



PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY (PRIST)

Under Section 3 of UGC Act 1956

THANJAVUR 613 403. TAMIL NADU. INDIA



SELF STUDY REPORT

Submitted to

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

19 - 09 - 2015

PREFACE

Education not only moulds the new generation, but reflects a society's fundamental assumptions about itself and the individuals which compose it. Before independence and even few decades after independence, there was a total void of access to higher education due to lack of facilities and infrastructure. Thus there was a direct as well as indirect deprivation of education. The universal wisdom that education is the corner stone as well as harbinger of socio-economic change and empowerment, slowly but steadily dawned on us. But the economic constraints and lack of awareness, equity and access continued to deprive the needy.

In these circumstances, the munificent founder of Ponnaiyah Ramajayam Institute of Science and Technology (PRIST), Prof. P. Murugesan, began his service to higher education in this predominantly agricultural area by starting Ram Institute of Computer Science and Technology in the year 1985. In 1988, the Institute got affiliation from Bharathidasan University to offer Post Graduate Diploma Programme in Computer Applications. Prompted by the encouragement and support extended by parents, students and public, he has established Ponnaiyah Ramajayam College affiliated to Bharathidasan University, Tiruchirappalli, in the year 1994, in memory of his father Sri. Ponnaiyah and his mother Smt. Ramajayathammal. Within a very short span of time, the college has earned goodwill, fame and reputation from all its stakeholders for its quality teaching and discipline. Ponnaiyah Ramajayam College has gone for NAAC assessment and accreditation in the year 2004 and has been awarded "A" grade and there by projected itself distinctly in the field of higher education. These remarkable achievements encouraged the college to submit its proposal to the Ministry of Human Resources Development, Government of India to confer Deemed University status. Based on the recommendations of the UGC Expert Committee, the Ministry of HRD, Government of India, has conferred Deemed University status to the institution in the name of Ponnaiyah Ramajayam Institute of Science and Technology (PRIST) University, through its order dated 4th January, 2008.

The institution has realized that the main objectives of higher education are

- to educate individuals,
- to offer everybody the possibility for personal development,
- to take care of and further develop our common competence and culture,
- to educate candidates for industry, the social sector, education and research, and
- to contribute to the building of social structures and solidarity.

It has also realized that the purpose of education is to produce more 'responsible' and 'rounded citizens' imbued with humanism. Education aims at liberating the student's mind, encouraging him or her to take charge of his or her own thinking and becoming reflective critic of traditional practices. It is only this sort of education that will develop each person's capacity to be fully human, which means self aware, self-governing, and capable of respecting the humanity of all other fellow human beings.

“Education is not the filling of a vessel but the kindling of a flame”

- Socrates

Academic Reforms is the need of the hour in order to enhance quality in higher educational Institutions. Our Roadmap for Academic Reforms is based on the following principles

- Strategies to enhance creativity and innovation in the classroom must be encouraged and developed to prepare our students for the 21st century.
- Higher Educational Institutions must become a place that acknowledges and recognizes the importance of global awareness and cultural competence.
- Standards and curriculum must continue to focus on rigor and core knowledge but also establish expectations for our students to learn the 21st century skills that will empower them to be successful in an ever changing global marketplace.
- Academic performance measures must not only continue to support accountability but must also utilize multiple measures to provide educators with diagnostic information about the day to day learning of our students and to demonstrate a wide range of competencies and skills.

No quality enhancement can be perceived unless the course curricula are periodically revised-revised not only to reflect the latest developments in concerned subject to study but also responding to the needs of the context such as of industry, profession and community. The National Policy on Education (NPE) postulated that the examination system should be recast so as to ensure a method of assessment that is valid with reliable measures of student development and be a powerful instrument for improving teaching and learning.

Keeping all these aspects in our mind, academic reforms have been carried out in a continuous manner in order to enhance the academic quality in our esteemed institution. We are having the principle to go for thorough revision of syllabus at least once in two years for PG programmes and at least

once in three years for UG programmes. We are also carrying out examination reforms continuously with an aim to have a very healthy and a most reliable assessment system. Introduction of the concept of “Question Paper Quality Index” also helps in making the evaluation more appropriate

Further, our academic quality review processes examine the following

- The academic standards attached to the curriculum and associated methods of teaching, learning and assessment;
- The quality of methods of teaching, learning and assessment, and the various resources that support students’ learning;
- The robustness of procedures intended to assure academic standards and promote quality of learning opportunities;

In fact, introduction of “Academic Audit”, “Peer Review of Teaching” and “Collection of Feed Back from various types of stake holders” are part of our academic quality review processes.

PRIST Assessment Centre is established for carrying out all these activities. The University has also conducted this SWOT analysis and also drafted the perspective plan for development. A vision 2020 document is also prepared for the University. Further, University Task Force (UTF) was established in the year 2010 and the 50th meeting of UTF was held in the month of May 2015. During these fifty meetings, the University Task Force has come out with a number of recommendations for the University to consider in order to have an impressive growth.

The umbrella of deemed university status spread over a span of more than two years has resulted in the phenomenal growth of physical atmosphere as well as laudable academic excellence. A bird’s eye view on the growth and development of the institution gives ample evidence of significant progress in all its spheres-curriculum, teaching-learning-evaluation, research, extension, infrastructure, learning resources, student facilities-activities, governance, leadership and innovative practices. All these activities are leading to intellectual capital, human resources, empowerment and socio-economic change. The institution is emphasizing quality initiatives and concern in all its activities. Apart from creating awareness on quality initiatives, it follows successful steps to sustain and enhance quality measures. The Institution has already established IQAC for quality initiation and review. It has submitted itself for Academic and Administrative Audit.

The Institution while emphasizing its commitment to quality, transparency and accountability, decided to submit itself for assessment and accreditation. Accordingly, it constituted a Steering Committee for the preparation of Self Study Report and a Technical Support Committee to assist

the Steering Committee, consisting of teacher-staff representatives. The Committee has prepared its Self Study Report. The same is being submitted in the following pages as per the manual for Self Study to National Assessment and Accreditation Council (NAAC) for its kind perusal.

Our motto is to strive hard with sincerity and commitment to achieve academic excellence.

Vice Chancellor

EXECUTIVE SUMMARY
&
SWOC ANALYSIS OF THE INSTITUTION

EXECUTIVE SUMMARY

Situated in an ideal surrounding that is congenial to educate the rural mass, where quality is inclusive with social, national and global demands, Ponnaiyah Ramajayam Institute of Science & Technology (PRIST) has well established and well maintained spacious campuses which provide opportunities for phenomenal growth and development. The Institution grows from strength to strength by increasing and widening its horizon of knowledge and research. There is constant increase in productivity, quality of education and research opportunities. Since the inception of this Institution, a number of innovative and best practices have been adopted by the Institution to enhance quality in all its endeavors.

The Institution takes lot of care not only for the academic scholarship of the students, but also for inculcating moral and ethical values to each student. The learning environment that is available in the campus motivates each student to acquire academic excellence and thereby prepares him to face the challenges of the rapidly changing world in a comfortable and competent manner. The organizational structure of the Institution is formulated in such a manner to enhance the quality in all its academic and administrative activities and thereby bring good reputation to the institution. The philanthropic management administers the institution with a sole aim of providing quality higher education to the rural masses and also achieving students progression in all dimensions.

The Chancellor, officers of the institution, staff, students and research scholars work together as a team in a dedicated manner to build up tradition and values in this institution.

In a nutshell, the dynamic youngsters learning in this Institution are cared for to pave a bright path for a Great India in building up values and traditions and thereby moving towards fulfilling the vision of the institution.

History

The munificent founder of Ponnaiyah Ramajayam Institute of Science and Technology (PRIST), Prof. P. Murugesan, began his service to higher education in this predominantly agricultural area by establishing Ram Institute of Computer Science and Technology in the year 1985. At that time, his very purpose of establishing that institute was to introduce Computer Education for the first time in Thanjavur District, Tamil Nadu. In 1988, the Institute got affiliation from Bharathidasan University to offer Post Graduate Diploma Programme in Computer Applications.

Prompted by the encouragement and support extended by the stakeholders and by and large by the public, he has established Ponnaiyah

Ramajayam College affiliated to Bharathidasan University, Tiruchirappalli, in the year 1994, in memory of his father Sri Ponnaiyah and his mother Smt. Ramajayathammal. Within a very short span of time, the college has earned goodwill, fame and reputation from all its stakeholders for its quality teaching and discipline.

The very first batch of students has secured a Gold Medal and 4 University Ranks for the college. Subsequently, the college has earned 17 Gold Medals and 331 University Ranks to its credit by the excellent services rendered by the faculty and by the dedicated efforts put forth by the students. Ponnaiyah Ramajayam College has gone for NAAC assessment and accreditation in the year 2004 and has been awarded “A” grade (the first “A” Grade awarded college in the Bharathidasan University area) and there by projected itself distinctly in the field of higher education. These remarkable achievements encouraged the college to submit its proposal to the Ministry of Human Resources Development, Government of India for the conferment of Deemed University status.

Based on the recommendations of the UGC Expert Committee, the Ministry of HRD, Government of India, has conferred Deemed University status to the institution in the name of Ponnaiyah Ramajayam Institute of Science and Technology (PRIST), through its order dated 4th January, 2008.

Curricular Aspects

Right from its inception, the Institution has given more thrust with regard to curricular aspects. The curriculum of various academic programmes is designed to enhance the academic excellence of the students and to reflect the goals and objectives of the institution.

The vision and mission statement of the Institution addresses the needs of the society indicates its vision for the future and its tradition and value orientation. Equity, self development, community and national development, ecology and environment are the major considerations addressed by the goals and objectives of the Institution.

The vision of the University, namely, “To be internationally recognized Institution for its excellence of academic programmes, for its high quality teaching across a broad range of disciplines, for its efforts in promoting world class research and for its community service in making quality and flexible higher education to reach wider community”. is fulfilled by offering courses in the emerging areas in the field of Arts, Science, Commerce, Business Management, Education and Engineering & Technology by way of imparting mandatory laboratory training and project work experience as part of the curriculum and framing of syllabi with inputs from students, Alumni, Academic Experts, Industry persons, scientists from R&D

organizations and parents.

The University has adopted systematic process in the design, development and revision of curriculum. The process of curriculum design, development and revision is clearly outlined in the “Curriculum Design and Development Manual” published by the University. The Institution has designed its curriculum based on the UGC / AICTE model curriculum and also based on the suggestions and feedback collected from academic experts of national and international repute. The Institution has also organized Pre-Curriculum Development Workshop for the faculty to participate. Curriculum is designed, developed & revised by taking in to consideration the societal needs, regional needs, national development, global demand, emerging trends, industrial needs, expectations of the stakeholders etc. Employability is ensured through the demand based curriculum. Also the institution is offering institute-industry driven sandwich programmes in Mechanical Engineering and Electronics and Communication Engineering to ensure the employability as well as international exposure to the students. Innovation is ensured through the inclusion of greater academic flexibility, skill-based elective courses, open elective courses, valued – addition courses and project work in the curriculum. Students are motivated to undertake innovative project works. The outputs of student’s innovative projects are displayed in the “Student Innovation Park” with an aim to encourage and motivate junior students to have a flair for undertaking innovative projects. University is also granting seed money to students’ most innovative projects.

The University is offering all academic programmes under “Flexibility Infused Choice Based Credit System”. Academic flexibility is ensured in the curriculum through the inclusion of wide range of elective courses, skill based elective courses and open elective courses. Courses on emerging areas in the field concerned are offered as electives. Semester system is being followed for all academic programmes with Continuous Internal Assessment (CIA) in existence.

The Centre for International Relations has taken of lot of initiatives for attracting more International Students. The curriculum is designed to include courses on global demand so as to attract more International Students. A handbook on Admission on International / NRI Students is published by the University for the benefit of International Students. The welfare of International Students are taken care by the Dean (International Student Service), who act as the Coordinator for Centre for International Relations. Inter - Institutional Credit Transfer Facility is provided to the students through signing of MOUs with selected reputed institutions. The curriculum for all academic programmes is generally revised at least once in three years. However, depending on change in regional, national and global needs, current trends and change in expectations of the stakeholders, if the situation warrants,

the departments will go for revision of curriculum even before the completion of three years. The Board of Studies includes one academic expert from reputed university and one representative from the industry. As part of academic flexibility, advanced learners are encouraged to undergo extra credit courses during Summer Semester. Mandatory add-on certificate course on “Women Development and Empowerment” has been offered to all women students. Thrust is given to Information and Communication Technology for the curriculum of all academic programmes. A wide range of add-on courses are offered for inculcating multi skill development among the students. Extra credit course on foreign languages are made available to the advanced learners who are aspiring to continue their higher education in abroad. A wide range of academic programmes are made available to the students by way of offering 14 academic programmes at UG level, 21 academic programmes at PG level, 12 academic programmes at M.Phil. level, 20 academic programmes at Ph.D. level, 12 academic programmes at diploma level and 8 academic programmes at PG diploma level. Besides, 20 add-on certificate courses are also made available to the students. Moreover, university – industry driven sandwich programmes are also offered by the Department of Mechanical Engineering and Department of Electronics and Communication Engineering. Further, market driven courses such as solid works, CAD Software courses, CISCO Networking courses, ORACLE courses, information storage management course are also offered to the students of Engineering and Technology by making use of industry – institution partnership.

Several innovative interdisciplinary academic programmes such as M.Sc. Clinical Bio-chemistry, M.Sc. Clinical Micro Biology, M.B.A. Shipping and Logistics Management, M.Tech. Environmental Engg., P.G. Diploma in Computational Biology, P.G. Diploma in Renewable Energy & Energy Management and P.G. Diploma in Data Mining are being offered by the University. Value addition courses such as Communicative English, Computer Packages, Environmental Science, Soft Skills etc. have been included in the curriculum so as to enhance the employability skill of students and to promote the moral value and social citizenship role among the students.

Teaching-Learning and Evaluation

The Institution has considered teaching, learning and evaluation as its corner stone in the academic process. The core strength of education is “Teaching & Learning”.

The Students Admission process is made as highly transparent. Admission notification is published in leading national and regional dailies and is also hosted in the institutional Web site, with all vital information required by the prospective students. Admission process is carried out by the Directorate of Admission by adopting merit and reservation policies of Government of Tamil Nadu to ensure equity, social justice and transparency.

The Government of Tamil Nadu reservation policy makes higher education to be accessible to candidates from disadvantaged communities and differently-abled categories. Also, the University has evolved “Equality, Diversity and Inclusion Policy” for this purpose. Through evolving the “Policy on Services for Students with Disabilities”, the University helps the disabled students to have comfortable access to higher education. The teaching, learning and evaluation schedule is carried out strictly as per the Academic Calendar of the institution. Teaching schedules are being prepared by the faculty well in advance at the beginning of the semester. Faculty member have been motivated to maintain course wise Academic Planner.

Pre-Tertiary Education Bridge Course and New Students Orientation Course are being offered to the first year students of all academic programmes to make them familiar with university’s academic regulations and to make them aware of the support services available in the campus. Special bridge course on English language communication and basic subject skill is made available to the students admitted from disadvantaged communities. Entry level assessment is made for the first year students of all academic programmes by the respective departments and necessary follow-up supportive remedial programmes are organized. Further, the university has evolved a “Policy on Student Induction” in this respect.

Slow learners have been provided with facilities like remedial programs, tutorial classes, peer tutoring, time flexibility, academic counseling and personal counseling. Advanced learners have been given the opportunities for earning extra credits, nominating as peer tutors and peer mentors and undertaking challenging assignments on latest topics. Advanced learners are encouraged and are provided with opportunities to exhibit their innovative ideas and they are encouraged to take part in organizing National level seminars / symposia in the department. Student centered learning practices are adopted by way of making them more active in acquiring the knowledge and skill and more aware of what and why they are doing and by focusing on interaction such as the use of tutorial and other discussion groups. Student centered learning methods like independent project work, group discussion, peer mentoring of students, field trips, computer assisted learning and choice of elective courses are adopted. Students are provided with the feedback on their assignment works at the earliest after evaluation. Students and faculty members are kept pace with recent developments in the subjects by providing them with latest books, internet facility subject specific research journals and quality circle events organized by the department. Student’s feedback on course experience are collected and analyzed for taking follow up action to improve the quality of learning evaluation process. Student Satisfaction Survey is being conducted regularly from the students at the end of their programme of study.

Highly qualified meritorious teachers are recruited through Institution Selection Committees. Sufficient teaching posts have been sanctioned and filled to have the ratio of teachers to students as 1:8. More than 35 % of the teachers are doctorates. Teachers are provided with sabbatical leave to pursue higher studies. Management Research Grants are made available to the teachers in order to enhance their quality. Teachers are also encouraged to participate in Seminars and Conferences, to publish Research papers and to organize Seminars and Conferences by providing them with financial assistance. Teachers are adopting ICT enabled teaching in all departments. Mastery learning strategy is adopted in all departments for all programmes of study. Orientation courses are offered to newly recruited teachers. NITTTR (MHRD) training was being offered to the faculty members of Engineering and Technology departments at periodic intervals. The Mission 10X team of WIPRO Technologies has offered a training programme on the Multiple Intelligence Model to the faculty of Engineering and Technology.

Performance of teachers has been appraised by through Self Appraisal Report from teachers, student's feedback on performance of teachers and peer review of teaching. Semester-wise Academic Audit is being carried out in all academic departments by the Academic and Administrative Audit Committee. Anonymous evaluation of answer scripts using dummy numbers is adopted in Semester Examination. CIA is adopted for all programmes of study with 40 % weightage. Valued class test answer scripts and assignment papers are returned to the students along with the feedback within 5 working days. Question bank system is adopted. Moderation Board is constituted for all academic programmes. Students are vested with the right to apply for review of CIA, re-totaling, revaluation and photocopy of answer scripts. Complete automation of examination system is implemented. Results of semester examination are hosted in the institutional Web site within 15 days from the conclusion of semester examination. Provision to improve performance in internal assessment and semester exam has been extended to students.

University is providing scholarship to students emerging from disadvantaged section of the society.

University library is having book bank facility for the benefit of the students from economically disadvantaged sections.

The Centre for Development of Teaching and Learning is established in the University and it is offering periodic workshops and training programmes both for faculty and students to get exposure and familiarity with innovative Teaching and Learning methods.

Creative teaching methods like Assumption Busting, Brain Storming, Reverse Brain Storming, Concept Mapping, Role Playing etc. are being

adopted by the faculty in majority of departments.

Students are trained with problem based learning, project based learning, and collaborative learning and inquiry based learning.

Several learner centric teaching methods like problem based learning, service learning, simulations and demonstration methods are being adopted by faculty in all departments with support and training extended by the Centre for Knowledge Management. The Centre for Knowledge Management also organizes workshops on “Applications of Web 2.0 Technology in Higher Education”, “Applications of Matlab”, “Applications of POGIL programme” etc. for the benefit of teaching staff to make them accustomed to make use of Google Drive, Blogger, RSS Feeds, Padlet, Quizlet, Delicious, Animoto, e-learning, etc.

Students are being offered different types of assignments like Journal Article Review, Case Studies, Dissertation, Essay, Field Report, Mini Project etc.

The Department Academic Committee prepares the detailed academic calendar for each semester.

The department takes initiatives to circulate the academic calendar and syllabus pertaining to that semester among the students on day one of the semester.

The course delivery process is being monitored and discussed in class committee meetings thereby the effectiveness of the course delivery as per the course schedule is being ensured.

Further, the innovative Course Delivery Mapping System is in practice with the help of the software developed by the University Software Development Cell, which helps the HODs and Deans and the Vice Chancellor to monitor the course delivery in various programmes.

Departments have taken initiatives to make the learning as student centric by way of solving challenging problems during tutorial session, giving assignment on emerging areas, discussing case studies, motivating students to participate in seminars and symposia, encouraging students to take mini projects, facilitating internship and organizing field visits. Question Bank system is in existence.

The University encourages students to be familiar with blended learning by using e-learning resources like NPTEL etc. The University has published a “Handbook on Blended Learning” to promote and popularize the

culture of blended learning among staff and students.

The University is nurturing creativity and scientific temper among the students by means of organizing workshops and Guest Lecturers with eminent academicians as resource persons and by motivating students to participate in Conferences / Symposium / Seminars and Techno Management events.

Students Project Work has been made mandatory in the curriculum of all academic programmes offered by the University.

Periodic trainings are organized by CDTL for the faculty on innovative teaching and learning methods, peer tutoring, e-tutoring, etc.

The CKM has organized a number of workshops and training programmes for the faculty in order to enhance their efficiency and competency by way of inducting latest technology in their teaching and learning process.

Fellowships under Faculty Development Programme are offered to the faculty to undergo Ph.D. programmes.

Financial support is extended to the faculty for paper publications in Peer Reviewed Journals with high impact factor and for paper presentation in International Conferences.

University extends financial support to the department for organizing International Conferences periodically.

The faculty members are encouraged to carryout Post Doctoral Research Work in Foreign Universities.

The Examination system is faculty automated. The following are some of the examination reforms introduced by the University in the recent dates. The examination section has come out with the publication of “Examination Section Manual” in order to rationalize its functioning. The University has made it as a principle to publish the examination results within 15 days after the date of last examination.

The University is strictly adhering to UGC (Minimum standards for award of M.Phil / Ph.D.) Regulations, 2009, for awarding M.Phil. and Ph.D., Degrees.

Ph.D., Research Scholars are permitted to submit the synopsis only after publishing a minimum of two research papers in referred journals. The facility to apply for re-totaling, revaluation and issue of photocopy of answer scripts is extended to students towards redressing their examination related grievances.

Research, Consultancy and Extension

This University gives much priority to research. To promote research and development (R&D) activities at the University, it has established a dedicated Centre for Research and Development (CRD) in the year 2008. From its inception, CRD is instrumental for the entire R&D activities of the University, right from selection of candidates for PhD to awarding degrees in a structured manner by involving many Research Advisory Committees and Boards. For example, the University Research Board (URB) constituted by the institution helps the CRD in promoting institutional research activities. The URB convened once a year monitors the overall progress of the R&D functions and promotes research culture in the University. The URB has identified four major thrust areas for conducting research: 1) Drug Discovery and Development; 2) Energy and Environment; 3) Materials and Manufacturing; and 4) Bimolecular Engineering. Like this, the University has two more research committees: the one is the research committee, which meets at least once in 6 months and selects the candidates for PhD programmes. This committee monitors the progress of the researchers, while the second one, the Institutional Animal Ethical Committee (IAEC), constituted by CPCSEA, Govt. of India, meets once in six months and monitors the experimental work conducted on animals as per the guidelines suggested by Govt. of India. In the last six years, the University has responded well to the suggestions of URB, RC, and IAEC and augmented its research facilities by procuring laboratory equipment, creating a library in its wing and by providing subscription to many journals, and bringing all scientific web sources available to do state-of-the-art research at the University. This resulted in increase in admission to PhD and MPhil programmes, and established 6 specific research centres, namely Centre for Advanced Computing and Bioinformatics, Centre for Crystal Growth and Thin Film Technology, Centre for Environmental Engineering, Centre for Disaster Management, Centre for Renewable Energy, and Centre for Sustainable Development. All these Centres work in close co-ordination with Centre for Research and Development as its wings. For promoting R&D activities, the University has established a well defined policy on “Research Promotion”, “Consultancy”, and “Extension programmes”, and “Code of Ethics” for conduct of research.

This University has established a good practice of providing seed money for innovative ideas to the faculty and encourages the faculty to pursue research. It is also trying its maximum to promoting research culture in teachers by reducing their work load, creating opportunities to pursue their higher education and research, and by permitting the faculty to avail on-duty for attending and presenting research output in national and international conferences. The faculty members are also encouraged to undertake research by collaborating with other research organizations and industries by formal memorandum of understanding (MoU). To date, the institution has established 14 MoUs with reputed national and international institutions and industries.

Apart from this, it has mutual understanding with more than 120 institutions of high repute in India for research collaborations. Our research publications along with more than 120 institutions are the evident for our extended research linkages. The departments of this institution have conducted several training programmes, workshops, sensitization campaigns, and national and international conferences to motivate and inculcate research culture among the staff and students of this University and other institutions and for the benefit of the society. These programmes include, programmes on writing proposals, research methodology workshops, training on statistical packages, instrumentation and software skills, and sensitization for women in science and research. The library has conducted programmes to sensitize staff and students on the use of e-journals and an insight on specific search engines for access of papers of interest. In total 24 such programmes were conducted during the past 6 years. These activities have promoted a rich culture of research among students in the campus. For this, the University has invited many national and international eminent Professors, Scientists and Industrialists as Adjunct Professors, Guest Faculty and as Invited Speakers, and utilized their expertise. In addition to that their expertise is also utilized for promoting teaching and learning exercises, promoting research culture on campus, promoting curriculum development processes, placement activities for our students, and addressing the society-oriented challenging issues on global scale. The Centre for International Relations co-ordinates with the Departments in helping them invites eminent professors from foreign Universities to share their research work with the faculty and students. These interactions have been helpful in creating awareness on areas of advanced research techniques and also it gives an exposure to Ph.D. scholars to understand the international standards of research. Similarly, the University also permits its research scientists and faculty to visit other countries for higher education, post-doctoral research work and presenting papers in national and international conferences and symposia and workshops on-duty and on sabbatical, which resulted in publications of our research articles in peer-reviewed international journals of high repute. Because of the involvement and interest in promoting and facilitating research culture at the University, the overall publications of the University has increased to 982 paper in peer-reviewed national and international journals. Among 982 papers, 583 papers, as on date, was Scopus-indexed, while 103 papers were listed on popular PubMed database. The h-index of the University stands at 16. The University has published more than 15 books and 7 of them are ISBN-indexed. Funding opportunities were availed from DSIR, DBT, DST, UGC, WNRF, DRDO, and Indo-Korea to the tune of Rs.1.78 Crore and it has submitted project proposals to various funding agencies to the budget size of 5.85 Crore, which are in the review processing. The University collaboration with other institutions impacted the identity of running collaborative projects of national priority.

The University does not stop with it, but continuously taking its efforts in improving the infrastructure facilities on campus. A new four storied building in 50,000 Sq.ft. has recently been constructed, exclusively for R&D, that includes central laboratory, subject-wise laboratories, animal house, conference halls, multimedia facility, computer labs for students' trainings, library with journals and books, internet with Wi-Fi connectivity, and accommodation facility for scientists and researchers on-par to leading Universities for their uninterrupted round the clock research activities. One of the notable works is that it is maintaining a collection of endangered medicinal plants in its wing, for which the University is planning to get funding from DST for further development. The University has a USIC, in the name of "Central Instrumentation Facility", which is made available to all research scholars and faculty. This laboratory houses many instruments in which the scholars have access to all without much administrative formalities. For all these activities, a 15% of the total University budget was allotted to research and development activities that includes infrastructure development, purchasing of equipment, salary, consumables and providing scholarships and fellowships to the deserving candidates, and encourages the faculty for filing patents. The University also takes care of the maintenance of this facility utilizing partial overhead charges from funded projects, and through revenue generated through third party analysis and consultancy services. The university is able to earn a some of Rs.31, 02,000 through its consultancy services during the last five years. The university provides accommodation for all in-house researchers and visiting researchers of national and international repute on-campus at the research wing itself. Guest researchers are given freedom to choose the mode of their accommodation depending on their requirements. Separate wings and blocks are also made available for different category like men and women, juniors, seniors, post-doc fellows, scientist, faculty, visitors, VIPs and so on. Amenities like computer and internet, Wi-Fi, food facility, laundry, Gym, indoor games are all accessible to all guests.

The University has come-up with several research outputs related to society-oriented research activities such as wound sealing and healing mechanisms for army applications, novel nanotechnology-derived products, non-linear optics, thin film and crystal growth for laser applications; kidney stone reduction; herbal drug for Dengue, Biomarkers for human pathogens and Noni-plant for diabetes. The University sensitizes its faculty and students on social responsibilities through conducting awareness camp, blood donation camps, tobacco awareness programmes, cancer awareness programmes and other NSS activities, apart from academic activities. More than 120 such extension programmes have been conducted in the last four years, depending on the needs of the societies. As a result, the University takes its pride in cultivating our students as social workers and good citizens with more social responsibilities. The outcome of conducting such extension programmes is satisfactory and fulfilling experience for the University as it has a great name

from people of Thanjavur District for its services and popularity. It also makes sure that the programmes that it plans will be of some help to the public community by involving local community volunteers in addition to our students and faculty participation for accomplishment. Plantation in Thanjavur, AIDS awareness campaigns, blood donations programmes, first-aid awareness programmes, road safety programmes, national community harmony campaign are the notable events of its encouragement of community participation. Moreover, realizing the social responsibility the institution has spent nearly Rs.3crores towards science exhibition, rural schools infrastructural development, educational scholarships for rural school students, renovation of temples, village medical camps, festival dress distribution to children belonging to disadvantaged communities, installing rain water harvesting systems in public buildings, etc.

For this, the University has received many awards and honors.

Infrastructure and Learning Resources

The institution is having adequate physical infrastructure for teaching and learning in all departments. The institution is taking initiatives to continuously expand and upgrade the physical infrastructure so as to meet the growing demand of infrastructures for the growth and development of the University. The physical infrastructure available in the campus is being utilized optimally by way of offering additional add-on courses and Diploma, PG Diploma and certificate levels for the benefit of the students.

The institution is having enough facilities like auditorium, playfields, Foot Ball Ground, Hockey Ground, Cricket Grounds Volley ball Court, Tennis Court, Ball Badminton court, Gym etc., for sports and other extracurricular activities. A round the clock health centre is functioning in the campus with full time male and female doctors, nursing assistants, medical equipments, general drugs and life saving drugs. Ambulance facility is made available for emergency purposes. The institution takes sufficient care to provide facilities like ramps, wheel chairs, disabled- friendly toilets, disabled-friendly computer lab etc., to the differently-abled students so as to ensure their effective academic participation comfortably.

The library has adequate physical facilities such as reading room, NPTEL Workstation, digital Library, Centre for Virtual Education, Research scholars cubicles, reprographic facility and internet facility, etc. The ratio of library book titles to students enrolled is more than 20:1, whereas the ratio of library book volumes to students enrolled is more than 54:1. The library is regularly subscribing for adequate number of print journals, e-journals and CDs. University Annual budget provides budget provision for library and thereby the library resources are being augmented regularly. Library Advisory

Committee is functioning efficiently and takes initiatives for the effective functioning of the library. Library Advisory Committee takes necessary measures to create user friendly environment in the library. The library is computerized with Autolib Software. Online Public Access Catalog (OPAC) system is in existence. ICT Technology is deployed in the library through institutional repository, content management system for e-learning participation, resource sharing networks etc. The library is having a good reference collection, Current Awareness Service (CAS), Selective Dissemination of Information (SDI) are provided in the library. The Knowledge Resource Centre enables access to the e-resources like e-database, e-journals, e-books, e-learning resources through its website. Surveillance cameras and fire extinguishers are fixed in the library for security purpose. The library is used to collect feedback on library services regularly from its users and forward them to the Library Advisory Committee for making recommendations to further improve the library service in the campus.

The University has published “University Information Technology Related Policies” and thereby provides a comprehensive IT policies for IT service management, information security, network security, risk management, software asset management, open source resources and green computing. The University is having 1072 systems including 5 servers. LAN facilities are there with a strong network backbone of Gigabyte as a structured deployment with five distribution points covering the entire campus area of 25 acres with wire and wireless components. The computer student’s ratio in the campus is 1:2. Sufficient licensed software in respect of system software, open source software and application software are made available. University upgrades and deploys IT infrastructure and associated facilities regularly. Due to technology advancement, update in IT infrastructure becomes mandatory to facilitate effective management of IT services. Online resources like NPTEL materials are made available to staff and students. The students are given exposure to various website and packages related to the subject to supplement classroom teaching. Students are motivated to make use of Spoken Tutorial Project (STP) resources. Departments are in the mailing list of CEC-News. Students are motivated to use Vyas-Channel and Edusat Network to acquire knowledge on emerging areas. Staff and students are motivated to register for MOOCS offered by Coursera and eDX. Virtual lab facilities are made available. New technological tools like MS Office suite, Chrome, Prezi, Blogger, Delicious, LMS-MOODLE, intranet –Apache tomcat, web 2.0 tools etc., are deployed by the departments for effective student learning.

Desktop with internet connectivity has been provided to all staff. Wi-fi connectivity / access are provided to the electronic cadgets of staff. Smart classrooms with white board and necessary network and other accessories are made available for the benefit of teachers. The University is having a good number of ICT enabled classrooms. High bandwidth internet connectivity with dedicated and uninterrupted individual system paves the way to prepare

and collect materials for teaching with online access to journals, ICT tools are made available for preparing computed aided teaching learning resources.

The IT infrastructure is being maintained by the grant allocated for the purpose in the university annual budget. Sufficient University budget allocation is made for update, deployment and maintenance of computers.

The University has an estate office with estate officers and the dedicated Engineers for maintenance works. The University Works Division comprising of Civil, Electrical, Water Supply, Public Health and other takes care of the regular maintenance of university infrastructure. The infrastructure facilities, services and equipments in the campus are being maintained by a dedicated team of Electricians, Plumbers, Carpenters and other personnel provide round the clock service to departments and hostel.

The university has taken special initiatives to improve the physical ambience by way of cultivating colorful flower plans and tall evergreen trees. The University campus has been declared to be tobacco-free campus and the campus roads are litter-free and plastic-free. All departments display eco friendly posters to save water and energy. The security in the campus has been beefedup by good number of street lights and surveillance cameras.

Student Support and Progression

The Institution strongly believes that students are its primary stakeholders. The Institution has awareness about the geography, socio demographic, economic and educational background of the people of this region. Based on this information, the institution tries to realize its vision and mission centering on student empowerment, inclusive practices and knowledge – skill competence development. The institution has also internalized the practice of social reservation, financial incentives and welfare measures as part of support to the students from disadvantaged communities. Besides this, the institution has implemented a good number of student support measures to make them to feel comfortable for the successful completion of their respective academic programme.

The institution is taking initiatives to update the Admission Prospectus and PRISTIAN Hand book at the beginning of each academic year. The prospectus contain all vital information regarding programmes offered, fees structure, admission procedures etc., which will be made available to the prospective students. The PRISTIAN Handbook will be issued to all first year students. The PRISTIAN Handbook contains important information like academic calendar, list of faculty members, programmes offered, rules and regulations of library, code of conduct for students, special features about academic regulations and details of student support services available in the

campus. The Institution is also coming out with the publication of its own newsletters to publish information about the periodic institutional events and academic activities to all its stakeholders.

Financial supports are extended to the students in the form of Government Scholarships, Management scholarships and Alumni Association Sponsored Scholarships. Besides this, management free-ships are also made available to the students belonging to the economically weaker section of the society and also to the differently abled students. Financial assistance for presenting papers in national / international level seminars / conferences are made available to students.

Students from disadvantaged communities have been provided the facilities like Book Bank, academic counselling, personal counseling, remedial programmes, orientation programmes and special coaching programmes for competitive examinations etc. “Earn While You Learn” scheme is made available to students from economically weaker sections of the society.

For differently-abled students, class rooms are being arranged in the ground floor, Wheel chair facility, scribes and support persons are also made available to them. Extra time is also provided to differently-abled students for all types of assessments. Personal counseling is being offered to the students through their department mentors available through the SFS system and also through the Department Students Counselor. Peer mentoring is also made available to the students. Academic counseling is being offered to the students by the respective Course Advisor.

E-Content Development Cell is established in the university. This cell motivates and trains the teaching staff in the preparation of quality study materials using latest technologies and makes them available to the students through the intranet. Even though lot of on-line resources such as MOOCs is available, this task enables the faculty to have in depth understanding of the subject. In fact, this helps to develop the e-learning culture among the students also. Language laboratory is made available for the benefit of the students to develop their communication skills.

Add-on certificate courses are offered to students to enhance their employability skills and to acquire multi skill development. The institution has established Career Guidance and Counseling Cell for the benefit of students to get regular information about the career opportunities available. The Career Guidance and Counseling Cell is organizing workshops on Entrepreneurship Development periodically to the students in association with prominent industries. The Centre for Innovation, Incubation and Entrepreneurship Development is established in the university. This centre organizes a number

of training programmes and workshops for creating a thirst for innovation among the students and for developing the entrepreneurship development skills among the students. Quite a good number of students have become entrepreneurs because of this initiative.

Renowned alumni of the institution have spread all over the world in most coveted positions. Alumni have contributed to the institutional development in the most remarkable manner. Provisions like orientation courses, bridge courses, remedial programmes, tutor mentorship, peer tutoring, soft skill training, training and placement, facility to earn extra credit, grievances redressal mechanisms, travel concession, institutional transport facility, free health checkup, emergency medical facility, group insurance scheme etc. are made available to the students as part of welfare schemes extended to them. Specific measures like well designed curriculum, fixing good benchmark levels for all academic activities, academic counseling, training on presentation skill, arranging group discussion, tutorial classes and awareness programme and counseling on scope for higher studies are implemented to enhance quality of education.

Students are being involved in the quality enhancement process initiated by the institution. IQAC-Students Chapter has been established in the campus for this purpose. Student members of this body have been entrusted with the task of collecting feedback from students. Students participation in decision making processes is ensured through their representation in Boards of Studies, Academic Council and in some non statutory committees. Students have been motivated to acquire social responsibilities and to assume citizenship roles by making them to participate in extension activities like tree plantation, adult literacy programme, blood donation, gender sensitization programme, women development and empowerment programme, peer tutoring, traffic regulation service and other volunteer services.

The University is having an independent “Student Follow-up System (SFS) for student support and mentoring. University has provided scholarship and freeships to students emerging from disadvantage section of society. Student’s group insurance is in existence. Coaching programme is organized for competitive examination such as GATE, SLET, NET, Civil Services examination etc. The career guidance and counseling takes care of career oriented counseling to the students. Soft skill courses are included in the curriculum in order to enhance the employability skill of the students.

The University website contained all information relevant to the students. The university has established the Centre for International Relations to attract more international students for admissions in various academic programmes. The Dean (International Students Service), being the coordinator

of that centre, takes care of the interest of the international students. The training and placement cell is functioning effectively in the University with the fulltime Placement Officer. The training and placement cell organizes programmes for students to build their confidence to face the placement drive, to identify job opportunities and also to develop their entrepreneurship skills. The training and placement cell also arranged for on campus interview by inviting a good number of Industries / Companies. Registered alumni association is in existence. The executive committee of the Alumni Association making arrangements for regular conducts of Alumni meetings. The Alumni Association contributes to the University development by way of providing additional learning infrastructure. Prominent alumni used to address the present students and motivate them to come out best. Students Grievance Redressal Cell is functioning efficiently in the University. Student academic grievances are immediately redressed by student's academic grievance redressal committee. Further, Student Cabinet is in existence and functioning efficiently. Students are motivated to have interest and active participation in student cabinet related activities. In fact, the Student Cabinet contributes a lot to the redressal of student grievances and also for the growth and development of the University. Anti Ragging Committee is constituted in the University as per the UGC Guidelines and is functioning systematically in order to make the campus as a ragging free campus. The Disadvantaged Community Students Welfare Committee takes care of the welfare of students from disadvantaged community by SC / ST and OBC. Special Coaching programme is organized to the students of the disadvantaged community to facilitate them for the successful completion of the programme. The Differently-abled Students Welfare Committee takes care of the welfare of the PWD students and committee is also monitoring the academic progress of PWD students and arranged special remedial programmes to the PWD students as and well required.

The institution has established the Gender Sensitization Committee against Sexual Harassment (GSCASH) in order to take measures for the prevention of sexual Harassment in the Campus. The University has evolved well defined rules and procedures for the effective functioning of GSCASH.

The GSCASH is also taking initiatives for organizing Gender Sensitization programmes in the campus in collaboration with the Centre for Women Empowerment. Add-on Certificate course on "Women Development and Empowerment" is offered to the girl students. The GSCASH is also responsible for conducting Gender Audit in the campus periodically. The University has evolved "Student Monitoring and Progression Policy" in order to regularly monitored the progression of students. Because of the most effective tutoring and mentoring system the institution is able to reduce the student dropout ratio and increase the pass percentage in various academic programmes. Peer Tutoring and Peer Mentoring and e-Tutoring are in practice

for the benefit of the slow learners. The University Research Board evolves strategies and interacts with Research Scholars regularly and thereby facilitates them for timely submission of their theses for evaluation. Further Research Scholars Grievance Redressal Cell is functioning effectively for the timely redressal of their grievances.

The University is also monitoring the students participation rate and students success rate in important competitive examinations and adopts strategies for further improvement in the participate rate and success rate in the competitive examinations.

All departments encourage and motivate student's participation in co-curricular activities. Extracurricular Activities Coordination Committee encourages and motivates student's participation in extracurricular activities. The University has appointed 5 male Physical Directors and 4 female Physical Directors in order to train the students in sports and games. The institution is giving lot of incentives to students having proficiency in sports and other extracurricular activities. Student participation in sports activities are very much encouraged by the institution by way of providing them with academic flexibility in respect of appearing for class test, semester exam, submission of assignment, award of benefit of attendance etc. in order to make them suitable to participate in state/ national level sports and games events. Student sports men are provided with intensive coaching, track suits, sports kits and special dietary requirements. University is also provides financial assistance for their travel, boarding and lodging facilities for their participation in sports/games events. A good number of students are participating in various sports activities and bring laurels to the institution.

Students are motivated to involve themselves in the publication of department newsletters and magazines. Students belonging to School of Engg. & Technology and School of Business are involved in the publication of School newsletters.

Periodic feedback are collected from the students on support services provided by the university and timely follow up action is taken on the student feedback on support services.

Governance, Leadership and Management

The university has been established U/s 3 of UGC Act 1956, and is governed by the MoA and Rules of the university as approved by the UGC. The vision, mission and objectives of the institution are in tune with the objectives of higher education, namely, addressing the needs of the society and of the students, the institution's tradition and value orientations and its vision for the future. The institution is functioning as per the provisions of the Memorandum of Association and rules of the university duly approved by

UGC. Vice Chancellor is the Chief Executive of the university. The authorities of the university include statutory bodies like Academic Council, Finance Committee and Planning and Monitoring Board. The Memorandum of Association and rules of the university define the roles and responsibilities of various administrators of the university. The Board of Management of the university takes the responsibilities with regard to the academic, financial resources, physical resources and overall development. The Academic Council is having membership from the stakeholders of the university. Board of Studies will have membership from academic experts and industrial persons.

The University Research Board is functioning under the chairmanship of the Vice Chancellor which periodically reviews the development of the research in the university and evolves strategies for quality management and advances in research. The eminent personality, such as, Bhatnagar Awardee are included as members in the University Research Board. Registered Parents Association and Alumni Association are functioning effectively in the institution. Regular University – Industry meets are being organized by the management. Moreover eminent persons from the industry are nominated to the vital bodies. The university is taking number of steps for reinforcing a culture of excellence in the campus. Innovation and Best practices are being adopted in various spheres of activities. The organizational needs are being identified through regular interaction with different stakeholders. The emerging global needs are being identified by the Centre for International Relations through exchange of faculty, exchange of students and academic collaborations with internationally reputed institutions.

The university promotes the culture of participative management by nominating faculty, staff and students in various statutory bodies and non-statutory committees. At the department level, monthly Class Committee meeting and meeting of Department Academic Committee are being organized in order to enhance the quality of teaching and learning.

IQAC-Students Chapter is established in the university with an aim to involve students in the quality enhancement process. The university is regularly collecting feedbacks and suggestions from different stakeholders and takes prompt actions in fulfilling their suggestions. The Student Cabinet is functioning effectively in the campus. The institution formulates its strategic planning for its growth and development. The institution monitors and evaluates its policies and plans, so as to ensure quality and growth in all its activities.

The Vice Chancellor, Registrar and Deans provide the leadership by taking initiatives for quality enhancement. Periodic review meetings are conducted at various levels. Students and research scholars are provided with mentoring and training for imbibing the leadership quality. Students are

involved in the process of organizing National Level Seminars and Symposia in the department. The university has evolved a Knowledge Management Policy. It has identified that the knowledge management initiatives fall in the categories like, Best Practices, Virtual Communities of Practice, Human Resources Management Support and ICT based tools. Moreover, the university has taken initiatives for Knowledge Assessment, Knowledge Acquisition and Knowledge Transfer, so that knowledge sustenance is there in the campus. Above all, the university has evolved certain knowledge management strategies and has brought it to the notice of administrators, Deans, Directors, faculty, staff, students and research scholars.

The university has drafted a perspective plan for its development by means of developing policies and identifying strategies for vision and mission, teaching and learning, research & development, community engagement, human resource planning and development, industry interaction and internationalism. The university is having a well defined organizational structure. The university is adopting well defined decision making process.

The Board of Management is the highest policy making body. The Academic Council is the highest policy making body on academic policy matters. The curricular aspects are looked after by the Dean (Academic Affairs), Deans of the Faculty and Heads of Department. The meetings of statutory bodies such as Board of Management, Academic Council, Planning & Monitoring Board, Finance Committee and Board of Studies are conducted regularly. The Controller of Examinations takes decisions regarding conduct of examinations, evaluation, and publication of results and awarding degrees. The Finance Officer supports the Registrar in taking decisions on all regular financial matter. Students Grievance Redressal Cell and Students Academic Grievance Committee are functioning in an efficient manner to redress the grievances of students in respect of both academic and non academic matters. The effective functioning of the University Anti-ragging Committee makes the university campus as ragging free campus. Gender Sensitization Committee against sexual harassment with well framed rules and procedures is functioning well, so as to create a safety environment for girl students and women staff. The administrators and faculty are easily accessible for students and staff and hence it is possible to immediately attend to their grievances and complaints and resolve them amicably. The university is having the well structured feedback mechanism to evaluate the institutional performance by the students. The university assessment centre collects various feedbacks from the students and forwards the same to the Vice Chancellor for taking immediate follow-up action over students' feedback. Moreover, Student Satisfaction Survey is regularly conducted among the students at the end of their programme of study in order to evolve strategies to further enhance the satisfaction of students during the period of study in this institution. The Institution takes sustained interest in the recruitment of faculty and staff.

The Institution is having the policy not to keep any post as vacant. The faculty members are encouraged to attend the refresher and orientation courses. The University has arranged a number of short term faculty training programmes on Instructional Design and Delivery systems organized by NITTTR periodically. Further, the Centre for Development of Teaching and learning and The centre for knowledge management have organized a good number of workshops and training programmes on topics like “Role of Web 2.0 Technology in Higher Education”, “Peer Review of Teaching”, “Applications of Matlab”, etc. as part of faculty development programmes for teaching staff. University also encourages teaching staff to participate in national / international level seminars / conferences / workshops / symposia. Financial assistance is provided to staff for attending international conferences. The University has also been organizing weekly popular lecturer series for the benefit of teaching staff. The performance of non-teaching staff are reviewed periodically and the university has organized training programmes for non-teaching staff to enhance the quality of their work output and efficiency. The performances of teaching staff are being assessed through self appraisal, peer review of teaching and student feedback on performance of teachers. The University is having a number of welfare mechanisms, such as, medical facility, reimbursement of medical expenses to staff for major illness, group insurance, subsidized transport facility, tuition fee concession for the wards of university teaching staff, free education for the wards for non-teaching staff, sabbatical leave for teaching staff, maternity leave for teaching and non-teaching staff, incentives for paper publication, etc. for the benefit of teaching and non-teaching staff. Gender audit is conducted regularly in the campus and salient findings of the gender audit are forwarded to the university authorities for taking remedial measures in preserving the gender balance.

The University is having an efficient finance management and resource mobilization system. After getting information about the department requirements for the fourth coming financial year, the Finance Committee examines the annual accounts, annual budget estimate and makes recommendations to the Board of Management about the department wise budget allocation for the fourth coming financial year. The finance department of the university is very keen to see that the expenditures are being incurred strictly as per budget provisions. The payment of tuition fees and examination fees by the students are permitted only through demand draft. The University has the system to review the utilization of the budget allocation once in every six months. The financial transaction procedures are governed by the finance manual. Moreover, the university has adopted the Management Information System for its finance management so as to get the regular reports and special reports on operations at every level of the management as and when required by the administrators. The University is having the mechanism for both internal and external audit. All accounts related files securitized by the section heads and offices concerned before the files are processed for payment. The

internal audit is being carried out by a team of internal auditors appointed by the university, whereas the external audit is carried out by the statutory audit firms Chidambaranathan & Co., Madurai. The University is having a corpus fund for a tune of Rs.5.0Cores as fixed deposit.

The Institution and Administrators take initiatives for mobilization of resources. The Deans of schools and heads of departments motivate faculty to tap research project funding from funding agencies such as DST, DBDT, DRDO, etc. The funds are also mobilized through consultancy services and training, testing, etc. Alumni Association also supports the institution by way of providing additional learning infrastructure.

The University is conducting academic audit through IQAC. The information regarding faculty and department performance is collected for analysis. The academic auditors make visits to the departments and verify the information furnished by the departments. Finally, the academic audit report will be submitted to the Vice Chancellor for taking follow-up actions. The IQAC has formulated the Quality Policy of the university and circulated it to all divisions of the university. Faculty and students were informed about the quality objectives and goals for each academic year. Quality oriented workshops are being organized by the IQAC regularly. Moreover, IQAC has developed a team of 25 dedicated internal quality auditors and is conducting Internal Quality Audit every year on the lines of ISO 9001:2008 standards. The meetings of IQAC held once in 3 months regularly and it has placed a number of recommendations before the statutory authorities of the University for their due consideration. The IQAC have external academic experts as external members. The IQAC is continuously monitoring the academic growth of students admitted from disadvantaged sections of society with regard to their performance and placements. Based on the observations IQAC will recommend for the conduct of remedial programmes / Training programmes / special coaching programmes / awareness programmes etc. for the benefit of students from disadvantaged section of the society.

Further, the following policies are in place for the periodic review of administrative and academic departments, subject areas, research centres etc.

- Quality policy
- Finance Policy
- Purchase Policy
- Maintenance Policy
- Academic Quality Management Policy
- Admission Policy
- Policy on Student Induction
- Research Promotion Policy
- Staff Training and Development Policy

- Book Acquisition Policy
- Policy on Consultancy and other outside services
- Information Technology Related Policies
- Copyright Policy
- Intellectual Property Policy
- University Website and e-Communication Policy
- University Records Management Policy

Moreover, the University is very keen on implementing the above mentioned policies at all levels of management. Complete transparency is being maintained in management practices. Offices of the University are fixed with their responsibility and accountability. Special care has been taken to ensure optimum utilization of human resources and physical infrastructures facilities. Academic and Administrative audit is being carried out regularly. Several welfare schemes have been introduced for the benefit of Teaching Staff, Non Teaching Staff and Students.

Moreover, the institution has constituted “University Task Force” in the year 2010 under the chairmanship of an eminent educationist and former Vice Chancellor of a state university. The University Task Force meeting is conducted almost every month. Recently, the 50th meeting of University Task Force was held. Through these monthly meetings, the UTF has made good number of suggestions to the university administration so as to pave the way for an exponential growth of the university.

Innovations and Best Practices

Environment Consciousness

The University is proud to have a clean and green campus with more than 50% of the total area under vegetation, primarily coconut trees, Almond trees and neem trees, amidst numerous shade-giving trees. PRIST Green Club, an interdisciplinary student body, guided by faculty members of Centre for Environmental Engineering, has been in active operation, giving the students avenues to nurture their environment consciousness and lifestyle. Several workshops and extension activities are organized in the campus and nearby locality. Green Audit is carried out in the campus every academic year, which include auditing of the water, energy, biodiversity and waste management and based on this, policy decisions are being taken by Management for forthcoming year.

Among the initiatives to improve the campus, the major stress is being laid upon energy conservation. To assess the energy consumption pattern and possible implementation of energy conservation measures, energy auditing has been undertaken for the entire campus. As per the audit report, the lighting and

ventilation consume the maximum energy, followed by computers, laboratory equipment and air-conditioners. Thus, as an initial step, the copper chock of regular tube lights are being replaced by the energy efficient electronic chock.

In addition to automated tripping system, master switches are being provided in class rooms and student volunteers are being employed to switch them off, when not in use. In fact, the new constructions are so structured as to avail maximum natural lighting and ventilations. The silver jubilee auditorium, for instance, is lighted naturally even more than 80%. As a regular practice, the windows are mostly kept open for natural lighting and in case of staff rooms, they are provided with screens for preventing direct solar-heating. The buildings are coloured with light shades and are surrounded by shade giving trees and ample open spaces, enhancing maximum accessibility of natural lighting and ventilation.

All the computer monitors are replaced by LCD monitors to reduce energy consumption and are modernized (to I-3 level). Computers are all configured for hibernation mode when not in use for fifteen minutes, and auto shut down when not in use for half an hour. The outdated computers, which consume high energy, are being given away to the charitable trusts and schools. The UPS is optimized with regard to number of computers attached so as to handle adequate loading.

All air conditioners are sparingly used and, when in operation, the temperature maintained is not less than 26⁰C, with timers for auto-switch on & off every hour, so as to reduce the power loading. Not only A.C., but also the refrigerators, boilers, exhaust fans and for that matter, all the laboratory equipment are regularly cleaned and monitored and are serviced, in case of drastic aberrations in power-rating and performance.

Although most of the consumption of energy of the University is from the electricity board, the recent efforts, as mentioned before, has been to reduce the electricity consumption by substitution of natural solar-lighting for illumination, which is in operation in library building and is being increasingly in use in other blocks. Besides, wastes from canteen and hostel-mess have been in use to yield biogas at the biogas plant, installed in campus, being used for minor cooking. The oil-yielding plant, such as *Jatropha* sp., is being grown at the rear end of the campus, with investigation for their yield for biodiesel, which is still in initial stages. The proposal for street lighting of the campus by solar lighting system and solar water-heater for hostel-inmates are under negotiation.

The campus receives precipitation in both the monsoon periods, and the natural gradient of the campus directs the runoff to two low-lying zones of the campus, where two tanks were constructed to store rainwater and

recharge the soil. The additional water is allowed to enter the nearby canal, draining to an earth dam meant for flood control and irrigation. Besides, even the brine water, which is generated as effluent from reverse osmosis plants are also used to recharge the underlying aquifer. The first roof-top harvesting has been planned for one block during the coming semester.

The campus is essentially smoke free, ensuring carbon neutrality, with large parking area at the entrance for parking of all vehicles belonging to staff as well as guests, and with abundant vegetation, creating an inviting canopy-shaded pathway for walking and cycling. The buses used for mass-transport are optimized with regard to city routes and are used with speed governors (enhancing smooth and jerk-free riding) to reduce fuel usage as well as low carbon dioxide discharge. Besides, indoor plants (such as snake plant, aloe Vera) are planted at offices of the executives to counteract the indoor air pollutions (bio-toxins and particulates) as well as CO₂. The Carbon-dioxide content in campus, as measured by CO₂ –sensors is about 250+50ppmv, as studied over last three months.

The green landscaping of the campus is maintained by dozens of gardeners and its cleanliness is ensured by another dozen of sweepers and scavengers, active all through the day. The plants of the campus vary widely – coconut to black-berry, red-sandalwood to teak and almond to neem. Several camps are conducted by PRIST Green Cell as well as N.S.S. for plantation and workshops on their medicinal usages, encouraging inculcation of an eco-friendly ethics in the students. Being pleased, the Forest Extension Division of the state of Tamil Nadu extended collaboration to set up a herbal garden in the campus, with more than 100 medicinal plants. The herbal garden is being used as a nodal repository both for educational camps for the students as well as for research for the bio-scientists of R&D, who have filed two patents for their pharmaceutical usages, currently pending. Presently, several xerophytic plants are being plants amidst the green lawns to reduce water consumption.

Hazardous wastes in the campus (which are basically, toxic, ignitable, corrosive, and reactive) are mostly generated from laboratories, and to a minor extent from construction sites (painting, plastering, etc.) and house-keeping (toiletries, etc.). The laboratory wastes (especially chemical labs and workshops) are neutralized and detoxified (Ion-exchange, precipitation, oxidation and reduction) followed by dilution, at the neighbouring canal (periodically monitored before and after discharge) or returned to venders. The infective and biological wastes generated from the biological laboratories and animal house are being autoclaved and incinerated (as per the waste-typed) and laboratories are periodically fumigated for ensuring safe-working environment.

As an extension of social responsibility to deal with ever-increasing generation of solid-wastes, the University has also been associated with carrying out projects in developing and characterizing concretes with fly-ash, fibre-reinforced plastics, and so forth. Besides, many of the campus constructions, the fly-ash bricks have been used, instead of regular concretes (using ordinary Portland cement).

Being an institute meant for research and training in frontier areas of science, humanities, management and technology, the usage of e-resources have been indispensable- starting from mobile and satellite communication, e-learning, and to a whole myriad of computer applications, electronic gadgetries. Hence, the management of e-waste has been an area of priority for the management. As an initial step, the usage of reliable brand of electronic equipment has been a policy for any purchase by management. Students are prohibited usage of mobiles in campus and also disposal of e-wastes. The consumable e-wastes such as used batteries, printer cartridge, CRT's and CD/DVD's are returned to the venders. The scrap computer and other electronic/electrical accessories, including batteries are returned back to the suppliers. Old and working computers are being distributed to charitable trusts and schools for their use, or students interested to carry out their projects. Besides, the students have also carried out projects for possible e-waste management (esp. chromium) through constructed wetland, which are being encouraged for further research in this area.

To create an eco-friendly ethics among students and staff, as a policy, management insist on printing using both sides of paper, e-mails used as substitute for circulars, teaching resources provided to students as soft copies, and so forth. The wastes are segregated at source and explored for their usage (vermi/composting, with huge accumulation of litters from the greens of the campus; incineration, recycling/reuse). The students are encouraged and rewarded through Green Cell to carry out innovative projects for environmental friendliness of the campus, carry out educational programmes in schools/communities and provide customised consultancies for local inhabitants (on water quality, soil quality, etc.)

Innovations

During the last four years, the following innovations are introduced to create a positive impact on the efficient functioning of the university

Academic

- Center for Development of Teaching & Learning (CDTL)
- Course Delivery Mapping
- E-Content Development Cell
- Peer Review of Teaching
- Course Portfolio
- Teaching Portfolio

Research

- Consultancy Services Cell
- University Scientists Forum
- Research Scholars' Journal club
- Students Innovation Park

Students Support

- Semester preparatory course
- Peer tutoring
- e-tutoring
- Student follow-up systems
- Center for Knowledge Management
- e-learning Incubator
- Degree Audit Tracking System
- Student Personal Development Planning

Quality

- University Task Force
- University SWOT Analysis
- PRIST Assessment Center
- Centre for Information Technology Integration
- Question Paper Quality index

Best Practices

During the last 5 years the institution has adopted several best practices in respect of curriculum, teaching and learning, research, student support services, quality. Among the various best practices adopted the institution would like to identify “University Task Force” (UTF), “Student Follow-up System” (SFS), “Student Personal Development Planning” (SPDP), Teaching Portfolio and “Course Delivery Mapping” as the most admirable best practices.

SWOC ANALYSIS OF THE INSTITUTION

Strengths

- The curricula and syllabi have been evolved utilizing the models of national and international institutions of repute and are updated regularly
- Employability, academic flexibility, and entrepreneurship are kept in mind while designing the syllabi
- The University ensures that the students are given study materials along with syllabi well-in-advance
- This University offers many value-added courses and skill development programmes
- Provides good lab facilities and other infrastructures, seminar halls, smart class rooms
- Provides good library resources to all students with sufficient quantity of books and journals
- Continuous internal assessment helps to understand the difficulty in teaching and learning processes
- Proper functioning of examination system and timely publication of results
- Feedback collection system and assessment are sound, which help in updating the curricula, so as to improve the teaching and learning process
- Faculty advisory system helps the students to be motivated in the latest developments of a subject and obtains authentic knowledge
- The University periodically recruits well trained research faculty
- Provides with sufficient infrastructure for research
- Established an organized structure of monitoring the research activities
- Established research collaborations with many national and international institutions of repute, resulted significant joint collaborating papers and projects
- Innovative and society –oriented research projects are promoted with University funding
- Research output by faculty members are significant over a period of 6 years
- The University has adopted several mechanisms and policies in promoting research culture on campus
- The University has conducted more than 120 extension activities, outreach programs and sensitization programs for the benefit of the society
- All departments are provided with sufficient class rooms, well-equipped practical and research laboratories, and uninterrupted power supply, library and computer facility.
- Common seminar halls and open auditorium are provided to conduct regular departmental, co-curricular and extracurricular activities.

- Central library is provided with sufficient facilities to cater the needs to the departments
- Each department is provided with sufficient computers and a telephone connection for inter-departmental and administrative communication to enhance their quality time for teaching and training.
- A separate four storied building has been recently constructed exclusively for research and knowledge resource system
- The University is governed by UGC under section 3 of the UGC Act, 1956. The admission, recruitment and salaries are fixed as per UGC guidelines.
- The Chancellor is the Founder of this institution. The Vice Chancellor is the Head of Institution, who governs the University functions, while the Finance Officer, who allocates and recommends the budget for proper functioning of the University.
- The utilization of funds is subject to internal and external audits and filed properly.
- Students are admitted after screening by the Admission Directorate, chaired by the Director-Admissions.
- The prompt decision making and implementation are actually made with proper feedback right from the students to faculty and outside experts.
- Almost all recommendations are collective, involving Heads of the Departments, Deans and Directors of the University.
- The major recommendations on policy decisions, investment, and infrastructure development are discussed in the Board of Management, held once in three months, and the decisions made unanimously.
- Separate hostel accommodation is provided for both men and women students
- Value-added programmes for advanced learners and remedial coaching classes and bridge courses for needy students are arranged
- Peer-tutoring is provided through advanced learners
- Faculty counseling system is active in preparing the students for higher studies
- Student cabinet has been formed to address the day-to-day issues
- Students are given campus placement opportunity
- Conducts many programs which can strengthen the students' interpersonal skills, intellectual skills and problem skills
- A number of curricular, co-curricular and extra-curricular activities like placement and preparation for competitive exams are regularly conducted for students' progression in higher studies and jobs.
- Innovative in-house students projects are supported and awarded
- Attendance and assessment results are submitted on-line periodically for timely publication of results.
- Accommodation is provided for scientists and research scholars at the R&D building itself to accelerate round the clock research activities

- The University has many innovative and best practices.
- A University Task Force is constituted t aiming at achieving excellence in the University.
- It has constituted an innovative centre called CDTL. This takes care of bringing all new innovative practices in teaching and learning.
- It has brought a new method of monitoring the course development process called course delivery mapping.
- E-content, e-learning peer-tutoring of teaching, course portfolio, teaching portfolio and e-tutoring system and POGIL are also introduced by the institution for the students
- Student follow-up system has been practiced
- Consultancy service cell, university scientist forum, research journal club are the innovative practices that the University has been working with
- Energy conservation and green audit are the additional components that brings credit to the University

Weakness

- It is difficult to get sufficient qualified faculty in engineering disciplines
- Lack of job opportunities for the students from rural background
- Difficulty in offering separate courses for international students
- The students' fee is the only source of income to the University. Meeting the expected standards within the budget is at times difficult, as budget is the driving force for all sorts of developments at the University.
- This University spends approximately 15% of budget to R&D, where the revenue generation cannot be accounted. In fact, such revenue earning exercises cost more than that of actual quantum of budget being spent on infrastructure development.

Opportunities

- Functioning of department clubs and community circles involve in the debate of curriculum design and development processes.
- Strategies to include community interaction for revision of syllabi may be worked out
- Credit sharing option between different programs in the University may be considered
- A policy may be worked out to attract more international students.
- Lab facilities and infrastructure available may be enriched to provide state-of-the-art consultancy services
- Periodic training opportunities are provided on project writing and proposal submission to attract more extramural funding among the faculty members

- Periodically recruiting well-trained staff members with the interest in teaching and research are considered and are being implemented
- The student events are partly funded by the University and it is legitimate that these events can at least partly be funded by the Gov
- The University is making its efforts to develop strategies to address the issues by improving admission and attracting large extramural support for R&D activities.
- There is big scope of consultancy services when increasing the infrastructural components.
- University Scientist forum and journal club for research scholars have really expanded the domain knowledge and vision for the growth. However, it needs to be expanded to undergraduate level as well for effective teaching and learning practices.
- This University has an opportunity to bring some more innovative practices in examination systems, assessment and best practices.

Challenges

- A common credit sharing policy, including credit normalization procedure, may be developed and adopted for all Universities
- Job-oriented co-curricular activities and student's internship need to be included to attract students
- Periodic training and faculty development programs are conducted for faculty members to handle the subjects of options
- Virtual learning processes are planned to be incorporated in the curricula to accelerate the thinking ability of the students
- Students entering the Universities may be classified into four categories: 1, job-oriented; 2, General benefits of becoming educated; 3, maturation and personality development; and 4, competitive and achieving. Therefore, our strategies in bringing quality teaching and learning may be reframed according to the students' need.
- Students are to be given assignments in such a way that it can improve their interpersonal skills, social responsibilities, leadership qualities, creative thinking abilities, organizational skills, problem solving skills, etc. Therefore, it is important to not to overload curriculum content, but allow the students achieve deeper understanding on the subject matter and develop the above mentioned qualities, than simply nurturing them as memory disc
- .Attracting qualified faculty in engineering disciplines is a difficult task in the current scenario.
- The teachers' quality and quality of teaching are primarily determined by students' admission. The admission scenario in engineering colleges and University is poor as there are no much appropriate job opportunities for engineering graduates
- In research, huge investment is required for anything to be implemented, including recruiting quality professionals to purchase of

chemicals and equipment for promoting research culture on campus. In most Deemed Universities, this investment is being managed from students' admission fee. Students do not prefer the institution if they are not getting stipend. It is also difficult to get stipend for many scholars. Despite these practical difficulties, this University is trying its risk to invest significant portion of budget to R&D and maintain the quality.

- A uniform policy on learning resources may be made available from the Government website as part of implementing and promoting higher education in India. These sources may be uniformly aligned and made accessible to every student
- The University has all required major infrastructure for teaching and learning and research, but the fall in admission is due to its status among 44-lists of Universities, Balanced higher education and industrial growth are required to take the nation to be globally recognized for its growth.
- Faculty strength and time schedules are the biggest challenges in implementing the practices other than teaching and learning. As the faculty are busy in classroom teaching, any distraction other than teaching and conducting practical classes affecting the students' output.

PROFILE OF THE UNIVERSITY

PROFILE OF THE UNIVERSITY

1. Name and Address of the University:

Name	Ponnaiyah Ramajayam Institute of Science & Technology (PRIST)	
Address		
City	Pin: 613 403	State: Tamilnadu
Website	www.prist.ac.in	

2. For Communication:

Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Vice Chancellor	Dr.N.Ethirajalu	O:04362-265017 R:	9443147645	04362-265150	vicechancellor@prist.ac.in
Registrar	Dr.Kailasam Koumaravelou	O:04362-265015 R:	9443309034	04362-265150	registrar@prist.ac.in
Steering Committee/ IQAC Co-Ordinator	Dr.S.Audithan	O:04362-26016 R:	9443402775	04362-265150	saudithan@gmail.com

3. Status of the University:

State University

State Private University

Central University

University under Section 3 of UGC (Deemed University) Institutions of National Importance

Any other (Please Specify)

-
-
-
-
Deemed University Private

4. Type of University:

Unitary

Affiliating

√

5. Sources of Funding:

Central Government ☐

State Government ☒

Self-Financing ☐

Any other (Please Specify)

6. a. Date of establishment of the University : 04.01.2008

b. Prior to the establishment of the University, Was it a/an

i. PG Centre	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
ii. Affiliated College	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
iii. Constituent College	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
iv. Autonomous College	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
v. Any other (Please specify)				

If yes, give the date of establishment : **28.06.1994**

7. Date of recognition as a university by UGC or any other national agency:

Under Section	dd	mm	yyyy	Remarks
i. 2f of UGC*	-	-	-	-
ii. 12B of UGC *	-	-	-	-
iii. 3 of UGC Act 1956	04	01	2008	-
iv. Any other ^ (specify)	-	-	-	-

* Enclose certificate of recognition.

Enclose notification of MHRD and UGC for all courses / programmes / campus/ campuses.

^ Enclose certificate of recognition by any other national agency/agencies, if any.

8. Has the University been recognized?**a. By UGC as a University with Potential for Excellence?**Yes ☐ No ☒**b. For its performance by any other governmental agency?**Yes ☒ No ☐

Date of recognition :

DSIR : F.No.11/489/2008-TU-V dated 05.06.2014

9. Does the university have off-campus centres?Yes ☐ No ☒**10. Does the university have off-shore campuses?**Yes ☐ No ☒**11. Location of the campus and area:**

	Location*	Campus area in acres	Built up area in sq.mts
i. Main campus area (rural)	Trichy- Thanjavur Highway, Vallam,	25.56	51768.55
ii. Other campuses in the country	-	-	-
iii. Campuses abroad	-	-	-

(* Urban, Semi-Urban, Rural, Tribal, Hilly Area, Any other (please specify))

If the university has more than one campus, it may submit a consolidated self-study report reflecting the activities of all the campuses.

12. Provide information on the following: In case of multi-campus University, please provide campus-wise information.

• Auditorium/seminar complex with infrastructural facilities :

Available

• Sports facilities

S. No	Name of the Facility	Nos. Available
1	Foot Ball Field	1
2	Basket Ball Court	1
3	Volley ball Court	2
4	Throw ball Court	2
6	Cricket Ground	1
7	Tennis Court	2
8	Ball Badminton Court	1
9	Badminton Court	1

10	400mts Track	1
11	Hockey Field	1
12	Kabaddi	2
13	Carom Board	8
14	Table Tennis	3
15	Kho – Kho	2

*** playground : 1**

GYM EQUIPMENT NAMES

- 1. TREDMILL**
- 2. BARBELLS**
- 3. BENCH PRESS**
- 4. HAMMER STRENGTH MACHINE**
- 5. DUMB BELLS**
- 6. PULL UP BAR**
- 7. LAT PULL DOWN(FRONT) MACHIM**
- 8. LAT PULL DOWN (BACK) MACHIN**
- 9. LEG PRESS**
- 10. LEG EXTENSION MACHIN**
- 11. LEG CURL MACHIN**
- 12. ABDOMINAL BENCH**
- 13. LATERAL RAISE MACHINE**

• Hostel

Boys' hostel

- | | | |
|----------------------|---|--|
| i.Number of hostels | : | 2 |
| ii.Number of inmates | : | 84 |
| iii.Facilities | : | Recreation Rooms
Common Room
Reading Room
Wi-Fi facility
Safe Drinking Water
Dining Hall
Indoors Sports Room |

Girls' hostel

- | | | |
|---------------------|---|---|
| i.Number of hostels | : | 1 |
|---------------------|---|---|

ii.Number of inmates	:	78
iii.Facilities	:	Recreation Rooms Common Room Reading Room Wi-Fi facility Safe Drinking Water Dining Hall Indoors Sports Room
Working women's hostel	:	Not Applicable
i.Number of hostels		
ii.Number of inmates		
iii.Facilities		
▪ Residential facilities for faculty and non-teaching	:	Not Available
▪ Cafeteria	:	3
Health centre – Nature of facilities available – - outpatient, ambulance, emergency care facility, etc.	:	Medical Officer inpatient, available
		<ul style="list-style-type: none"> • Out Patient Clinic • Emergency care facility • Biochemical laboratory • Clinical laboratory • X-Ray Unit • Generator • Ambulance • Free Medical Aid
• Facilities like banking, post office, book shops, at Vallam etc.	:	Available
• Transport facilities to cater to the needs of the students and staff	:	54 buses are available to the needs of the students and staff

- Facilities for persons with disabilities:
 - Ramps are provided for the easy access to buildings by the disabled persons.
 - Wheel-chairs are provided in each block for the benefit of disabled students
 - Disabled-friendly toilet facility is made available in the rest rooms.
 - Lecture Halls for disabled students are provided in the ground floor
- Animal house** : Yes
- Incinerator for laboratories : Flume Chambers are provided in laboratories where ever required
- Power house : Yes
- Waste management facility : Yes

13. Number of institutions affiliated to the university

Type of College	Total	Permanent	Temporary
Arts, Science and Commerce	Not Applicable		
Law			
Medicine			
Engineering			
Education			
Management			
Other (Specify and Provide details)			

14. Does the University Act provide for conferment of autonomy (as recognized by the UGC) to its affiliated institutions? If yes, give the number of autonomous colleges under the jurisdiction of the University

Yes No ☒ Number

15. Furnish the following information:

Particulars	Number	Number of students
University Department		
Under graduate	14	1165
Post graduate	21	163

Research centres on the Campus	18	165
a. Constituent Colleges	Not Applicable	
b. Affiliated Colleges		
c. College under 2(f)		
d. College under 2(f) and 12 B		
e. NAAC accredited Colleges		
f. Colleges with Potential for Excellence (UGC)		
g. Autonomous Colleges		
h. College with Postgraduate Departments		
i. College with Research Departments		
j. University recognized Research Institute/ Centres		

16. Does the university conform to the specification of Degrees as enlisted by the UGC?

Yes ☒ No ☐

If the university uses any other nomenclatures, please specify.

17. Academic programmes offered by the university departments at present, under the following categories: (Enclose the list of academic programmes offered)

Programmes	Number
UG	14
PG	21
Integrated Masters	-
M.Phil.	12
Ph.D.	18
Integrated Ph.D.	2
Certificate	20
Diploma	12
PG Diploma	8
Any other (please specify)	
Total	107

18. Number of working days during the last academic year:

206

19. Number of teaching days during the past four academic years.

178	174	179	175
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(‘Teaching days’ means days on which classes were engaged. Examination days are not to be included)

20. Does the University have a department of Teacher Education?

Yes ☒ No ☐

If yes,

a. Year of establishment : 2005

b. NCTE recognition details (if applicable) :

F.SRO/NCTE/APSO/7649/M.ED/TN/2015-16/66288
Notification No. DATE : 06.11.2007

F.SRO/NCTE/APSO/3278/B.ED/TN/2015-16/66284
DATE : 14.11.2005

c. Is the department opting for assessment and accreditation separately?

Yes ☐ No ☒

21. Does the university have a department of Physical Education?

Yes ☐ No ☒

If yes,

c. Is the department opting for assessment and accreditation separately?

Yes ☐ No ☒

22. In the case of Private and Deemed Universities, please indicate whether professional programmes are being offered?

Yes ☒ No ☐

If yes, please enclose approval / recognition details issued by the statutory body governing the programme.

UGC (Institutions Deemed-to-be-Universities) Regulations, 2010 is not applicable. The matter is pending with Honourable Supreme Court of India. As per MHRD notification No.F.2-1/2006 U.3(A) dated April 7, 2006

“It is not a pre-requisit for an institution notified as a ‘deemed-to-be-university’ to obtain the approval of the AICTE to start any programme in

technical or management education leading to an award, including degrees in disciplines covered under AICTE Act, 1987”.

23. Has the university been reviewed by any regulatory authority? If so, furnish a copy of the report and action taken there upon.

No

24. Number of positions in the university -

Positions	Teaching faculty			Non-teaching staff	Technical staff
	Professor	Associate Professors	Assistant Professor		
Sanctioned by the UGC / University / State Government <i>Recruited Yet to recruit</i>	28	41	135	114	54
Number of persons working on contract basis	Nil				

25. Qualifications of the teaching staff

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	Nil						
Ph.D.	26	2	33	9	2	1	73
M.Phil.	-	-	-	-	40	26	66
PG	-	-	-	-	40	27	67
Temporary teachers							
Ph.D.	Nil						
M.Phil.							
PG							
Part-time teachers							

Ph.D.	Nil
M.Phil.	
PG	

26. Emeritus, Adjunct and Visiting Professors.

	Emeritus	Adjunct	Visiting
Number	1	12	18

27. Chairs instituted by the University:

	Chairs
School / Department	4

28. Students enrolled in the university departments during the current academic year, with the following details:

STUDENTS	UG		PG		Integrated Masters		M.Phil		Ph.D		Integrated Masters		D.Litt/D.Sc		Certificate		Diploma		PG Diploma	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
From the state where the university is located	212	81	25	28	-	-	26	24	17	3	-	-	-	-	-	-	-	-	-	-
From other states of India	28	36	26	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NRI students	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Foreign students	2	1	2	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-

Total	242	11 8	5 3	33	-	-	2 7	2 4	1 8	3	-	-	-	-	-	-	-	-	-
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*M - Male *F – Female

29. 'Unit cost' of education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

- (a) including the salary component = Rs. 45,000/-
(b) excluding the salary component = Rs.25,000/-

30. Academic Staff College

Centre for Development of Teaching & Learning

•Year of establishment: 2010

31. Does the university offer Distance Education Programmes (DEP)?

Yes ☐ No ☒

32. Does the university have a provision for external registration of students?

Yes ☐ No ☒

33. Is the university applying for Accreditation or Re-Assessment? If Accreditation, name the cycle.

Accreditation:

Cycle 1 ☒ Cycle 2 ☐ Cycle 3 ☐ Cycle 4 ☐

Re- ☐ Assessment:

34. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: (dd/mm/yyyy), Accreditation outcome/Result

Cycle 2: (dd/mm/yyyy), Accreditation outcome/Result

Cycle 3: (dd/mm/yyyy), Accreditation outcome/Result

Cycle 4: (dd/mm/yyyy), Accreditation outcome/Result

* Kindly enclose copy of accreditation certificate(s) and peer team report(s)

35. Does the university provide the list of accredited institutions under its jurisdiction on its website? Provide details of the number of accredited affiliated / constituent / autonomous colleges under the university.

Not Applicable

36. Date of establishment of Internal Quality Assurance Cell (IQAC) and

dates of submission of Annual Quality Assurance Reports (AQAR).

IQAC : 22/06/2010

37. Any other relevant data, the university would like to include (not exceeding one page)

- Ponnaiyah Ramajayam College (Parent Institution) has been awarded “A” Grade in the year 2004 by “NAAC”.
- The University is located in the rural area and helping the students from rural area to get educated themselves in the area of Engineering, Technology, Arts, Sciences and Management studies.
- Student enrollment in every academic year is having 90% first generations students.
- The function of the University is monitored by University Task Force Committee (UTF) to bring academic excellence.
- The University follows a unique system called Students Follow-up System (SFS) for continuous monitoring of the academic progression of each student enrolled.
- The University maintains transparency in terms of academic and administrative policies in implementation.
- The University has evolved a unique procedure of evaluation of student’s academic performance in both theory and practical courses.
- The University has adopted a well structural and Scientific Quality Management System following an ISO 9001:2008 standard.

CRITERIA-WISE INPUTS

CRITERIA-WISE INPUTS
CRITERION I : CURRICULAR ASPECTS
Curriculum Design and Development

1.1.1. How is the Institutional vision and mission reflected in the academic programs of the University?

The University is offering a variety of academic programmes at Undergraduate/Postgraduate/M.Phil/Ph.D/Diploma and Postgraduate Diploma levels in the Schools of Engineering and Technology, Arts and Science, Education, Commerce and Management Studies, keeping in view of the vision, mission and objectives of the University. The academic programmes offered in Engineering and Technology contributes to the industry by way of providing enriched human resources. The academic programmes in basic sciences are being offered to promote and develop scientific research in the country. The programmes in Education are offered with an objective of producing promising teachers to the society. The programmes in Commerce and Management are offered with an aim to generate leaders for the corporate. Interdisciplinary and multidisciplinary programmes are offered to meet emerging needs of the economy. Thus it is evident that the academic programmes offered by the University are very much relevant to the needs of the industry, economy and society. Moreover, the curriculum for various academic programmes are designed by taking into consideration the needs of the society, regional needs, emerging trends, stakeholder's expectations, industrial needs, National development, global demand etc., Further, this Institution has joined hands with reputed industrial organizations of high profile that involves leading industrialist, eminent academicians and scientists from institutions of National and International repute for updating the curriculum in order to achieve the Institution's mission of providing Quality education on par with leading International Universities.

1.1.2. Does the University follow a systematic process in the design and development of the curriculum? If yes, give details of the process (need assessment, feedback, etc.)

Yes.

The systematic process of 'Curriculum Design and Development' is clearly outlined in the "**Curriculum Design and Development Manual**", published by the University.

Each department has a **Department Academic Committee** and a **Board of Studies**. The Board of Studies includes eminent academicians from other University, representatives from the industry and student representatives. The Department Academic Committee will carry out the need assessment based on feedback on curriculum collected from academic experts, students, alumni, employers, parents etc., demand analysis, industrial requirements, regional needs, emerging trends, Global demands and guidelines and standards prescribed by the regulatory bodies like UGC, AICTE, NCTE etc., The need assessment outcome will be placed before the Board of Studies. The draft curriculum will be discussed in detail in the meeting of Board of Studies and the final draft curriculum will be placed before the Academic Council for final approval.

1.1.3. How are the following aspects ensured through curriculum design and development?

Each Department is very keen to maintain innovation and research as its core strengths and to take initiatives to ensure employability while designing and developing the curriculum for various academic programmes offered by it.

- **Employability:**

Employability is ensured by designing and developing the curriculum after taking into consideration the needs of employers, regional needs, current trends in the job market, domain knowledge, need based training skills etc., Experiential learning and experimentation are made as integral part of the curriculum. University-Industry driven Sandwich academic programmes are also offered in order to ensure employability. Moreover, course on communication skills and computer packages are included in the curriculum to enhance the employability to the students.

- **Innovation:**

It is ensured through identifying the challenges on regional, national and global levels and incorporating them in the curriculum to develop in-depth understanding among the students and conducting workshops and seminars to develop hypothesis and strategies to innovate and circumvent the challenging problems.

- **Research:**

Research is ensured in the curriculum through introducing student project as a part of the curriculum. Students are given

complete academic freedom to choose their own topics for projects and to utilize all necessary infrastructural facilities available in the campus for successful completion of the project. Moreover, students are requested to take the guidance of the faculty while undertaking the project in the final semester of their programme. Thrust areas of research are identified in each department and students are encouraged to choose their topics for project in the identified thrust areas. University also provides seed money for students innovative projects.

1.1.4. To what extent does the University use the guidelines of the regulatory bodies for developing and/or restructuring the curricula? Has the University been instrumental in leading any curricular reform which has created a National impact?

- The University develops and restructures the curricula as stated in section 1.1.2, by strictly adhering to the guidelines and standards of regulatory bodies such as UGC, AICTE and NCTE etc.
- In fact, this University went one step ahead by consulting with the academic experts, who served for NAAC, UGC, AICTE and NCTE, while designing the curriculum.
- This University is offering several innovative courses, like Clinical Microbiology, Clinical Biochemistry, Biotechnology and Nanotechnology. Academic programs on “Disaster Management”, has recently been introduced, which has a National impact.

1.1.5. Does the University interact with Industry, research bodies and the civil society in the curriculum revision process? If so, how has the University benefitted through interactions with the stakeholders?

Yes.

- While revising the existing curriculum , the valid inputs derived from the feed back on curriculum collected from academic experts , Students , Alumni , Industrialists , Employees , Parents etc , are given due consideration. Moreover, the opinion of the civil society and suggestions of eminent scientists from research organizations are also taken as input for the revision of the curriculum. The draft revised curriculum is discussed in length in the Board of Studies, which includes academic experts from other reputed Universities and Industry representatives. Further, the University used to invite eminent persons from prominent industries and research organizations as resource persons and guests for the various

seminars / workshops / conferences / symposia etc., organized by the department .This gives an opportunity for the department faculty to interact with the experts and get their most valuable suggestions in respect of the proposed curriculum revision.

- Because of such interactions, this University has benefited, in terms of providing suitable opportunities to pursue innovative research projects of industrial importance onsite and placing our students in high-profile industries, research organizations and Institutions.

1.1.6. Give details of how the University facilitates the introduction of new programmes of studies in its affiliated colleges.

Not Applicable, as the University is of unitary type.

1.1.7. Does the University encourage its colleges to provide additional skill-oriented programmes relevant to regional needs? Cite instances (not applicable for unitary universities).

Not Applicable, as the University is of unitary type.

1.2. Academic Flexibility

1.2.1. Furnish the inventory for the following:

Programmes taught on campus

A. SCHOOL OF ENGINEERING AND TECHNOLOGY

1. Undergraduate Programmes

Programme	Department / Specialization
B.Tech.	Civil Engineering
	Computer Science and Engineering
	Electrical and Electronics Engineering
	Electronics and Communication Engineering
	Mechanical Engineering

2. Postgraduate Programmes

Programme	Department / Specialization
M.Tech.	Environmental Engineering
	Structural Engineering
	Computer Science and Engineering
	Power Systems
	Power Electronics and Drives
	Applied Electronics
	Communication Systems
	Manufacturing Technology
	Disaster Management

3. Research Programmes

Programme	Department / Specialization
Ph.D.	Civil Engineering
	Computer Science and Engineering
	Electrical and Electronics Engineering
	Electronics and Communication Engineering
	Mechanical Engineering

- Integrated M.Tech - Ph.D programme in Environmental Engineering are also being offered.

B. SCHOOL OF ARTS AND SCIENCES

Programme	Degree	Specialization
Undergraduate	B.Sc	Mathematics
		Physics
		Chemistry
		Computer Science
	B.C.A	Computer Applications
	B.A	English
Postgraduate	M.Sc	Mathematics
		Physics
		Chemistry
		Clinical Biochemistry
		Clinical Microbiology
		Biotechnology
		Computer Science
	M.C.A	Computer Applications
	M.A	English
Research	M.Phil	Mathematics
		Physics
		Chemistry
		Biochemistry
		Microbiology
		Biotechnology
		Computer Science
		English
		Tamil
	Ph.D	Mathematics
		Physics
		Chemistry
		Biochemistry
		Microbiology
		Biotechnology
		Computer Science
		Computer Applications
		English
		Tamil

Integrated M.Sc. - Ph.D programme in Bio-Technology are also being offered.

C. SCHOOL OF EDUCATION

Programme	Degree	Specialization
Undergraduate	B.Ed.	Education
Postgraduate	M.Ed.	Education
Research	M.Phil.	Education
	Ph.D	Education

D. SCHOOL OF COMMERCE AND BUSINESS MANAGEMENT

Programme	Degree	Specialization
Undergraduate	B.Com	Commerce
Postgraduate	M.Com	Commerce
Research	M.Phil.	Commerce
	Ph.D	Commerce
Undergraduate	B.B.A	Business Administration
Postgraduate	M.B.A	Business Administration
Research	M.Phil.	Business Administration
	Ph.D	Business Administration

- **Overseas programmes offered on campus** – This University does not offer Overseas programs
- **Programmes available for colleges to choose from** – Not Applicable, as this University is of unitary type.

1.2.2. Give details on the following provisions with reference to Academic flexibility

a. Core / Elective options:

In each School, at the time of admission, a student can choose the core subject of his/her choice at UG/PG levels. Subsequently, he/she can opt for elective courses/skill based elective courses, free elective courses, prescribed in the curriculum of his/her chosen programme of study. The details of core options are given in the admission brochure, published by the University. The details of

electives/skill based electives/free electives are given in the curriculum handbook of the programme of study concerned. The entire range of academic flexibility is given in the '**Handbook on Academic Flexibilities**', published by the University.

b. Enrichment Courses:

In order to develop the knowledge and skills of the students, add-on enrichment courses on soft skills, communication skills, ethics and human values, entrepreneurship development, research methodology, foreign language, Yoga etc., are offered.

c. Courses offered in modular form:

The University offers all courses in modular form.

d. Credit accumulation and transfer facility:

The University is offering the facility of Inter-Institutional Credit Transfer with selected reputed institutions, with whom, the University has signed MoU.

The University has evolved a well defined '**Credit Transfer Policy**' for offering the Inter-Institutional Credit transfer facility to the students.

e. Lateral and vertical mobility within and across programmes, courses and disciplines:

Lateral Entry admission provision is made available for students in all B.Tech. programmes and MCA programme.

Candidate having successfully completed the polytechnic/B.Sc. degree from Physics, Mathematics and Chemistry courses are eligible to get admitted to second year B.Tech programme as Lateral entry.

Candidates having completed B.Sc. degree from Computer Science, Computer Applications and Information Technology are eligible to secure admission to second year MCA programme as Lateral entry.

The University allows vertical mobility within and across the programmes, courses and disciplines.

1.2.3. Does the University have an explicit policy and strategy for attracting International students?

Yes.

The University has as an explicit policy and strategy for attracting the international students. The Centre for International Relations plays a vital role in attracting the international students. The Dean

(International Students Services) takes care of the welfare of the international students.

Separate Hostel facility is made available for international students. Wi-Fi facility is provided to the international students and separate internet browsing facility is made available for the students. Special courses for learning regional language are provided. Special care has been taken by the Dean (International Students Services) for the safety, security and health of the international students.

The Dean (International Students Services) will also help the international students by way of issuing necessary certificates so as to enable them to secure visas comfortably. The fee structure for the international students is kept as moderate, so as to secure more number of international students from various countries.

During the last four years, 25 international students have been admitted in academic programmes at UG/PG/PhD levels.

Academic Year	UG		PG		PhD	
	Arts / Science	Engg. / Tech.	Arts / Science	Engg. / Tech.	Arts / Science	Engg. / Tech.
2012-2013	1	2	-	1	-	-
2013-2014	3	1	-	-	-	-
2014-2015	5	2	1	3	-	-
2015-2016	3	-	1	1	-	-
	12	5	2	5	1	-
Total	17		7		1	

1.2.4. Have any courses been developed targeting International students? If so, how successful have they been? If 'no', explain the impediments.

- No, it is difficult to offer a separate course for International students if the strength is below 10.
- However, the University is working out the possibilities to improve the International takers.

1.2.5. Does the University facilitate dual degree and twinning programmes? If yes, give details.

- This University has already signed a MoU with South Dakota School of Mines and Technology, SD, USA to offer dual degree and

twinning programmes with its collaborator.

1.2.6. Does the University offer self-financing programmes? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programmes?

Yes.

- This is a self financing Institution. All programs offered by this University as in section-1.2.1 are self-financed. The policies regarding admission, teacher qualification and salary are as per UGC norms, where as the fee structure is as per the guidelines of the Government of Tamilnadu.

1.2.7. Does the University provide the flexibility of bringing together the conventional face-to-face mode and the distance mode of education and allow students to choose and combine the courses they are interested in? If ‘yes,’ give operational details.

At present, the University is not offering programmes under the distance mode, even though, it has applied to DEB for grant of approval to offer programmes under distance mode.

1.2.8. Has the University adopted the Choice Based Credit System (CBCS)? If yes, for how many programmes? What efforts have been made by the University to encourage the introduction of CBCS in its affiliated colleges?

- All academic programmes offered by this university at UG/PG/M.Phil. levels are under CBCS only.
- All the academic programs offered in this University are **Outcome based**. A **Hand Book on “Program Educational Objectives” (PEO)** has been published by the University.

1.2.9. What percentage of programmes offered by the University follow:

PROGRAM TYPE	PERCENTAGE (%)
Annual system	0
Semester system	100
Trimester system	0

**1.2.10. How does the University promote Inter-disciplinary programmes?
Name a few programmes and comment on their outcome.**

- The University offers the following inter-disciplinary programmes
 - M.Sc. Clinical Bio-Chemistry
 - M.Sc. Clinical Micro-Biology
 - M.B.A. Shipping & Logistics Management
 - M.Tech. Remote Sensing
 - M.Tech. Environmental Engineering
 - PG Diploma Computational Biology
 - PG Diploma Renewable Energy & Energy Management
 - PG Diploma Data Mining
 -

The response for these inter-disciplinary programmes was good.

1.3. Curriculum Enrichment

1.3.1. How often is the curriculum of the University reviewed and upgraded for making it socially relevant and/or job oriented / knowledge intensive and meeting the emerging needs of students and other stakeholders?

To make the curricula more socially relevant and up-to-date with the job market, and to meet the emerging regional and social needs, the curriculum for all academic programmes is reviewed and upgraded at least once in 3 years.

However, whenever changes of trend in job market, changes in the regional, national and global needs warrants, the curriculum will be revised at anytime. Further all departments are convening the meeting of board of studies in each academic year to discuss about various academic matters.

1.3.2. During the last four years, how many new programmes at UG and PG levels were introduced? Give details.

- In the last four years, 8 new programmes at PG/PG Diploma levels were introduced as Inter-disciplinary and 5 new programmes were introduced at PG level under emerging areas which are as follows:

Inter-disciplinary Programmes:

- M.Sc. Clinical Bio-Chemistry
- M.Sc. Clinical Micro-Biology
- M.B.A. Shipping & Logistics Management
- M.Tech. Remote Sensing
- M.Tech. Environmental Engineering
- PG Diploma Computational Biology
- PG Diploma Renewable Energy & Energy Management
- PG Diploma Data Mining

Programmes in Emerging areas:

- M.Sc. Clinical Biochemistry
- M.Sc. Clinical Microbiology
- M.Tech. VLSI & Embedded Systems
- M.Tech. Nanotechnology
- M.Tech. Disaster Management

1.3.3. What are the strategies adopted for the revision of the existing programmes? What percentage of courses underwent a syllabus revision?

The University is having the policy of revising all the existing programmes atleast once in three years. However, whenever changes of trend in job market, changes in the regional, national and global needs warrants, the curriculum will be revised as and when required even before the end of three years duration.

The University is adopting the following strategies for revising the curriculum for the existing programmes:

- Feedback on curriculum collected from academic experts/educationalists, eminent personalities from industries, alumni, employers and parents will be taken as the main input for revising the curriculum.
- Industrial needs, job needs, expectations, regional, national and global needs will be given due consideration while revising the curriculum.
- Curriculum revision will be made by adhering to the guidelines and standards of regulatory bodies such as UGC, AICTE, NCTE, etc.
- While revising the existing programme sufficient care will be taken to preserve the following:
 - Provision for experiential learning for students.
 - Value based education for students.

- Inter-disciplinary approach to the curriculum.
- Meeting regional, national and global requirements.
- Imparting in-depth knowledge in the core field.
- Covering emerging areas in the field concerned.
- Employability

100% of academic programmes offered by this University underwent syllabus revision in the recent years.

1.3.4. What are the value-added courses offered by the University and how does the University ensure that all students have access to them?

Yes.

The following are some of the prominent **Value-Added Courses** offered by the University:

1. Diploma Programmes

Mass Communication
Production Management
Air-Condition Mechanism
Fresh Water Fish Culture
Medical Lab Technology
Tamil Journalism
English Journalism
Self-Help Group
Management
Quality Management
Food Preservation
Technology
Mushroom Cultivation
and Vermi Composting
Yoga

2. PG Diploma Programmes

Marketing Management
Bio Fertilizers
Aqua Culture
Textile Processing
Computer Application
Human Resources
Management
NGO Management
Sociology Health
Computer Accounting
Procedure and Tally

3. Certificate Courses

DTP and Office
 automation
 Travel and Tourism
 Women Empowerment
 Graphics and Web
 Designing Training
 Quantitative Aptitude and
 Reasoning
 Call Centre Training
 Drug Store management
 CAD/CAM
 NDT in Welding
 CISCO Certification
 VLSI
 Interview Skills
 Leadership Training
 Time Management
 Disaster Management and
 First Aid Training
 Entrepreneurship
 Awareness
 Yoga and Meditation
 Customer Service
 Training
 Indian Constitution
 Confidence Building

- The students can undergo the above mentioned add-on courses concurrently.

Moreover, the University offers the following **Value Addition courses**, which are included in the curriculum itself:

- Environmental Science.
- Communicative English.
- Computer Package.
- Soft Skills.
- Foreign Language.

This makes it possible for all students to undergo these courses.

1.3.5. Has the University introduced any higher order skill development programmes in consonance with the national requirements as outlined by the National Skills Development Corporation and other agencies?

The NSDC has identified the number of areas for the purpose of

introducing higher order skill development programmes.
Keeping this in mind, the academic programmes have been offered in the following areas to the students so as to develop their higher order skills:

- Engineering Design and Analysis.
- VLSI design and Image Processing Systems.
- Embedded systems.
- Mechatronics.
- Software training for students and under privileged candidates.
- Industrial pollution control techniques.
- Computer usage training programs.
- Marketing Management
- Human Resource Management
- Communication skills
- CISCO
- ORACLE DBA
- Entrepreneurship awareness

1.4. Feedback System

1.4.1. Does the University have a formal mechanism to obtain feedback from students regarding the curriculum and how is it made use of?

Yes.

- The University is having a formal mechanism to collect the following feedback from Students:
 1. Feedback on curriculum.
 2. Feedback on academic programme experience.
 3. Feedback on course experience
 4. Student's satisfaction questionnaire.
 5. Feedback on examinations.
- The collected students feedback on curriculum is scrutinized by the Department Academic Committee and necessary input based on the feedback will be presented as the main input before the Board of Studies while discussing about the curriculum revision.

1.4.2. Does the University elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods such as conducting webinars, workshops, online discussions, etc. and its impact.

Yes.

- While the National Seminar / Inter National Conference are organized, the University used to invite eminent academicians /educationalists from various Institutions of National/International repute. This gives an opportunity for the department faculty members to interact with the experts and obtain the feedback on existing curriculum and the valuable suggestions for the proposed revision of the curriculum.
- Feedback on curriculum is also obtained from external examiners at the time of Central Valuation organized by the examination section.
- The University has signed a MoU with a number of foreign universities for faculty exchange, students exchange and research collaboration. Feedback on curriculum is also obtained from department faculty who made visit to the Institution under faculty exchange programme.
- The feedback on curriculum is also obtained from academic experts through e-mail correspondence. Eminent national/international personalities are also invited for workshops/conferences and hold discussions on the curriculum development with the understanding on job market and progression for higher education.

1.4.3. Specify the mechanism through which affiliated Institutions give feedback on curriculum enrichment and the extent to which it is made use of.

This University is unitary type and do not have affiliated colleges.

1.4.4. What are the quality sustenance and quality enhancement measures undertaken by the University in ensuring the effective development of the curricula?

- A dedicated “**PRIST Assessment centre**” has been established in this university to monitor the curriculum quality and improvement. This centre works in close coordination with the “Centre for Development of Teaching and Learning (CDTL).
- Both centers involve all stakeholders on the process of curriculum development by: (i) feedback on curriculum; (ii) identifying constraints and necessity of update; and (iii) developing appropriate strategies to bring reforms and improve the Quality.
- The CDTL helps the system by organizing Faculty Development Programs, Peer-tutoring, and conducting workshops on curriculum reforms. The University has constituted a special “**Task Force**” that monitors and ensures the entire process of Quality sustenance and Quality enhancement.
- Giving predominant importance to the suggestions obtained during

university-industry interaction regarding design and development of curriculum.

- Introduction of value added courses.
- Promote inter-disciplinary approach in curriculum and research.
- Conducting invited guest lectures and training workshops by the eminent academicians from institutions of national importance and leading industrialists for ensuring effective development of curricula.

Any other information regarding Curricular Aspects which the University would like to include.

- The CDTL, CKM and University Task Force, besides IQAC, established some five years back, have proved to be highly useful for giving guidance in enhancing the Quality of curriculum.

CRITERION II : TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1.1 How does the University ensure publicity and transparency in the admission process?

Publicity

The University's parent institution Ponnaiyah Ramajayam College has a very good reputation of over 25 years for its contribution towards higher education with the motto of "Quality and Discipline" in this region and state. Besides, the University ensures wide publicity about the admission process in a phased manner. Admission notification is publicized through leading news papers at regional and national level and Institutional Website <http://www.prist.ac.in>. Admission prospectus containing the details of academic programmes offered, admission process and fees structure are made available to the prospective students seeking admission. In addition, the University is organizing State level Science Exhibition / Competition as well as "Open House Programmes" periodically to provide opportunity for the students from the state of Tamil Nadu to bring out their hidden talents and also to provide them an exposure about our institution in respect of academic programmes offered, learning infrastructure, facilities available and student support services offered.

Transparency

Prospective students are being informed about the institution admission process and there by transparency in admission process is ensured. Students admissions in programmes at under graduate and post graduate levels are based on the marks obtained by the candidates in the qualifying examination and as per the reservation policy of Government of Tamil Nadu. Merit lists are prepared and displayed on the notice board and institution website. The selection is taken care by the Central Admission Committee constituted by the Vice chancellor. The institution is having the policy of strictly adhering to the UGC guidelines in respect of students admissions.

Admission in M.Phil and Ph.D Programmes are made strictly as per the UGC (Minimum Standards and Procedures for awards of M.Phil / Ph.D Degree) Regulations, 2009.

2.1.2 Explain in detail the process of admission put in place by the university. List the criteria for admission: (e.g.: (i) merit, (ii) merit with entrance test, (iii) merit, entrance test and interview, (iv) common entrance test conducted by state agencies and national agencies (v) other criteria followed by the University (please specify). The University offers Under Graduate, Post Graduate, M.Phil and

Doctoral programmes in various disciplines. The applications for UG/PG/M.Phil are called for in the month of May whereas in the months of May and December for Doctoral Programmes. The selection of students for UG/PG Programmes is based on the marks obtained in the qualifying exam and by adhering to UGC guidelines. Entrance test is made compulsory for admission to M.Phil and Ph.D., Programmes. For Admissions in Ph.D., Programmes, personal interviews are also conducted besides the entrance examination to ensure the fitness of the candidates so as to maintain quality in Ph.D., Programmes. Admissions to M.Phil/Ph.D Programmes are being carried out strictly as per the UGC (Minimum Standards and Procedures for awards of M.Phil / Ph.D Degree) Regulations, 2009.

In addition to the Central Admission Committee, a Counseling team is also made available during the admission process in addition to the Admission Committee, which helps the students to make choice of their discipline / branch of study according to their caliber. The reservation policy of the Government is strictly adhered.

2.1.3 Provide details of admission process in the affiliated colleges and the University's role in monitoring the same.

Not Applicable, as the University is of unitary type.

2.1.4 Does the university have a mechanism to review its admission process and student profile annually? If yes, what is the outcome of such an analysis and how has it contributed to the improvement of the process?

Yes, the University is having a mechanism to review its admission process and student profile annually.

After each admission session, the Central Admission Committee will prepare a detailed report about the details of admissions made and profile of students admitted in that admission session. This report will be submitted to the Vice Chancellor. The detailed admission report will be scrutinized by a high level Committee constituted by the Vice Chancellor with members such as Registrar, Director (Admissions), Dean (Academic Affairs), Deans of Schools, Planning and Monitoring Board nominees etc. This high level Committee will evolve strategies to be adopted in the next Academic session in order to fill the gap, if any.

This sort of the admission process reviewing mechanism increases the satisfaction of stakeholders and helps to attract more students from other states.

2.1.5 What are the strategies adopted to increase / improve access for students belonging to the following categories:

- SC/ST

- OBC
- Women
- Persons with varied disabilities
- Economically weaker sections
- Outstanding achievers in sports and other extracurricular activities

The University has evolved the “Equality, Diversity, and Inclusion Policy” and “Policy on Services for Students with Disabilities”.

The strategies adopted to increase/improve access for:

- **SC / ST**

The statutory reservation policy is strictly adhered to during admission for providing access to SC and ST students. The students from such communities are extended with social welfare scholarships, hostel facilities, orientation programmes, pre-tertiary education bridge courses, English language communication bridge courses, remedial classes, pre-placement training and placement support. Steps are taken to prevent ragging and promote social equality among all students. Wi-Fi facilities and access to computers are provided for the students. Book Bank scheme is also provided for the students. Safety and security is provided by all means to them.

- **OBC**

The statutory reservation policy is strictly adhered to during admission for providing access to OBC students. The students from such communities are extended with social welfare scholarships, hostel facilities, orientation programmes, pre-tertiary education bridge courses, English language communication bridge courses, remedial classes, pre-placement training and placement support. Steps are taken to prevent ragging and promote social equality among all students. Wi-Fi facilities and access to computers are provided for the students. Book Bank scheme is also provided for the students. Safety and security is provided by all means to them.

- **Women**

Our University is well known for its quality and discipline in this state. The number of women faculty and students in our University is nearly 30 to 40 percent. This proves that a conducive atmosphere is available for the women in our campus and hence our University attracts a good number of them every year. Besides, separate transport facilities are also provided which avoids many gender related problems and ensures

their safety. A “**Women Empowerment cell**” and “**Women students Grievance Redressal Cell**” are also in force in our University. Lady physical directors are appointed to provide sports facility to the ladies in the university. All steps are taken to provide them safety and security.

- **Persons with varied disabilities**

As per the statutory reservation policy of the Government of Tamil Nadu, 3% of seats are allotted to the persons with varied disabilities .The welfare of differently abled students is taken there by adhering to the “University Policy on Services for Students with Disabilities (SSD)” evolved by the University. Ramps, wheel chairs, disabled friendly toilets are made available in all parts of the campus for the welfare of differently abled students. Special provision is made in the computer centre for disabled students. Classrooms are made available for disabled students in the ground floor itself. Scholarships and free ships are also provided to deserving students under this category.

- **Economically weaker sections of the Society**

The students from economically weaker sections of the society are provided with social welfare scholarships, fee concession, hostel facilities, orientation programmes, pre-tertiary education bridge courses, English language communication bridge courses, remedial classes, pre-placement training and placement support.

- **Outstanding achievers in sports and other extracurricular activities**

The statutory reservation policy is strictly adhered to during admission for providing access to outstanding achievers in sports and other extracurricular activities. They are encouraged to participate in all the events from National to International Level. They are provided with financial assistance and other amenities to participate in such events. Scholarships are also provided to them. Special remedial classes and make up tests are conducted for them.

2.1.6 No. of Students admitted in the University Departments in the last four academic years:

S.No	Academic year	Number of students
1	2011 - 2012	773
2	2012 -2013	701
3	2013 – 2014	718
4	2014 – 2015	593
5	2015 - 2016	375

2.1.7 Has the university conducted any analysis of demand ratio for the various programmes of the university departments and affiliated colleges? If so, highlight the significant trends explaining the reasons for increase / decrease.

Yes, the University is conducting demand analysis of various academic programmes offered by the different departments. Based on the outcome of demand analysis, the department will take initiatives for reviewing the courses and programmes offered by them.

Programme	No. Of Appl.	No. Of Students Admitted 2011-12	Demand Ratio	No. Of Appl.	No. Of Students Admitted 2012-13	Demand Ratio	No. Of Appl.	No. Of Students Admitted 2013-14	Demand Ratio	No. Of Appl.	No. Of Students Admitted 2014-15	Demand Ratio	No. Of Appl.	No. Of Students Admitted 2015-16	Demand Ratio
B. Tech	538	285	1.9	502	223	2.3	322	141	2.3	242	115	2.1	212	164	1.3
M. Tech	291	104	2.8	347	108	3.2	341	101	3.4	216	53	4	67	38	1.8
B. Sc.	318	21	3.7	254	29	3.2	293	34	3.15	269	33	3	194	93	1.4
B. A.		23			0			0			0			8	
B. C. A.		43			50			59			55			38	
M. Sc.	253	04	5	242	0	4.4	103	0	1.8	44	0	1.8	35	0	1.3
M. A.		04			0			0			0			0	
M. C. A.		43			55			58			24			28	
B. Com .	20	13	1.5	27	19	1.4	42	29	1.4	51	33	1.5	24	10	2.4
B.B. A.	25	13	1.9	17	14	1.2	26	24	1	47	29	1.6	29	24	1.2
M. Com	09	04	2.3	15	01	15	06	01	6	05	0	-	0	0	0
M.B. A.	138	58	2.4	115	56	2	77	57	1.4	44	24	1.8	26	12	2.1
B. Ed.	119	95	1.3	156	84	1.9	113	92	1.2	343	94	3.6	101	50	2

M. Ed.	4 1	24	1. 7	6 4	20	3. 2	2 2	20	1. 1	3 9	24	1. 6	1 0	08	1. 3
M.P hil	5 4 0	275	2	2 6 5	134	2	1 4 1	79	1. 8	2 0 3	133	1. 5	6 5	51	1. 3
Ph.D	1 1 0	92	1. 2	1 2 3	108	1. 1	9 4	80	1. 1	1 9	14	1. 4	2 6	20	1. 3

2.1.8 Were any programmes discontinued / staggered by the university in the last four years? If yes, please specify the reasons.

Yes.

M.Pharm

M.Tech – Applied Electronics

M.Tech – Power Electronics and Drives

Since there was poor response among the students for the above Programmes, they were discontinued.

2.2 Catering to Diverse Needs of Students

2.2.1 Does the university organize orientation / induction programme for freshers? If yes, give details such as the duration, issues covered, experts involved and mechanism for using the feedback in subsequent years.

Yes, The University organises orientation/Induction programmes for the freshers as per the “Policy on Students Induction” evolved by the University. The University organizes New Students Orientation Programme and Pre-Tertiary Education Bridge Courses for all the first year students for a minimum period of five working days at the beginning of first semester. During the orientation programme, the students will be elaborated about the academic regulations, rules of the University, infrastructure facilities and other amenities available in the University. The Head of the Department accompanies with students and parents for the department visit, in order to accustom to the new environment.

2.2.2 Does the university have a mechanism through which the “differential requirements of the student population” are analyzed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?

The University has a well defined mechanism for this purpose. The Entry Level Assessment is made in respect of all first year students admitted in various academic programmes offered by the University. The subject knowledge of the newly admitted students in the qualifying exams and their communication, comprehension and listening skills are assessed and recorded in the specified format. This is done by the Programme coordinator in coordination with the Head of the Department. Based on the recorded data, the students are categorized as

slow and advanced learners. The weaker areas of the slow learners are identified and necessary remedial programmes are organized by the department.

2.2.3 Does the university offer bridge / remedial / add-on courses? If yes, how are they structured into the time table? Give details of the courses offered, department-wise/faculty-wise?

Yes, based on the academic background of the admitted students, course prerequisites, the bridge courses are designed and offered by the academic departments. This is done in accordance with the “University Policy on Student Induction”. Add-on courses such as skill based elective courses, soft skill courses, and free elective courses are offered to the students. Extra credit courses are offered for the advanced learners. The slow learners are identified after the first Continuous Internal Assessment Test and remedial programmes are arranged for them in the respective departments.

2.2.4 Has the university conducted any study on the academic growth of students from disadvantaged sections of society, economically disadvantaged, physically handicapped, slow learners, etc.? If yes, what are the main findings?

Yes.

The IQAC of the University, in coordination with non-statutory committees such as Disadvantage Students Welfare Committee and Disabled students welfare committee, conducts frequent study on the academic growth of the students from disadvantaged sections of society, economically disadvantaged, differently abled and slow learners. CIA tests, Pre Semester Examinations and End semester Examinations are the indicators of performance of the Students. The main findings from such study are:

- 1) About 60 to 70 % of the SC/ST/OBC categories showed positive growth in studies.
- 2) The candidates belonging to economically disadvantaged sections showed a positive growth of 40 to 50%.
- 3) Differently abled students have shown a considerable growth.
- 4) The slow learners have improved their performance with the assistance of remedial programmes, peer tutoring and academic counseling.

2.2.5 How does the university identify and respond to the learning needs of advanced learners?

The continuous internal assessment tests are conducted during each semester. Based on the tests and class room participation, the advanced learners are identified by the class teachers. They are motivated by the teachers to get University ranks. Further they are

eligible to earn extra credits by means of studying extra credit courses. For UG Engineering Advanced Learners a special coaching programme for GATE exam is conducted in the campus and the students have benefited from it. Special coaching classes are provided for SLET and NET examinations. The post graduate students of Science, Commerce and Management studies are also encouraged to participate and present papers in intercollegiate level seminars and conferences. They are also engaged in Peer Tutoring and Peer Mentoring process. Special assignments such as mini projects are provided to them. Financial support is extended to the advanced learners to undertake most innovative projects there by giving them an opportunity to enhance their “Creative thinking” skills.

2.3 Teaching-Learning Process

2.3.1 How does the university plan and organise the teaching, learning and evaluation schedules (academic calendar, teaching plan, evaluation blue print, etc.)?

Academic calendar is prepared by the Department Academic Committee. The committee decides the requisite number of working days and contact hours per semester. The dates/schedules are presented in the academic calendar issued to every student and published in the University website prior to the commencement of the classes in every semester. It provides the academic plan to students, teachers and parents. Teachers are strictly adhering to the Academic Calendar with regard to course delivery, class test etc. Some of the details available in the academic calendar are dates of start and end of each unit of the courses, preparation of the comprehensive lesson plan for the semester by individual faculty members, dates for Submission of Assignments /Project Report/Thesis, Schedule for the periodical tests such as Cycle Test-I,Cycle Test-II and Presemester examination, Schedule of activities such as Conference, symposium, guest lectures, seminars, workshops, sports and cultural events, Last working day, Duration of study holidays & Government holidays, Schedule for the end semester Theory/Practical Examinations and dates of publication of results .Academic handbook containing the details such as University’s Vision and Mission, Admission requirements, Academic regulations, PRIST values are provided to the students at the beginning of their study at the University.

Each faculty functions according to the teaching plan prepared at the department level. The faculty follows a lesson plan, which contains the details regarding institutional objectives to be achieved, details of contents to be covered, the kinds of aids and the logistics to be used

inside the class room. Academic regulations manual is made available in the department for the reference of the staff members. Timetable is prepared and displayed on the notice board at the beginning of every semester. The departments also carry out internal assessment based on students test performance, attendance and assignments. Question Bank system is in existence. The final evaluation of students is done according to the University schedule. Towards the end of each session / semester, theory and practical examinations are conducted by the University and evaluation is carried out. The exam results are declared and score cards are issued. The students are given the privilege of taking photo copy of their answer scripts and applying for revaluation.

2.3.2 Does the university provide course outlines and course schedules prior to the Commencement of the academic session? If yes, how is the effectiveness of the process ensured?

Yes.

The University provides course outlines, course schedules prior to the commencement of the academic session. PRISTIAN Handbook is having all the details of academic rules and regulations, which is essential to the students. A separate Syllabus book is also given to the students and also in the website. In addition, the number of contact hours per week, credit details and lesson plan is also available in the website.

The effectiveness of the above process is ensured during class committee meetings, monthly verification of records by the Head of the department and academic audits.

2.3.3 Does the university face any challenges in completing the curriculum within the stipulated time frame and calendar? If yes, elaborate on the challenges encountered and the institutional measures to overcome these.

No.

The institution has a well planned academic calendar which ensures a minimum of 105 working days in every semester. Hence no challenging situation was faced in completing the curriculum within the stipulated period of time. On some circumstances, the loss of working days caused due to some natural calamity is compensated in the subsequent weekends by declaring Saturdays as working days. Moreover timely covering of syllabus up to the satisfaction of all sections of students is being ensured by the introduction of the innovative “Course delivery mapping” system software developed by the University.

2.3.4 How is learning made student-centric? Give a list of participatory learning activities adopted by the faculty that contribute to holistic development and improved student learning, besides facilitating life-long learning and knowledge management.

The Student-Centric Learning is enhanced by the “Centre for Development of Teaching and Learning” (CDTL) and “Centre for Knowledge Management” (CKM), which inculcates the subject knowledge efficiently. The University motivates students to participate in National and International seminars/Conferences and present their papers. Regular guidance is provided to them by interacting with the expertise - guest faculty. Entrepreneurial training through activities like organizing internal and external events is provided. To transform them into lifelong learners and innovators, students are encouraged to solve case studies, present their analysis, inculcating the habit of reading journals and magazines. To encourage the artistic temper among the students, the teachers motivate them to participate in various extra murals activities in youth festivals. At the same time, to encourage the scientific temper among students, the faculty engages the students in various practical works on science labs and computer labs. To sharpen the critical thinking among students, various Group Discussions and debates are conducted.

Soft skills are imbibed to them by training them in personality development and communication skills. Knowledge management skills are inculcated by inviting student ideas and concepts in hardware and software projects. The students are encouraged to use the institutional facilities like digital library, video library etc.

Industrial Internships help the students to acquire deeper knowledge, both theoretical and practical. Students promote the lab to land concept in some of their extension activities thereby developing self-management of knowledge and skill formation. Peer tutoring and group assignments promote advanced learners and help slow learners. E-Tutoring solves complication in learning process. Mentoring is another key concept in student’s centric environment in which every individual is counseled on the basis of their academic and personal needs. Interaction with industry experts are organised to expose students to the latest trends and developments in their fields. In house Seminars and Quiz motivate the learners towards recent trends in technological development. The University also encourages the use of internet, computers and Wi-Fi by the staff and students to keep them abreast of the latest developments in their respective field of study.

POGIL programme is introduced in the Departments of CSE, ECE and EEE for enhancing students learning.

2.3.5 What is the University's policy on inviting experts / people of eminence to deliver lectures and/or organise seminars for students?

The University motivates teaching staff to conduct national / international seminars, conferences, workshops etc.

Experienced Professors and renowned scientists are invited periodically to deliver lectures on recent trends.

Most promising alumni of the University are also invited to share their knowledge of expertise and experience.

2.3.6 Does the University formally encourage blended learning by using e-learning resources?

The University Supports blended learning which is a hybrid teaching methodology that embeds traditional class room teaching and web based approach for making the students more interesting towards learning. Here teacher is a facilitator. "A handbook on blended learning" is published by the University for the benefit of staff and students.

The University constantly encourages faculties on ICT enabled teaching, Library resources to update learning and use of other technological aids which helps in enhancement of knowledge and skills. For all the courses alternative teaching methods are adopted. Teachers are given several input sessions on innovative teaching methodologies and are instructed to adopt them. A few to mention are hands on experience through mandated internship for all programmes, on-site learning, Industrial visit and field work, exposure programmes in environmental awareness and civic senses, participation in National and State level seminars /Conferences, clubs activities, webinar Classes, peer tutoring & e-tutoring, group discussion, guest Lectures & Special Lectures, use of web based materials, optimum use of internet facilities in the classroom through Wi-Fi, applying teaching pedagogy such as communication games, focused group discussion and debates, projects in translation / English language teaching, brainstorming sessions and case Study Methods. Experiential learning is provided to the students through field visits and internship programmes.

Tutorial sessions are arranged for the students to enhance their problems solving skills. Group assignments are given to them to ensure their participation in the learning process.

2.3.7 What are the technologies and facilities such as virtual laboratories, e-learning, open educational resources and mobile education used by the faculty for effective teaching?

Various technologies and facilities are provided to the students such as :

- NPTEL work station.
- MOOC courses.
- Webinars
- Video Conferencing Lectures
- Web 2.0 Tools
- Digital Library.
- ICT class room.
- Wi-Fi connectivity.

E-learning materials and micro lectures are made available in the website.

A good number of e-journals are made available in the Knowledge Resource Centre.

2.3.8 Is there any designated group among the faculty to monitor the trends and issues regarding developments in Open Source Community and integrate its benefits in the university's educational processes?

The Department Academic Committee monitors the emerging trends and contemporary developments in the relevant fields. The Academic Council provides a platform for the stakeholders to actively participate and discuss about the trends and changes required in the academic programmes. At the department level, the Board of Studies takes the responsibility of monitoring the trends and issues in the discipline concerned. The University Research Board is responsible for issues related to research and there by pave the way for quality research activities in the campus. The University also organises weekly popular lectures which gives an opportunity for the faculty to discuss about the changing trends in the various disciplines.

2.3.9 What steps have the university taken to convert traditional classrooms into 24x7 learning places?

- Wi-Fi facility is available 24 x 7 in the University and hostel premises.

- Digital library is available in the “Knowledge Resource Centre”.
- Centre for virtual learning is in function.
- NPTEL workstation is made available.
- The extra learning facility is made available to students by keeping the library open even after the working hours.
- E-Journals are also available in the Knowledge Resource Centre.
- Webinars are arranged for the students in ICT class rooms.

2.3.10 Is there a provision for the services of counselors / mentors/ advisors for each Class or group of students for academic, personal and psycho-social guidance? If yes, give details of the process and the number of students who have benefited.

The University follows a best practice called SFS (Student Follow Up System) in which every teacher is allotted with 20 to 30 students. An exclusive format is prepared for this system. It gives the overall history of the students such as Attendance (monthly), Mark statement for each cycle tests and Pre-semester examinations, Result of University examinations, Continuous Internal assessment for all the courses, parent visit to the University, Student Blood group etc., These complete details are updated for every month and every semester. It is an effective system that gives both academic and personal updated information about the students. Besides, course coordinators and programme coordinators help to meet the academic needs of the students. HR classes are conducted for the students to make them employable.

2.3.11 Were any innovative teaching approaches/methods/practices adopted/put to use by the faculty during the last four years? If yes, did they improve learning? What were the methods used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?

ICT class rooms are available for each department. It contains facilities such as LCD projectors, internet connectivity etc. Classes are conducted by the teaching faculty using power point presentations in the ICT classrooms which enable the students to visualise the complex concepts/mechanisms and understand them easily.

The University promotes Participative learning, a technique that comprises a wide range of teaching strategies that focus on increased student participation. It places a spectrum of instructional approaches

that changes from teacher centered to student centered environment. Some of them are Assignments (theoretical and practical), Activity profile, Brainstorming, Case studies, Critical Incident, Describing visual images, Field visits and excursions, Information collection, Making puzzles etc.

The University uses problem solving methodologies for the effective learning process. Problem solving is a psychological process that identifies optimal solution to a particular problem. A few examples are Create visual images, Guesstimate. Work backward etc.

The impact of above practices are evaluated through feed back collected from students which reflects the benefits earned by the students from the above practices. The faculty members with excellent performance are duly recognised by means of “Best Teacher Award”.

2.3.12 How does the university create a culture of instilling and nurturing creativity and scientific temper among the learners?

Our University identifies best and innovative student's projects which are applicable for real life implementation and honor the students through cash awards and prizes. Students are allowed to go for industrial/Local visits as per the necessity in the curriculum for different courses. Mini project exhibition cum competition is conducted in every academic year to open the students mind. LRAMP, VILGRO my Idea Contest is arranged in our University to promote student's innovative projects and ideas as the first level. In the second stage best idea is taken to IIT for further process and selection. Major Project Exhibition is organised for final year students, other junior students become aware of all the recent technologies at the earliest.

The University Departments conduct Seminars/Workshops/Symposiums/Guest lecturers every year there by nurturing scientific temper among the students. Meanwhile the students are also encouraged to participate in the technical Seminars/Workshops/Symposiums/Guest lecturers conducted by the other institutions.

The University supports experiential learning which is the integration of knowledge, activity and reflection. It supports students in applying their knowledge and conceptual understanding to real-world problems or situations where the instructor directs and facilitates learning. A few to be mentioned are internships, Field works, survey camp etc. Our University has signed a MoU with FACE, an organization which arranges for students Internship programmes.

International conferences are also frequently organised in the University on various disciplines which helps the students to be aware

of the latest trends in their respective field of study.

2.3.13 Does the university consider student projects mandatory in the learning programme? If yes, for how many programmes have they been (percentage of total) made mandatory?

Yes.

All the UG and PG programmes of Engineering and Technology, Management Studies and Computer applications have students projects as mandatory.

All the PG programmes of science , commerce and education have the students projects as mandatory.

All the research programmes (Ph.D and M.Phil) have project work as mandatory.

Thus around **90%** of the academic programmes offered by the University have students projects as mandatory.

Project Coordinators, Internal /External supervisors and Head of the Departments periodically review the progress of the project work, establish contacts with industry and research institutes and promote the research works.

2.3.14 Does the university have a well qualified pool of human resource to meet the requirements of the curriculum? If there is a shortfall, how is it supplemented?

Our University has acquired a good number of well qualified faculty members to handle all the courses. However, additional faculty members whenever required are invited from the respective fields of specialization. Besides, Visiting Professors and Adjunct Professors are also appointed by the University to meet the growing demands. Our University is in collaboration with IUCEE for conducting webinars. Besides NPTEL videos are also used for newer courses.

2.3.15 How are the faculty enabled to prepare computer-aided teaching/ learning materials? What are the facilities available in the university for such efforts?

All the faculty members are provided with computer and internet facilities. ICT class rooms and SMART class rooms are available in all the departments. The “Centre for Knowledge Management” (CKM) conducts training programmes on computer aided teaching and e-content preparation and the “Centre for Development of Teaching and Learning” (CDTL) frequently conduct training programmes on innovative teaching for the faculty members. The knowledge resource centre has a wide range of national and

international journals and NPTEL workstations to enhance the computer aided teaching and learning material preparation of the staff members.

2.3.16 Does the university have a mechanism for the evaluation of teachers by the students / alumni? If yes, how is the evaluation feedback used to improve the quality of the teaching-learning process?

The IQAC has evolved a mechanism for the evaluation of teachers. The University has established “PRIST Assessment Centre” to collect the periodic feedbacks from the students on the performance of teachers. Under the direction of IQAC. Various forms of feedbacks are Students Mid Semester Feedback, Students End Semester feedback, Student’s class committee meeting and Alumni Feedback. The feedback forms contain parameters such as subject delivery method, punctuality, timely completion of syllabus etc. After collecting the feedbacks from the students, they are consolidated and submitted to the Vice Chancellor for taking follow up action.

The Alumni feedback are consolidated and submitted to the Board of Studies of each department for strengthening the curriculum.

Besides the “Self Appraisal Forms” containing the details such as teaching, research, consultancy and extension works carried out by the faculty members are collected and are evaluated by the academic audit committee.

Thus, the Quality of Teaching and Learning is monitored and evaluated by the above processes in the University.

2.4 Teacher Quality

2.4.1 How does the university plan and manage its human resources to meet the changing requirements of the curriculum?

The following measures are taken by the University to develop the human resources to meet the changing requirements of the curriculum:

- Organizing international and national seminars, conferences, workshops etc.
- MoU’s with industrial, research and academic institutions with in the country and abroad.
- Participation in orientation courses, refresher courses and training programmes.
- Participation in international and national seminars, conferences, workshops etc.

- Encouragement to do inter disciplinary projects and research work.

Visiting Professors and Adjunct Professors are also appointed by the University to meet the growing demands. Our University is in collaboration with IUCEE for conducting webinars. Besides NPTEL videos are also used by the teaching staff for courses on emerging areas.

2.4.2 Furnish details of the faculty

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	Nil						
Ph.D.	26	2	33	9	2	1	73
M.Phil.	-	-	-	-	40	26	66
PG	-	-	-	-	40	27	67
Temporary eachers							
Ph.D.	Nil						
M.Phil.							
PG							
Part-time teachers							
Ph.D.	Nil						
M.Phil.							
PG							

2.4.3 Does the university encourage diversity in its faculty recruitment? Provide the following details (department / school-wise).

The University has a mechanism to recruit and retain eminent teachers who are competent, experienced and experts in their respective field of study. The University is always ready to absorb the best teachers available. The University also advertises in the local newspapers and National newspapers in order to reach the best teachers available in the other states of the Country. After getting applications from the eligible candidates, they are scrutinized and compiled. For the selection, a panel of experts is constituted to conduct the interview as per the UGC approved MoA of the University.

The above said committee conducts the interview as per the guidelines issued by the University and the state government rules and

selects the eligible and the most competent candidates.

2.4.4 How does the university ensure those qualified faculties are appointed for new programmes / emerging areas of study (Bio-technology, Bio-informatics, Material Science, Nanotechnology, Comparative Media Studies, Diaspora Studies, Forensic Computing, Educational Leadership, etc.)? How many faculty members were appointed to teach new programmes during the last four years?

A good number of faculty members with doctoral degree are available in the emerging areas of Bio-technology, Bio-informatics, Material Science and Nanotechnology. Around 50 staff members are appointed to teach the above programmes.

2.4.5 How many Emeritus / Adjunct Faculty / Visiting Professors are on the rolls of the university?

The following are the details of Emeritus / Adjunct Faculty / Visiting Professors who are on the rolls of our university.

S.No	Department	Number of Faculty
1	Electronics and Communication Engineering	1
2	Civil Engineering	1
3	Chemistry	1
4	Business Management	1
5	Mechanical Engineering	2

2.4.6 What policies/systems are in place to academically recharge and rejuvenate teachers? (e.g. providing research grants, study leave, nomination to national/international conferences/seminars, in-service training, organizing national/international conferences etc.)?

Our University extends full support for the professional development of the faculty. The faculties are encouraged to pursue their Ph. D programme. The institution depute teachers to attend refresher and orientation programmes, conferences, seminars and training programmes organised by other institutes, universities and research organizations by providing duty leave. The institution also conducts number of seminars, workshops and special lectures for the benefit of faculties and students. The institute has conducted number of workshops/seminars/ conferences during last four years. Financial assistance is provided to the staff members for presenting papers in international conference.

Teaching staff are encouraged to visit foreign Universities, with whom the University has signed MoU, under faculty exchange

programme. Moreover teaching staff are also encouraged to undergo Post Doctoral Fellowship programme in reputed foreign Universities by providing the sabbatical leave.

2.4.7 How many faculty received awards / recognitions for excellence in teaching at the state, national and international level during the last four years?

Our University provides necessary infrastructure and other required support to encourage teachers to excel in their teaching. The study centric environment and conducive atmosphere of the University encourages teachers to prove their mettle. As a result University encourages the teachers by giving away “Best Teacher Award” and “Best Researcher Award”.

2.4.8 How many faculty underwent staff development programmes during the last four years (add any other programme if necessary)?

The University has its own staff training and development policy

a) Nomination for staff development programmes

S.No.	Name of the staff development programme	Number of faculty nominated
1	One day workshop on NPTEL	150
2	“Instruction Design and Delivery System” conducted by NITTTR (MHRD)	250
3	“Multiple Intelligence Model” conducted by the Mission 10X team of Wipro technologies	100
4	“e-Outreach Programme ” conducted by IIT,Mumbai	01
5	Research culture seminar	83
6	Library resources for research	43
7	Orientation course for faculty members	50
8	ISO 9001:2008 Effective audit plan	46
9	Project work blog demo	29
10	MAT lab in Engineering mathematics	32

11	MAPLE SIM software	21
12	Application of mathematics in other disciplines and innovative teaching methods	15
13	Curriculum reforms	60

2.4.9 What percentage of the faculty have

- Been invited as resource persons in workshops/seminars/conferences organized by external professional agencies?

20 %

- Participated in external workshops/seminars/conferences recognised by national/international professional bodies.

50 %

- Presented papers in workshops/seminars/conferences conducted are recognised by professional agencies.

60 %

- Teaching experience in other Universities/National institutions and other Institutions.

75 %

- Industrial engagement.

15 %

- International experience in teaching.

5 %

2.4.10 How often does the university organise academic development programmes (e.g.: curriculum development, teaching-learning methods, examination reforms, content / knowledge management, etc.) for its faculty aimed at enriching the teaching-learning process?

The Centre for Development of Teaching and Learning (CDTL), Centre for Knowledge Management (CKM), Centre for Research and Development (CRD) and Knowledge Resource Centre of our University conduct frequent (weekly, monthly, semester wise and annual) Academic development programmes for the faculty members to enrich the teaching-learning process. A weekly “Special Lecture Series” programme is conducted by the University thereby giving provision for exchange of inter disciplinary knowledge between the faculty members of the University. Besides the faculty members are also deputed to participate in such programmes organized in outside Institutes and Industries.

2.4.11 Does the university have a mechanism to encourage _ Mobility of faculty between universities for teaching? _ Faculty exchange programmes with national and international bodies? If yes, how have these schemes helped in enriching the quality of the faculty?

The teaching faculties are encouraged to visit other Universities, International bodies under the faculty exchange programme through the MoU signed with those Institutions/organisations. The faculty members have got exposure to different teaching and learning environments under such programmes.

2.5 Evaluation Process and Reforms

2.5.1 How does the University ensure that all the stakeholders are aware of the evaluation processes that are in place?

The University disseminates the Evaluation processes to all its Stakeholders through publication of the PRIST Assessment Manual. The PRIST Assessment Manual gives information about the University policy on Assessment, Continuous Internal Assessment regulations, Semester Examinations, Regulations of various Programmes, passing minimum details, grading of performance, Overall Classification of results and Grade card details.

2.5.2. What are the important examination reforms initiated by the university and to what extent have they been implemented in the University departments and affiliated colleges? Cite a few examples which have positively impacted the examination management system.

The University has initiated various evaluation reforms. Flexibility Induced Credit System (FICS) with continuous Internal Assessment (CIA) is introduced for all Academic Programs at UG/PG/M.Phil levels. Central valuation is adopted for the Evaluation of Semester / Examination Answer Scripts. Supplementary Examinations are conducted for the benefit of Students. Grade Cards / Consolidated/ Mark statements/ Provisional Certificates are issued to the Students within three days from the date of Publication of Results. Security features like Holograms and UV/IR Fluorescent detection of University Emblem are introduced in the grade cards/Cumulative Mark Statement/Provisional and Degree Certificates.

The following mechanisms are used to assure quality and integrity of the Evaluation process.

1. Anonymous marking of Examination Scripts.
2. Double Marking
3. Statistical Moderation of Examination Marks.

ICT has been introduced for effective management of

Examination system in our University to usher great efficiency, transparency and reliability. Online Certificate Verification System has been introduced to facilitate expeditious Verification of Students Certificates. Online line generation of Examination Application forms and Hall tickets is introduced. Online conduct of Examinations has also been implemented for value addition Courses in the Curriculum. The University has introduced Question paper Quality index to assess the quality of Question paper used in the Class test and in the University Examination.

2.5.3. What is the average time taken by the University for declaration of examination results? In case of delay, what measures have been taken to address them? Indicate the mode/media adopted by the University for the publication of examination results.(e.g : website, SMS, email, etc)

The University Ensures timely declaration of results. Results are processed and declared within 15 days from the date of Completion of the valuation process. So far the Examination Section has not come across any delay in the declaration of Results. In case of any delay in future the Staff of the Examination Section may be requested to work for additional hours in order to further reduce the Evaluation process period. Results are published in the University Website.

2.5.4.How does the University ensure transparency in the evaluation process? What are the rigorous features introduced by the University to ensure confidentiality?

Transparency and Security of Evaluation System is ensured through permitting Students to apply for Re totaling and Revaluation and issue of Photocopy of the Answer Scripts.

Effective conduct of Examination is being taken care by the Examination Committee. Flying Squads are appointed at the time of Examinations to ensure Malpractices may not be committed by Students. Tight Security is provided to the Examination Section. Staff Members working in the Examination Section are prohibited to carry Mobile Phones, Pen drive, Laptop, iPad and other Electronic gadgets into the Examination Section office premises.

Dummy numbering against Candidates each registration number is followed to maintain the confidentiality of the evaluation.

2.5.5. Does the University have an integrated examination platform for the following processes?

- **Pre-Examination Processes – Time table generation, OMR, Student list generation, invigilators, squads, attendance sheet, online payment gateway. Etc.**

Yes

- **Examination process – Examination material management, logistics, etc.**

Yes

- **Post-Examination process- Attendance Capture, OMR-based exam result, auto processing, generic result processing, certification, etc.**

Yes

2.5.6. Has University introduced any reforms in its Ph.D., evaluation process?

The Ph.D., Thesis Evaluation process and award of Ph.D., Degree is carried out by completely adhering to the UGC (Minimum Standard for Award of M.Phil/Ph.D., Degree) Regulation 2009.

- The Ph.D., Scholars are permitted to submit the synopsis only after the successful completion of pre-synopsis Viva – Voce examination in the respective Department

- Prior to submission of the thesis, the student shall make a pre-Ph.D. thesis presentation in the Department that may be open to all faculty members and research students, for getting feedback and comments which may be considered for finalization of the thesis in consultation with the Research Supervisor.

- **Ph.D. candidates shall publish at least two research papers (showing affiliation to PRIST University) in a referred National/International Journals before the submission of the thesis for adjudication** and produce evidence for the same in the form of acceptance letter or the reprint.

Adjudication of Thesis:

- The thesis shall be referred by the University for evaluation to a Board of examiners, consisting of 3 experts of whom one expert shall be from outside India and another expert from within India but outside Tamil Nadu and third one shall be the Research Supervisor.

- Each Examiner appointed by the University to adjudicate the thesis shall be requested to send his/her report within one month from the date of receipt of thesis to the Controller of Examinations.

The Board of Examiners who values the thesis shall report on the merit of the candidate for the Ph.D. degree as follows:

- i) The thesis is highly commended and be accepted for the award of Ph.D. degree. Or
- ii) The thesis is commended and be accepted for the award of Ph.D degree Or
- iii) The thesis is commended and the degree may be awarded after carrying out corrections/ modifications as suggested Or
- iv) The thesis needs to be resubmitted after revision for revaluation. Or
- v) The thesis be rejected

- In case, all the three Examiners or two out of the three Examiners have not commended, the thesis shall be rejected and the registration cancelled. In case, one of the three Examiners has not commended, then the thesis shall be again referred to a fourth Examiner either Indian or Foreign as the case may be. If the fourth Examiner commends the thesis, the candidate shall be allowed to appear for the viva-voce examination. If the fourth Examiner does not commend the thesis, it shall be rejected and registration cancelled.

- In cases where the thesis has been approved, and on receipt of communication from the University, the Guide concerned shall coordinate the conduct of public viva-voce for the candidate.

2.5.7. Has the University created any provision for including the name of the college in the degree certificate?

Since our University is the Deemed University, there is no necessity for such provision.

2.5.8. What is the mechanism for redressal of grievances with reference to examinations?

The University has an effective mechanism for redressal of grievances pertaining to Examination. All the grievance appeals related to the Evaluation process are redressed through the Students Academic Grievances Redressal Cell. The Cell will arrange for a thorough

enquiry and the decision taken by the Students Academic Grievances Redressal Cell (SAGRC) will be final. The COE Office of our University always takes effort to solve the grievances of the Students within a short span of time.

2.5.9. What efforts have been made by the University to streamline the operations at the Office of the Controller of Examinations? Mention any significant efforts which have improved the process and functioning of the examination division / section.

The University has published Examination Section Manual for streamlining for the functioning of the Office of the Controller of Examinations. The Functions of the various Sections of the Office of the Controller of Examinations are clearly defined in the Examination Section Manual.

The University has initiated Computerisation of the office processes of the Controller of Examinations. As a result, the Data Management System has improved significantly and the grievance settlement processes are also made simple and transparent.

2.6 Students Performance and Learning Outcomes

2.6.1 Has the university articulated its Graduate Attributes? If so, how does it facilitate and monitor its implementation and outcome?

The University has articulated “Graduate attributes”. A few to mention are Research and Inquiry, Information literacy, Personal and Intellectual autonomy, ethical, social and professional understanding, communication, team work, collaborative and management skills, problem solving, design / development of solutions, usage of modern to, environment and sustainability, ethics, project management and finance, lifelong learning, critical thinking etc.,

The University provides the required faculty expertise, ICT enabled class rooms, communication laboratory, library and e-learning facility, webinars, interactive and experiential learning methods, in campus events, research facility etc., and a conducive atmosphere for the students to attain these attributes.

2.6.2 Does the university have clearly stated learning outcomes for its academic programmes? If yes, give details on how the students and staff are made aware of these?

In each department, The Board of Studies takes the responsibilities of designing and developing the curriculum. During the curriculum design, development and revision process, the board of studies identifies the programme educational objectives, programme outcomes and also the learning outcomes of various courses included in the curriculum. The details of programme educational objectives,

programme outcomes and also the learning outcomes of courses are clearly outlined in the curriculum handbook. The teaching staff and students are able to get exposure about the programme educational objectives, programme outcomes and also the learning outcomes through the curriculum handbook. Moreover the department academic committee takes the responsibilities of monitoring whether the students have attained the learning outcomes.

2.6.3 How are the university's teaching, learning and assessment strategies structured to facilitate the achievement of the intended learning outcomes?

The University is committed to ensure a perfect teaching and learning environment. All the students are treated equally. The staff members are well qualified and well experienced thereby owing a promising education to the students from diverse categories. The staff members are from different states which make the students from different states comfortable during their period of study. The academic calendar and time table for each semester are provided to all the staff members and students on the first day of reopening itself, thereby enabling them to plan meticulously. The laboratories are well equipped with latest equipment as required by the governing bodies. The teaching and learning process are tailored in a perfect combination of board and chalk, ICT enabled, Laboratory Practicals, Tutorials, Special Assignments, Project Works etc., All the learning outcomes such as problem solving, comprehension, communication and soft skills as applicable to each course are perfectly met with. The University also conduct frequent seminars, symposiums, workshops and conferences to bring out the technical talents of the students. The choice based credit system gives the flexibility for the students to select the courses of their own choice. The portions are completed well in time according to the academic calendar. Two continuous internal assessment tests and one pre semester exam are conducted during each semester. A make up test is conducted for the students who are absent / failed in any of the tests. The internal marks are finally displayed on the department notice boards before the commencement of semester examinations.

2.6.4 How does the University collect and analyse data on student learning outcomes and use it for planning and overcoming barriers of learning?

Each class consists of two "Students follow up system"(SFS) in charges. After the conduct of each CIA test, the in charges analyse the marks obtained by the students in all the courses of a semester. Depending upon the nature of the course ie, theoretical, analytical, practical etc., the student's caliber is studied. If any short falls occur, in any one of the above areas, the students are counseled by the course and

programme coordinators and special coaching / remedial classes are conducted if required, so as to fulfill their learning outcomes. Besides slip tests, comprehensive tests and objective type tests are also conducted to assess the learning outcomes of the students and problems if any, are addressed.

2.6.5 What are the new technologies deployed by the university in enhancing student learning and evaluation and how does it seek to meet fresh/ future challenges?

Some of the new technologies deployed by the university in enhancing student learning and evaluation are:

- Digital knowledge resource centre
- A web 2.0 tool such as RSS feeds, Padlet, Quizlet, Delicious and Animoto.
- SMART class rooms
- ICT class rooms

Any other information regarding Teaching, Learning and Evaluation which the university would like to include.

- Department academic audit.
- Orientation programme for freshers.
- Class committee meetings.
- Student follow up systems (SFS).
- Internship programme for students in collaboration with FACE.
- Extra credit courses.
- Skill based electives,
- Free elective
- INTRA University online Course Attendance and Assessment Record (CAAR)
- FDP programme for faculty members.
- Special Lecture Series for staff members.
- Online student details and certificates verification system.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1. Promotion of Research

3.1.1. Does the Institution have a research committee to monitor and address the issues of research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.

Yes, this institution has a dedicated University Research Board (URB) to monitor and promote institutional research activities. This Board comprises of a Chairman, who convenes the meeting, a Member Secretary (The Director, Centre for Research and Development) and internal members (All Deans, Directors, Senior Scientists, and Heads of Departments of this University) and external members of eminence (from other Universities and industries). The Board is convened once a year and it is the prerogative of the Board to look into the list of candidates recommended for admission to PhD programs, to recommend the eligible applicants for recognition of PhD supervisors by the “Research Committee” and to monitor the overall progress of the research scholars.

The “Research Committee” consists of Director-R&D, Deputy Director-R&D, Heads of Department, and Research Supervisors.

The functions of the Research Committee:

- Selection of candidates for admission to M.Phil. and PhD. programs and recommends for final approval to the URB;
- Allocation of candidates to research supervisors depending upon the vacancy, and the number of students per faculty as permitted by UGC norms;
- Evaluation of research progress of the candidates every year;
- Approval of synopsis of PhD theses; and
- Maintenance of quality of research.

A separate Institutional Animal Ethical Committee (IAEC) has also been constituted through the “Committee for the Purpose of Control and Supervision on Experiments on Animals (CPCSEA), MoEF, Govt. of India” that monitors the conduct of experiments on animals based on the rules laid down by it.

The University Research Board meticulously monitors the progress of research and has suggested a number of measures to improvement. The following were the impact of the recommendations made by URB over 6 years:

Table 3.1.1. Recommendations of URB and its Impact

Recommendations URB	Impact
Suggestions on thrust areas of research	Identified 4 thrust areas: 1) drug discovery and development; 2) energy and environment; 3) Materials and manufacturing; and 4) Biomolecular Engineering
Suggested to attract extramural research funding	Funding opportunities availed from DSIR, DBT, DST, ICMR, UGC, WNR, DRDO, and Indo-Korea
	Total projects sanctioned: 09
	Total budget sanctioned: 173.8 Lakhs
	Amount received: 136.92 Lakhs
Suggested to provide seed money for research from management	Amount sanctioned by the University for in-house project activities: 21.70 Lakhs
Suggested to improve extension activities	Extension programs conducted: 123
Suggested to improve collaborative activities with foreign institutions and look for funding opportunities	Availed Indo-Korea project with the collaboration between PRIST University and Pusan National University, Korea
	Sanctioned budget: 131.88 Lakhs (58.12 Lakhs + 73.76 Lakhs)
Suggestions on regular research activities that has a great impact on our research output	Peer-reviewed papers: 982
	Scopus-indexed papers: 583
	PubMed-indexed: 102
	Cumulative Impact factor: 1094
	Highest impact factor: 8.258
	Total citation: 1420
	Average citation: 4.83
	h-index: 16
	Patents filed by faculty: 10
	Patents granted: 01
	Copyrights received: 01
	Book published: 15
	Expert consultancy, instrumentation, analytical facility (In Lakhs): 19.9 Lakhs
	Ph.Ds produced: 120
Society-oriented research output	<ul style="list-style-type: none"> • Wound sealing mechanism for Army applications • Wound healing using nanoparticles • Novel nanotechnology-derived products • Non-linear optics, thin film and crystal growth for laser applications • New synthetic drug compounds • Kidney stone reduction • Synthetic biology for H₂ production

	<ul style="list-style-type: none"> • Drug for Dengue • Biomarker for human pathogens • Noni-plant for diabetes
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3.1.2. What is the policy of the University to promote research in its affiliated/constituent colleges?

This institution is a Deemed-to-be University, and therefore, it has no affiliated or constituent colleges. However, this institute has published “**Research promotion policy**” to promote research activities in its departments, which is available as a separate booklet. The main elements of the policy are as follows:

- This University created conducive environment for research.
- It supports and allocates the space and facilities
- It provides partial funding and other resources for conducting research projects with scientific innovation and societal values.
- It also provides development opportunities to researchers for writing research proposals and reports, publications, patent filing, etc.
- The research work done is available for scrutiny to the University and constructive criticism of peers.
- It also ensures that research techniques used by the researchers do not violate established professional ethics, pertaining to health, safety, privacy, and other personal rights of human beings or to the infliction of injury or pain on animals.
- It promotes consultancy activities utilizing the resources available at the University

3.1.3. What are the proactive mechanisms adopted by the university to facilitate the smooth implementation of research schemes/projects?

Advancing funds: The University has been practicing a mechanism of advancing in funding for procuring consumables and Fellowships when there is a delay in receipt of second or third installments from the Govt. of India in order to conduct the research smoothly without affecting the schedules.

Purchase: Simplified procedures related to purchase of chemicals and consumables through a purchase committee enables speedy purchase. The list of companies approved by the University for purchase of consumables and equipment has been identified by the purchase committee and the PIs are informed at the time of purchase.

Common facilities: The University supports pooling of overhead charges to augment common research facilities, which can be used for young research faculty.

Supporting for equipment: The University supports project work for

smooth conduct of research work undertaken by purchasing major equipment, if required.

Timely release of grants by the university helps the PI to carry out the research work without any impediment.

Timely audit by the Finance Officer and the Institution's auditor helps the PI to send the Utilization Certificate to the funding agency on time.

Research scholars are given full freedom to pursue their research without any impediments.

Research facilities: Essential and adequate research laboratory facilities have been made available for the research purposes. Facilities are offered to the research scholars like room, furniture and computers with internet.

Financial support to research scholar: The institution takes keen interest in offering financial aid to the outstanding research scholars by utilizing their support in teaching and other administrative work, where necessary. To date, the University has offered 30.74 Laksh to such activities. The year-wise break-up is given in Table 3.1.3.

Providing seed money: The University supports young faculty in terms of providing seed money for innovative ideas

Table 3.1.3. Year-wise break-up of financial support to the PhD research scholars.

Year of Award	No. of Candidates	Amount (In Rs.)
2008	11	7,02,900
2009	1	63,900
2010	7	4,47,300
2011	7	6,30,000
2012	6	6,60,000
2013	5	5,70,000
Total	37	30,74,100

3.1.4. How is interdisciplinary research promoted?

The wide ranging specialization offered by PRIST University in terms of faculty and disciplines offers wide scope for interdisciplinary research.

Between/among different departments:

The organization with --- faculties in a single campus with a common dedicated research infrastructure, user-friendly knowledge resource centre housed in the same building with books, journals and internet facilities serve

as a common ground for researchers from all departments facilitating interdepartmental and interdisciplinary research. Encouraging joint proposals by departments like Chemistry, Biochemistry, Microbiology and Biotechnology, Bioinformatics, Computer Science and Mathematics; the arts and humanities departments of related subjects also join together to carry out inter-disciplinary research.

Collaboration with national/international institutes and industries:

International collaboration with Universities overseas had been established over the years through MoUs and there has been exchange of faculty for research and post-doctoral fellowships. The faculty have been privileged with sabbatical leave for pursuit of higher research in Universities abroad. Research collaboration through joint projects with some of the leading Universities at National level has also been achieved, especially with Assam Agricultural University, Assam, Central Agricultural Research Institute-Andaman, Indian Institute of Crop Processing Technology, TN, Govt. of India.

Table 3.1.4. Collaboration with national and international institutions and industries

Research Collaboration	Institution/Organization	
MoUs with National institutions	1. Thanjavur Cancer Care Research Centre, TN, India 2. Central Agricultural Research Institute (CARI), Port Blair, India 3. Indian institute of Crop Processing Institute, Thanjavur, TN, India	3
MoUs with International institutions	1. South Dakota School of Mines and Technology, SD, U.S.A 2. Myongji University, Yongin, Korea (South) 3. Pusan National University, Korea (South) 4. The University of Information Technology and Management in Rzeszow, Poland 5. Anglia Ruskin University, London, U.K. 6. Oracle Corporation, India 7. Queen Margaret University, UK 8. University of Wales, U.K. 9. London School of Business Management 10. Yugenkaisha Hayakawa Shouji Tokyo, Japan	10

Table 3.1.4a Collaborative Research Output

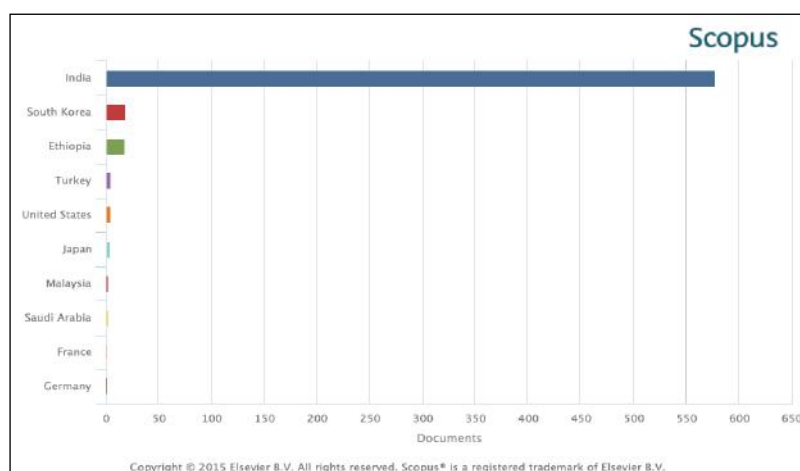
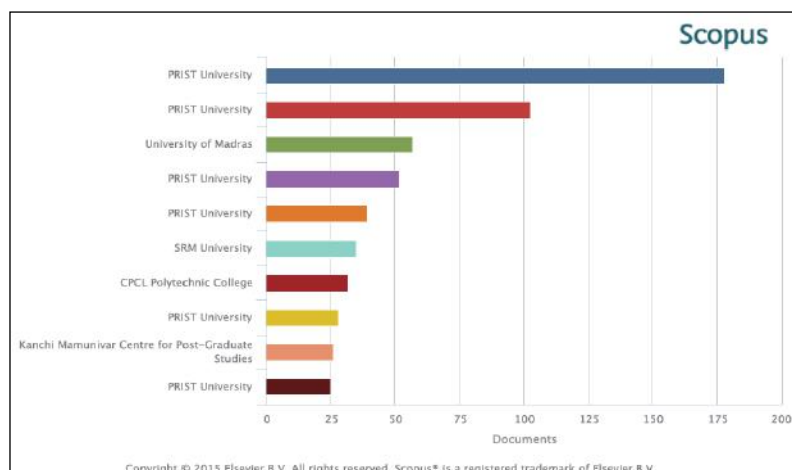
Joint project (#2)	
International	
Project 1	
Project title	Construction of Synthetic Electron Circuit in Escherichia coli for

	Enhanced Production of Hydrogen from Renewable Source
PIs:	Dr. S. Mohan Raj and Dr. Sunghoon Park
Funding sources	DST, India and MEST, Korea.
Budget	PRIST University, 58.12 L Pusan National University, 73.76 L Total budget INR: 131.88/-
Date of sanction	2013
National	
Project 2	
Project title	In vitro and Ex situ Conservation and Rehabilitation of selected Threatened Medicinal Plants of North East India. (BCIL/NER-BPMC/2012/699)
PIs:	Dr.R.Elango Mathavan and Prof. Ranjith Bhattacharya
Funding sources	DBT
Budget	44.1 Lakhs (PRIST University 17.1 + 27 Lakhs for Assam Agricultural University, Assam)
Year of sanction	2012

Joint publications (#9)				
Authors	Year	Journal	IF	Collaboration
Mohan Raj S, Suvarana Talluri, Lew P Christopher	2013	Appl. Microbiol. Technol. (under review)	3.689	Indo-US
Philah Lee, S. Mohan Raj, Shengfang Zhou, Somasundar Ashok, Edwardraja Selvakumar, Sunghoon Park	2013	Biotechnol. Bioprocess. Engg (In press)	1.277	Indo-Korea-Canada-Germany
ChandradassJ, Hern Kim	2013	Advanced Powder Technology		Indo-Korea
Ashok, S., Mohan Raj, S., Ko, Y., Sankaranarayanan, M., Zhou, S., Kumar, V., Park, S.	2013	Metabol. Engg. 15(1):10-24.	8.258	Indo-Korea
Zhou, S., Mohan Raj, S., Ashok, S., Edwardraja, S., Lee, S.-G., Park, S.	2013	PLoS ONE 8(5):1-11	4.53	Indo-Korea
Lee, S.C., Kim, S.Y., Hwang, B.W., Jung, S.Y., Ragupathy, D., Son, I.S., Lee, D.D., Kim, J.C.	2013	Sensors (Switzerland) 13(3):3889-3901	1.739	Indo-Korea
Ragupathy, D., Lee, S.C., Al-Deyab, S.S.,	2013	J. Industrial Engg Chem 19(4):1082-1085.	1.977	Indo-Korea

Rajendran, A.				
Chandradass, J., Kim, H., Momade, F.W.Y.	2012	J. Sol-Gel Science Technol. 1-6.	1.632	Indo-Korea
Chandradass, J., Balasubramanian, M., Bae, D.S., Kim, H.	2012	Materials Manufacturing Processes 27(12):1290-1294.	1.058	Indo-Korea

Fig. 3.1.4. Scopus-indexed paper publications of PRIST University and national and international collaborating institutions.



3.1.5. Give details of workshops/training programmes/sensitization programmes conducted by the university to promote a research culture on campus.

The departments of the University have organized various workshops / training programmes / sensitization campaigns to motivate and inculcate research culture among the staff and students. These programmes include programmes on writing proposals, research methodology workshops, training on statistical packages, instrumentation and software skills, sensitization for women in science and research. The library has conducted programmes to sensitize staff and students on the use of e-journals and an insight on specific search engines for access of papers of interest. In total 24 programmes were conducted during the past 6 years to this end. These activities have promoted a rich culture of research among students in the campus.

	Intn'l Conference	Nat'l. Conference	Seminar	Nat'l. Workshop	Intn'l. Workshop	Symposia	FDP	Sensitization Program	Training Program	Orientation Program
2009	1		5	1		1			2	
2010	1		7	2		1	1		15	1
2011			4	1				4	11	1
2012		3	12	5	1			10	10	
2013		1	10	5				5	20	
2014	1		5					9	16	
2015		1						1		
Total	3	5	43	14	1	2	1	29	74	2

3.1.6. How does the university facilitate researchers of eminence to visit the campus as adjunct professors? What is the impact of such efforts on research activity of the university?

The Centre for International Relations co-ordinates with the Departments in helping them invite eminent professors from foreign universities to share their research work with the faculty and students. These interactions have been helpful in creating awareness on areas of advanced research techniques. This gives an exposure to the Ph.D. scholar to understand the international standards of research. The research scholars have published articles in standard journals in collaboration with scholars and faculty abroad.

3.1.7. What percentage of the total budget is earmarked for research? Give details of heads of expenditure, financial allocation and actual utilization.

A 15% of University budget is earmarked to promote research. This includes expenditure on salary, infrastructure, consumables and scholarships/fellowships (15% of the University budget was considered as 100% for R&D budget. The financial break-up of R&D budget under different heads in relative percentage is given below).

Expenditure	Financial allocation (%)	Actual utilization (%)
Infrastructure establishment	75	78
Salary	15	17
Consumables	8	4
Scholarship and fellowship	2	1

3.1.8. In its budget, does the university earmarks funds for promoting research in its affiliated colleges? If yes, provide details.

This is not applicable as it is a Deemed University

3.1.9. Does the university encourage research by awarding Post Doctoral Fellowships / Research Associateships? If yes, provide details like number of students registered, funding by the university and other sources.

The university encourages student research by offering sponsorships, research funds, Fellowships, incentives from endowments etc. the details of research scholars benefitted from these funding are:

Funding	No. of students	Total amount sanctioned for the full duration of the project (In Lakhs)
University	37	30.74
DBT	2	16.2
DST	3	12.52
DRDO	3	10.80
WNRF	1	2.88
Total		73.14

3.1.10. What percentage of faculty have utilized the sabbatical leave for pursuit of higher research in premier institutions within the country and abroad? How does the university monitor the output of these scholars?

Faculty members have been permitted sabbatical leave for pursuing both Ph.D. and higher research degrees for instance PDF in research institutions, both within the country and abroad. The teachers submit their research work in the form of paper publications jointly with the host institution as proof of their research output.

Faculty	Period		Duration (months)	University
	From	To		
Dr. S. Elavenil	Feb-2013	Nov-2013	10	National institute of animal Science, Korea
Dr. S. Mohan raj	Aug-2013	Sep-2013	1	Pusan National University, Korea
Dr. S. Patharajan	Sep-2012	Aug-2013	24	The Volcani Centre, Israel
Dr. J. Ramajothi	Oct-2011	Oct, 2011	1	AICHI Institute of Technology, Japan
	June-2012	June-2012		
	May-2013	May-2013		
Mrs.Smitha Elsa	2013	2014	12	Anna University
Mrs.P.Geetha	2014	2015	6	NIT, Trichy
Mrs.A.R Begum	2014	2015	6	Anna University

3.1.11. Provide details of national and international conferences organized by the university highlighting the names of eminent scientists/scholars who participated in these events.

The University has organized 4 international and 6 national conferences and workshops in the last 7 years. Many eminent scientists, experts and professionals from industry, institutions and organization, who have delivered lectures, are given below.

Title of Conference and Workshops	Dept	Date
International		
International Conference on Photonics, Nanotechnology and Computer Applications (ICOPNAC)	CRD	25-28 Feb, 2009
International Conference on Biotechnology, Food, Bioengineering-Emerging Trends and Future Prospects (ICBFEBT)	CRD	25-26 Feb, 2010
Seventh Indo-US International Workshop on Mathematical Chemistry	CRD	04-06 Dec, 2012
International Conference on Applications of Digital Information and Web Technologies – ICADIWT 2014	ECE	17-19 Feb, 2014
National		
National Conference on Innovations in Research & Engineering Technology – NCIRET 2013	ECE	31 Aug, 2013
National Conference on Wireless Networks, Robotics and Renewable Energy (NCWRR'15)	ECE	20 Feb, 2015
National Conference on Computer Science	CSE & IT	12.Oct, 2012

National Conference on Advanced Materials and Processing Technologies-2012 (AMPT-2012)	CRD	17-18 Feb, 2012
National conference on Biodiversity and Biotechnology	CRD	28-30 Mar, 2012
National workshop on Advances in Medicinal Plant Biology and Toxicology -(AMPBT)	CRD	21-22 June, 2012

Scientists and Professors participated in national and international conferences and workshops

Dr. S. Arunachalam, University of East London, UK
Dr. Sunghoon Park, Pusan National University, Busan, Korea
Dr. Shiziyasu Ochia, AICHI Institute of Technology, Toyota City, Japan
Dr. Rajesh Sani, School of Mines and Technology, USA
Dr. Subash C Basak, University Minnesota, USA
Dr. Vladimir Palyulin, Moscow State University, Moscow, Russia
Dr. Marjan Vracko, National Institute of Chemistry, Ljubljana, Slovenia
Dr. Marjana Novi, National Institute of Chemistry, Ljubljana, Slovenia
Dr. Shahul Nilar, Novartis, Institute of tropical diseases, Singapore
Dr. Apurba K. Bhattacharjee, Walter Reed Army Institute of Research, Maryland, USA
Dr. Saravanan Rengaraj, University of Ireland, Ireland
Dr. Chis Blanchard, Charles Sturt University, Australia
Dr. Furtado, MR, Life Technologies, USA
Dr. C. Palaniappan, Life Technologies, USA
Dr. Patricia Provot, Armstrong International, Stuart, USA

3.2. Resource Mobilization for Research

3.2.1. What is the financial provision made in the university budget for supporting students research projects?

Financial provision has been set to the maximum of 15% of the total University budget. A maximum of Rs.20,000/- per student's project is provided, depending on the importance and innovativeness of the project. Each project will have a faculty mentor. The financial provisions are given below. The projects are reviewed in two stages, and the best projects are given cash awards after completion of the projects.

Year	No. of students' project supported	Amount (In Rs.)
2010	3	60,000
2011	1	20,000
2012	16	3,20,000
2013	11	2,20,000
2014	18	3,60,000
Total	49	9,80,000

3.2.2. Has the university taken any special efforts to encourage its faculty to file for patents? If so, how many have been registered and accepted?

The University encourages its faculty to file patent applications of IPR emanating from research programmes. The University provides necessary financial assistance and helps in drafting, filling and follow-up.

Patents obtained and filed - 10

- Mr.TTM.Kannan & Dr.P.Marimuthu , Tabletop portable Mini friction welding machine, 371/CHE/2015 , Intellectual property Rights (IPR), Guindy, Chennai-1
- Mr.TTM.Kannan & Dr.P.Marimuthu , Non Automatic tabletop portable mini lathe, 5040/CHE/2013 , Intellectual property Rights (IPR), Guindy, Chennai-1
- Kaleeswaran, B, Ilavenil, S, Ravikumar S. Device for collecting blood samples from fish. Intellectual Property of India, Docket No. 13571/008882/ CBR No.13425 Date:18.Oct. 2012.
- Dr. Anusha Basker, Diagnostic Kit for the Detection of Microbial Keratitis, 4490/CHE/2014 A, 03/10/2014, Intellectual Property Building, G.S.T. Road Guindy, Chennai-600032
- Lew P. Christopher, Subramanian Mohan Raj. Microorganism and the method of producing lactic acid with high yield and high concentration (United States Provisional Patent No. 107688912304677).
- Sunghoon Park, Subramanian Mohan Raj, Chelladurai Rathnasingh, Ji-Eun-Jo, Choi-Dae Keon. Microorganisms Transformed with Genes Encoding Glycerol Dehydratase and 3-Hydroxypropionaldehyde Dehydrogenase and the Method for preparing 3-Hydroxypropionic Acid Using the Same (http://eng.kipris.or.kr/eng/main/main_eng.jsp; Korean Patent File No. 1020080053539).
- Seo Jin Ho, Yong Cheol Park, Kwak Su Ryang, Sunghoon Park, Subramanian Mohan Raj, Chelladurai Rathnasingh. Method for production of 3-hydroxypropionic acid from glycerol by cultivating recombinant E. coli (http://eng.kipris.or.kr/eng/main/main_eng.jsp; Korean Patent File No. 1020090075748).
- Seo Jin Ho, Yong Cheol Park, Kwak Su Ryang, Sunghoon Park, Subramanian Mohan Raj, Chelladurai Rathnasingh. Method for simultaneous production of 3-hydroxypropionic acid and 1,3-propanediol from glycerol by cultivating recombinant E. coli (http://eng.kipris.or.kr/eng/main/main_eng.jsp; Korean Patent File No. 1020090075754).
- Sunghoon Park, Christy Catherine, Chelladurai Rathnasingh Subramanian Mohan Raj, Choi-Dae Keon. Recombinant microorganisms having vitamin B-12 synthesis capability and preparation method of 3-Hydroxypropionic Acid therewith (http://eng.kipris.or.kr/eng/main/main_eng.jsp; Korean Patent File No. 1020100083654).

- Sunghoon Park, Ashok Somasundar, Jung Woo-Chel, Choi-Dae Keon, Subramanian Mohan Raj. Recombinant microorganisms transformed with puuC gene encoding 3-hydroxypropionaldehyde dehydrogenase and the method of preparing 3-hydroxypropionic acid or co-preparing 1,3-propanediol and 3-hydroxypropionic acid therewith (http://eng.kipris.or.kr/eng/main/main_eng.jsp; Korean Patent File No. 1020100083655).

3.2.3. Provide the following details of ongoing research projects of faculty:

Description	Year	No.	Name of the project	Funding agency	Total grant received
University awarded projects			Will be shown at the time of inspection	PRIST University	(In Lakhs)
Manor (< 1 Lakh)					
	2010	2			0.85
	2011	2			1.45
	2013	4			2.00
Major (>1 Lakh)					
	2011	4			6.65
	2012	1			10.75
Total		13			21.70
Other Agencies					
Major (>1 Lakh)	2011-2012	1		DRDO	4.10
National	2012-2015	5		DRDO, WNRF DBT, DST	59.69
	2013-2016	1		DST	34.98
International	2013-2016	1		Indo-Korea	32.81
National	2014-2017	1		DBT	5.30
Total		9		136.88	

3.2.4. Does the university have any projects sponsored by the industry / corporate houses? If yes, give details such as the name of the project, funding agency and grants received.

Yes, the University has attracted a project for the tune of 9.99 Lakhs as corporate funding from World Noni Research Foundation (WNRF) and the project was completed successfully. The University is also in the process of attracting funding from industries for research projects.

PI	Title of the project	Sanctioned (In Lakhs)	Status
Dr. S. Ramesh	Antihyperglycemic, antihyperlipidemic and antioxidative effects of Noni (<i>Morinda citrifolia</i> L.) fruits in experimental and clinical models (WNRF-Project/Dr. Ramesh-PRIST/MoA/12)	9.99	Feb.2012- Feb.2014 Completed

3.2.5. How many departments of the university have been recognized for their research activities by national / international agencies (UGC-SAP, CAS; Department with Potential for Excellence; DST-FIST; DBT, ICSSR, ICHR, ICPR, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthroughs achieved by this recognition.

PRIST is yet to get recognition from national and international agencies.

3.2.6. List details of

- a) Research projects completed and grants received during the last four years (funded by National/International agencies).

S. No.	Principal Investigator	Title of the Project Proposal	Funding agency	Amount sanctioned (in Lakhs)	Amount received as of 09.09.2015	Period / Status
1	Dr.P.L.K.Priyadarshini	The applications of graph theory concepts in cryptography (ERIP/ER/1103893/M/01/1348)	DRDO	4.10	4.10	Oct 2011-Oct.2012 Completed
2	Dr. S. Ramesh	Development of Real-time PCR Based High Throughput Biosensor System for the Detection and identification of Food Borne pathogenic fungi (ERIP/ER/1103948/M/01/1377)	DRDO	9.44	9.44	Feb. 2012-Mar. 2014 Completed
3	Dr. Ashutosh Das	Characterization and Utilization of Residue, Deoiled Cake from Non-Edible Oil – Seeds as Adsorbents in Wastewater Treatment (No. DST/TSG/AF/2011/148/28.01.2013)	DST	34.98	34.98	Feb.2013-Feb. 2016 Ongoing
4	Mrs. Selvasudha	Novel nano formation for treating hyper lititemia	WOS-B	7.24	7.24	Nov. 2012-Nov. 2014 Completed
5	Dr. Anusha Bhaskar	“Medicinal Plants-Their Role in wound Healing and Regeneration” (No.ERIP/ER/1203036/M/01/1466)	DRDO	17.00	16.16	Dec. 2012-May. 2015 Comple

						ed
6	Dr. S.Ramesh	Development and validation of real-time PCR based nanodiagnostic system for rapid detection, biotyping and quantification of food borne enterotoxigenic bacterio pathogens (No.BT/PR10423/PFN/20/883/2013)	DBT	15.83	5.30	Dec. 2014- Dec. 2017 Ongoing
	Total budget			98.58	87.21	

b) Inter-institutional collaborative projects and grants received

(i) All India collaboration

Principal Investigator	Title of the Project Proposal	Funding agency	Amount sanctioned (in Lakhs)	Amount received as of 09.09.2015	Period / Status
Dr.R.Elang o Mathavan	In vitro and Ex situ Conservation and Rehabilitation of selected Threatened Medicinal Plants of North East India. (BCIL/NER-BPMC/2012/699)	DBT	17.1	16.9	Apr. 2012- Apr. 2015 Completed

(ii) International

Principal Investigator	Title of the Project Proposal	Funding agency	Amount sanctioned (in Lakhs)	Amount received as of 09.09.2015	Period / Status

Dr. S. Mohan Raj	Construction of Synthetic Electron Circuit in Escherichia coli for Enhanced Production of Hydrogen from Renewable Source (IND-Korea/P-19/30.05.2013)	DST-India and MEST-Republic of Korea	58.12	32.81	July 2013 -July 2016 Ongoing
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3.3. Research Facilities

3.3.1. What efforts have been made by the university to improve its infrastructure requirements to facilitate research? What strategies have been evolved to meet the needs of researchers in emerging disciplines?

This University is continuously taking efforts in improving its infrastructure facilities on campus, in spite of its financial crisis. A new four storied building in 50,000 Sq.ft has recently been constructed, exclusively for R&D, that includes central laboratory, subject-wise laboratories, animal house, conference halls, multimedia facility, computer labs for students and conducting training programs, students admission, library with journals and books, internet with Wi-Fi connectivity, and accommodation facility for scientists and researchers on par to leading universities for their uninterrupted round the clock research activities. The following are the recent efforts taken exclusively for developing R&D activities on campus.

Infrastructure facilities		
R&D infrastructure	R&D plinth area (in Sq. ft)	50,000
	R&D building construction (in Crore)	8.0
	R&D lab infrastructure (in Crore)	2.3
	R&D equipment (in Crore)	3.0
	Other laboratory equipment	9.83

In additions to that many strategies have been evolved to cater the needs to researchers in emerging disciplines. To list a few,

- all Scientists and faculty have been encouraged to submit project proposals for extramural research grants to further develop their own R&D activities
- in order to promote young researchers, a seed money is given depending on the novelty of the projects
- proposals are being sent to all Govt. agencies for further improving the existing facilities

- purchase committee and all technical assistances are provided in order to speed-up the project activities
- encouraged to conduct society-oriented research on day-to-day challenges in healthcare, food and nutrition, energy and new materials to reach the society than publishing papers
- encouraged to participate and present research findings in national and international workshops, conferences and symposia.
- encouraged to attend periodical training programs to keep abreast in their research disciplines
- encouraged to conduct many workshops, seminars, and conferences to update the current status in emerging disciplines and look for further development
- encouraged the researchers to develop network in India and other countries for promoting science and technologies
- Staff exchange programs are promoted on sabbatical for their post-doctoral work and research activities
- collaborative and inter-disciplinary research have been promoted in all levels

3.3.2. Does the university have an Information Resource Centre to cater to the needs of researchers? If yes, provide details of the facility.

Yes, our knowledge resource center is well-equipped with following facilities;

Facility at Information Resource Centre	Numbers
Books	31183
Volumes	81633
Journals	112
Magazines	43
e-journals	
JGATE-journals	32000
EBSCO	3152
IEEE	15650
MathsC INET	878
E-Theses	66
NPTEL	623
UGC-INFLIBNET, DELNET, and online database services	√

3.3.3. Does the university have a University Science Instrumentation Centre (USIC)? If yes, have the facilities been made available to research scholars? What is the funding allotted to USIC?

Yes, we have USIC, but in the name of Central instrumentation facility, which is made available to all research scholars and faculty. This laboratory houses many instruments in which the scholars have access to all without much administrative formalities. A total of 15% was allotted to R&D that includes USIC. The University also takes care of the maintenance of this facility utilizing partial overhead charges from funded projects, and through revenue generated through third party analysis and consultancy services.

3.3.4. Does the university provide residential facilities (with computer and internet facilities) for research scholars, post-doctoral fellows, research associates, summer fellows of various academies and visiting scientists (national/international)?

Yes, the University provides accommodation for all in-house researchers and visiting researchers of national and international repute on campus. Guest researchers are given freedom to choose depends on their stipend, expected comfort and duration of stay. Separate wings and blocks are available for different category like juniors, seniors, post-doc fellows, scientist, faculties, visitors, VIPs and so on. The following types of accommodation are available within premises.

- Separate hostel for men and women
- Guest house for short and long stay
- Refreshment lounge for transit accommodation
- Amenities like computer and internet, Wi-Fi, food facility, laundry, Gym, indoor games are accessible to all guests.

3.3.5. Does the university have a specialized research centre/workstation on-campus and off-campus to address the special challenges of research programmes?

Yes, the University has specialized research centres to conduct research pertaining to

- Environmental Engineering
- Centre for Biotechnology
- Advanced Computing and Bioinformatics
- Crystal Growth and Thin Film Technology

3.3.6. Does the university have centres of national and international recognition/repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.

We have established a research center for “Tissue culture and micro-propagation” which is partially supported by DBT under North East Collaboration. This centre maintains many endangered plants. This is open to access for all researches from various organizations, who work on the ground of the discipline.

3.4. Research Publications and Awards

3.4.1. Does the university publish any research journal(s)? If yes, indicate the composition of the editorial board, editorial policies and state whether it/they is/are listed in any international database.

Yes, the University publishes an “International Journal of Science, Arts and Humanities (ISBN 0975-9611)”, However, it does not listed in any of the international databases

Editorial board

Chief Patron: Prof. P. Murugesan
Chancellor, PRIST University, Thanjavur

Patron: Dr. N. Ethirajalu
Vice Chancellor, PRIST University, Thanjavur

Editor-in-Chief : Dr. R. Elango Mathavan
PRIST University, Thanjavur

Editor : Dr. S. Ramesh
Scientist, CRD, PRIST University, Thanjavur

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Dr. S. Gnanasambandam, Assistant Director, Plant Quarantine Cell, GoI, Chennai
Dr. S. Clement, Birla Institute of Technology, Goa

Editorial policies:

International Journal for Humanities, Science and Technology (IJHST – ISSN: 0975-961X) is publishing full-length research papers and review articles covering subjects that fall under the wide spectrum of arts, science and technology. The journal is dedicated towards dissemination of knowledge related to the advancement in scientific research. IJHST is published by Centre for Research and Development on behalf of PRIST University. The journal publishes one issue a year since its inception in 2010. Manuscripts submitted to IJHST will be peer-reviewed by the editorial board members and independent referees. The publisher encourages the authors and reviewers to use the electronic submission and peer-review system. When submitting an article, all authors are asked to indicate that they do not have a related or duplicate manuscript under consideration (or accepted) for publication elsewhere. If related work has been submitted elsewhere, a copy must be included with the article submitted to IJHST. Reviewers will be asked to comment on the overlap between related submissions. Editors and reviewers are required to treat all submitted manuscripts in strict confidence. The names and email addresses entered in this journal site will be used exclusively for the stated purposes of this journal and will not be made available for any other purpose or to any other party. Responsibility for the accuracy of content lies with the author(s) of the paper. Authors are expected to be aware of, and comply with, best practice in publication ethics specifically with regard to authorship, dual submission, plagiarism, manipulation of figures, competing interests and compliance with policies on research ethics. Reviewers and Editors treat all the manuscripts fairly and in confidence.

3.4.2. Give details of publications by the faculty:

Publications by the faculty	Number
Number of papers published in peer reviewed journals (national / international)	982
Monographs	-
Chapters in Book	3
Books edited	1
Books with ISBN with details of publishers Number listed in international Database (For e.g. Web of Science, Scopus, Humanities International Complete, EBSCO host, etc.)	7
Scopus-indexed papers	583
PubMed-indexed	85
Highest impact factor	8.252
Total citation (Scopus indexed-530)	1420
Citation range	01 – 68
Average citation	4.829
SNIP	-
SJR Impact Factor – range / average	-
h-index	16

3.4.2. Give details of

Faculty serving on the editorial boards of national and international journals

Faculty	Journal	Role
Dr. Elango Mathavan	International Journal of Science, Arts and Humanities (ISBN 0975-9611)	Editor
Dr. S. Ramesh	International Journal of Science, Arts and Humanities (ISBN 0975-9611)	Assistant Editor
Dr. S. Mohan Raj	Frontier	Review Editor
Dr. Anusha Baskar	Frontier Biomolecular Engineering	Associate Editor
	Bioresource Bulletin	Editorial member
	J. Practical Biochem. Biophys.	Editorial member
Dr. Parthiban	J. Innovative research in commerce and management	Editorial member
	J. Modern Medicinal Chem.	

Faculty serving as members of steering committees of international conferences recognized by reputed organizations / societies

- Dr. N. Ethirajalu
- Dr. V. Manivannan
- Dr. M. Ramalingam
- Dr. S. Mohan Raj
- Dr. Anusha Baskar
- Dr. R. Elango Mathavan
- Dr. S. Ramesh
- Dr. S. Patharajan

3.4.3. Provide details of

a) Research awards received by the faculty and students

Awardee: Mr. TTM Kannan, Faculty of Mechanical Engineering

Title of the Award: Best project award for “Micro Factory for micro components” by The Institutions of Engineers (India)

b) National and international recognition received by the faculty from reputed professional bodies and agencies

- Member, Korean Society of Biotechnology and Bioprocess Engineering, Korea
- Member, Biotechnology and Industry Organization, USA
- Member, Biotechnology Research Society of India
- Member, Indian Society for Technical Education
- Indian Association of Clinical Biochemists of India
- Indian Association of Biomedical Sciences
- Science Journal of Chemistry, Science Publishing Group, New York, USA.

- American Journal of Chemistry and Applications, Open Science Publisher, New York, USA. Journal of Critical Reviews, Innovare Academic Sciences, Madhya Pradesh, India.
- International Journal of Chemistry, International Organization of Scientific Research and Development, Taiwan and India.
- Journal of Pure and Applied Chemistry, Donnish Publishing House, Sapele, Nigeria.
- Global Journal of Chemistry, Global Publishing Corporation, USA. International Journal of Research in Science & Technology, IRA Publications, Ghaziabad, India

3.4.4. Indicate the average number of successful M.Phil. and Ph.D. scholars guided per faculty during the last four years. Does the university participate in Shodhganga by depositing the Ph.D. theses with INFLIBNET for electronic dissemination through open access?

The University has successfully produced 121 Ph.D degrees in the last 4 years. An average of 2 faculty for Arts, 20 faculty for Science, and 4 faculty for Engineering disciplines have been calculated. In case of M.Phil., an average of 5 per faculty have been completed per year. The University has taken steps to participate in Shodhganga for depositing of the Ph.D theses.

3.4.5. What is the official policy of the university to check malpractices and plagiarism in research? Mention the number of plagiarism cases reported and action taken.

The University adheres to the UGC guidelines to check plagiarism in research. Theses submitted to the University are screened with plagiarism screening software. The University undertakes research in an impeccable manner and the thesis submitted conforms to the Good Research Practices. The University Research Board has the power to investigate any complaints of alleged research misconduct by the research scholar or the Supervisor. However, no such incidence has been reported in the university in PhD. and MPhil.

3.4.6. Does the university promote interdisciplinary research? If yes, how many interdepartmental / interdisciplinary research projects have been undertaken and mention the number of departments involved in such endeavors?

Yes, the University promotes many interdisciplinary / interdepartmental research projects.

Title of the Project Proposal	Departments Involved	
Development of Real-time PCR Based High Throughput Biosensor System for the Detection and identification of Food Borne pathogenic fungi	Dept. of Microbiology	Dept. of Biotechnology

(ERIP/ER/1103948/M/01/1377)		
Antihyperglycemic, antihyperlipidemic and antioxidative effects of Noni (<i>Morinda citrifolia</i> L.) fruits in experimental and clinical models (WNRF-Project/Dr. Ramesh-PRIST/MoA/12)	Dept. of Microbiology	Dept. of Biotechnology
Development and validation of real-time PCR based nanodiagnostic system for rapid detection, biotyping and quantification of food borne enterotoxigenic bacterio pathogens (No.BT/PR10423/PFN/20/883/2013)	Dept. of Biotechnology PRIST University	Dept of Botany, Assam Agricultural University
Construction of Synthetic Electron Circuit in <i>Escherichia coli</i> for Enhanced Production of Hydrogen from Renewable Source (IND-Korea/P-19/30.05.2013)	Dept of Centre for Research and Development, PRIST University	Dept of Chemical and Biomolecular Engineering, Pusan National University, Busan, Korea

3.4.7. Has the University instituted any research awards? If yes, list the awards.

Yes.

List of Awards

1) Research Achievement Award

Candidates are expected to have achieved international/national distinction and to be at the forefront of their chosen field.

2) Researcher of the Year Award

For faculty with exceptional research accomplishments of international/national merit, in terms of publications (IF), funded projects sanctioned, patents, scientific recognitions etc.

3.4.8. What are the incentives given to the faculty for receiving state, national and international recognition for research contributions?

The faculty who bring laurels to the University are given due recognition. Faculty, who get national and international recognition are honored with positions of conveners / members, etc. Cash awards are given to faculty who successfully guide a complete Ph.D candidate.

3.5. Consultancy

3.5.1. What is the official policy of the University for Structured Consultancy? List a few important consultancies undertaken by the university during the last four years.

This University encourages the faculty to undertake consultancy with industries and other extramural agencies by allowing the faculty to make use of the infrastructural facilities of the University. The University has developed and implemented a “**Policy on Consultancy**” as approved by the Board of Management.

- Trouble shooting for foul smell problem in culture system
- Culture tank design for algal cultivation
- Animal feed formulation developed
- Assessment of beach mining land exploitation
- Solid waste management at industries
- Biofertilizers production technologies
- Industrial chemical production technologies

3.5.2. Does the university have a university-industry cell? If yes, what is its scope and range of activities?

Yes, the University – Industry Interaction Centre is housed in the Central Research Facility. The following are the activities of University-Industry cell:

- Active Involvement of Industry in Curriculum Design
- Internship /training of the students has developed their skills
- Faculty is introduced to research from the Industry perspective.
- Entrepreneur skill development and soft skill training by experts from the industry has helped the students.

3.5.3. What is the mode of publicizing the expertise of the University for Consultancy Services? Which are the departments from whom consultancy has been sought?

The University uses its

- Website as a platform to publicize the expertise of the faculty members
- One to one interaction with the Industries to which we can offer consultancy.
- Interaction with professional bodies and associations help to carry the message.

Consultancy has been sought mostly from Centre for Research and Development and Department of Life Sciences at the University.

3.5.4. How does the university utilize the expertise of its faculty with regard to consultancy services?

Sharing of Knowledge and expertise of the faculty when rendered to the community not only benefits the community but also the University in generating revenue. The final year students are exposed to industrial problems and along with the faculty members develop solutions to them.

3.5.5. List the broad areas of consultancy services provided by the university and the revenue generated during the last four years.

- Consultancy services available at CRD -Research support→ Training
→Technology support
- Alternative energy models
- Animal feed formulations
- Aquaculture
- Aromatic and medicinal plant cultivation and supplies
- Biofertilizers
- Disease free plantations
- Effluent treatment
- Embedded systems
- Vermicomposting
- Analytical support for students, researchers, industrial and technical professionals
- Business support in aromatic and medicinal plants cultivation and marketing
- Farming system and management for agriculturists/farmers
- Pollution monitoring control
- Product and process development for industries
- Production of bulk and fine chemicals, biomaterials and energy related products
- Rural development
- Solid waste and waste water management to industries

Year	Revenue generated (In Lakhs)
2011	3.29
2012	5.46
2013	7.85
2014	8.19
2015	6.23
Total	31.02

3.6. Extension Activities and Institutional Social Responsibility (ISR)

3.6.1. How does the university sensitize its faculty and students on its Institutional Social Responsibilities? List the social outreach programmes which have created an impact on students' campus experience during the last four years.

The University sensitizes its faculty and students on social responsibilities through conducting awareness camp, blood donation camp, tobacco awareness programs, cancer awareness programs and other NSS activities apart from the academic activities. Many programs have been conducted in the last four years and the list showing the department wise programs are shown below.

S.No.	Year	Date	Dept	Program	Location
1	2009	12/8/2009	EEE	Tree plantation pusphavaneshwara temple	Malathirupant huruthi
2	2009	2/9/2009	EEE	Communal harmony day	Arsuthipattu government high school
3	2010	8/3/2010	EEE	Womens day celebration	Prist university
4	2010	10/4/2010	EEE	Electrical safety	Vallam
5	2011	24-02-2011 TO 25-02-2011	EEE	Traffic rules violation road accidents	Thanjavur
6	2012	11/10/2012	EEE	Awareness program on dengue	Vallam
7	2012	22-10-2012	EEE	One day workshop on medical plant	Prist university
8	2013	14-08-2013	EEE	School awareness program	Arsuthipattu government high school
9	2013	20-08-2013	EEE	Sadbhavana diwas	Prist university
10	2014	4/1/2014	EEE	Awareness program for water quality assessment	Vallam
11	2014	21-1-2014	EEE	Enroll the name in election list	Thanjavur
12	2014	22-04-2014	EEE	Simple maintenance in electrical apparatus	Vallam
13	2009	20-02-2009 TO 27-02-2009	EEE	National services scheme camp	Vallam puthur

14	2010	4/9/2010	EEE	Blood donation camp & nss day celebration	Vallam
15	2010	05-02-2010 TO 10-02-2010	EEE	National services scheme camp	Alakudi
16	2011	12/8/2011	EEE	National services scheme camp pusphavaneshwarar temple	Malathirupant huruthi
17	2011	7/2/2011	EEE	National services scheme camp	Vannarapetai
18	2012	21-08-2012	EEE	National services scheme blood donation camp	Prist university
19	2013	08-02-2013 TO 15-02-2013	EEE	National services scheme camp	Vallam puthur
20	2014	4/2/2014	EEE	Primary helth checkup camp	Vallam
21	2009	20/02/2009	MB A	Blood donation camp	Prist university
22	2010	5/3/2010	MB A	Skin safety awareness programme	Prist university
23	2011	11/2/2011	MB A	Stress management	Prist university
24	2012	3/2/2012	MB A	Campus cleaning activity	Prist university
25	2013	8/2/2013	MB A	Women empowerment	Prist university
26	2013	12/7/2013	MB A	Consumer awareness programme	Prist university
27	2013	20/12/2013	MB A	Voter's day oath	Prist university
28	2014	24/02/2014	MB A	Campus cleaning activity	Prist university
29	2014	21/03/2014	MB A	Blood donation camp	Prist university
30	2014	28/03/2014	MB A	Sampling plantation	Munniyampatti village
31	2010	11.01.2010	CSE	Science exhibitions	St. Mary's middle school, orathanadu
32	2010	19.02.2010	CSE	Science exhibitions,guest lecture	Ramakrishna mission orphanage middle school,thillaisthanam.

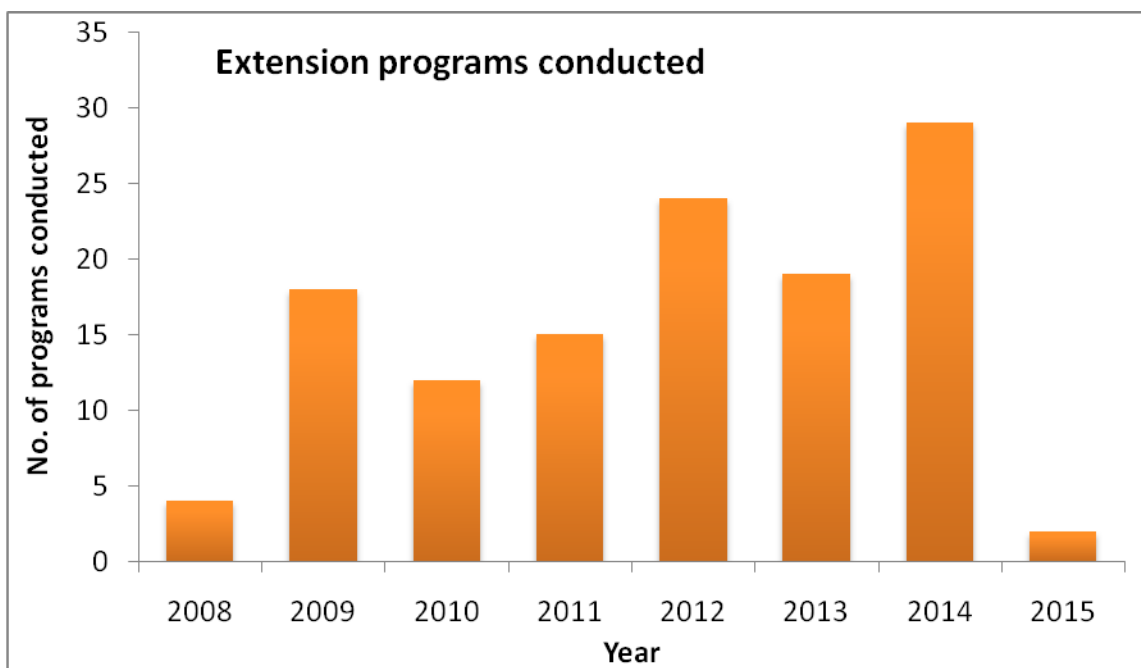
33	2010	02.02.2010	CSE	Tree Cramping,Awareness on Mobile Medicine	Vallampudur Taluk
34	2012	16.8.2012	CSE	Awareness about swine flu	Srinivasa nursery and primary school, Thiruvaiyaru
35	2013	20.10.2013	CSE	Tree Cramping, Awareness on Mobile Medicine	Sengipatti
36	2011	07.08.11	ECE	Tobacco cessation awareness programme	Primary health center, vallam
37	2011	13.8.11	ECE	Disaster awareness programme	Sri sathya sai organization
38	2011	21.09.11	ECE	Blood donation camp	Thanjavur Medical College
39	2011	04.11.11	ECE	Voters Day – Awareness program	PRIST University
40	2012	25.01.12	ECE	Uzhavarapani in Arulmigu Haribrammesurar Lakshmi Narayana Perumal Thirukoil	Nadulavery, thiruvaiaru
41	2012	23.02.12	ECE	Blood donation	Prist university
42	2012	08.03.12	ECE	Celebrated the International Women’s Day	PRIST University
43	2012	20.03.12	ECE	Seminar on “Women’s Health Care” by Dr.B.Thamaraiselvi. MD, DGO	PRIST University
44	2012	24.03.12 – 30.03.12	ECE	Special camp	Panayakottai, sadayarkoil & arsuthipattu.
45	2012	15.08.12	ECE	Celebration of Independence Day	PRIST University
46	2012	14.09.12	ECE	Workshop on Stress Management	PRIST University
47	2012	21.09.12	ECE	Awareness Programme on Self Confidence by Dr.P. Rajagopalan, Retd Professor, Thanjavur Medical college	PRIST University
48	2012	11.10.12	ECE	Awareness Programme on Dengue	Vallam Sethi gramam

49	201 2	22.10.12	ECE	One day workshop on Medicinal plants by Mr. M. Selvam, Forest extension officer	PRIST University, Vallam
50	201 3	01.03.13	ECE	An awareness program for water Quality assessment	Vallam Sethi gramam
51	201 3	08.03.13	ECE	Celebrated the International Women's Day	PRIST University
52	201 3	28.03.13	ECE	Plant trees around our girls hostel	PRIST University, Vallam
53	201 3	20.08.13	ECE	Sadbhavana Diwas day celebration	PRIST University, Vallam
54	201 3	04.09.13	ECE	Blood donation camp in collaboration with Thanjavur Medical College	PRIST University
55	201 4	01.02.14	ECE	Blood donation camp in collaboration with Thanjavur Medical College	PRIST University
56	201 4	14.02.14	ECE	Blood Donation camp	Kumbakonam Govt. Arts College campus
57	201 4	27.02.14	ECE	Campus cleaning activity	Prist university
58	201 4	08.03.14	ECE	Celebrated the International Women's Day	PRIST University
59	201 4	14.03.14	ECE	Special lecture on Consumer Awareness	PRIST University
60	201 4	18.03.14	ECE	Special Oath taking ceremony on behalf of the National Voter's Day	PRIST University
61	201 4	22.03.14	ECE	Sampling Plantation and Sampling donation Program	Munniyampatti village, Thanjavur
62	201 4	02.08.14	ECE	Sampling plantation	Vallam puthur
63	201 4	18.07.14	ECE	Campus cleaning activity – Swaach bharath abhiyan	Prist University
64	201 5	12.03.15	ECE	Seminar on Knowledge management – Dr.A.Ganesan, Director,	Prist University

				Library	
65	2014	28.08.14	ECE	Outreach program – Hands on training on “Computer hardware and dry assemblies”	Rajas Hr.Sec.School , Thanjavur
66	2010	18.08.10	ECE	Science exhibition	ECE Department
67	2011	05.01.11	ECE	Awareness Program on GATE	PRIST UNIVERSITY
68	2011	18.03.11	ECE	Cultural meet	Prist university
69	2011	30.06.11	ECE	Cultural Program – La illuminate’11	PRIST UNIVERSITY
70	2011	26.07.11 & 27.09.11	ECE	Personality development program	ECE Department
71	2011	15.10.11	ECE	Outreach program	P.R.Public School, Thanjavur
72	2012	26.07.12 to 30.07.12	ECE	Industrial visit to CDAC, & HAL, Bangalore for fourth year students	ECE Department
73	2012	01.08.12	ECE	Local visit to All India Radio, Trichy for Third year students	ECE Department
74	2012	01.09.12	ECE	Sports – Volley ball and Kabadi Tournament	PRIST UNIVERSITY
75	2012	17.09.12	ECE	Awareness Program on GATE-2013	PRIST UNIVERSITY
76	2012	12.10.12	ECE	Special lecture titled “Motivation to Budding Engineers”	Mr.S.Dinesh Sundar- ECE Department
77	2012	02.11.12	ECE	Special lecture on “How to face interviews”	Mr.S.Dinesh Sundar- ECE Department
78	2013	11.01.13	ECE	Awareness Program on GATE-2014	PRIST UNIVERSITY
79	2013	06.02.13	ECE	Mini project exhibition	ECE Department
80	2010	8/3/2010	EEE	Womens day celebration	Prist university
81	2010	10/4/2010	EEE	Electrical saftey	Vallam
82	2011	24-02-2011 TO 25-02-2011	EEE	Traffic rules violation road accidents	Thanjavur
83	201	11/10/201	EEE	Awarness program on	Vallam

	2	2		dengue	
84	2012	22-10-2012	EEE	One day workshop on medical plant	Prist university
85	2013	14-08-2013	EEE	School awarness program	Arsuthipattu government high school
86	2013	20-08-2013	EEE	Sadbhavana diwas	Prist university
87	2014	4/1/2014	EEE	Awariness program for water quality asesment	Vallam
88	2014	21-1-2014	EEE	Enroll the name in election list	Thanjavur
89	2014	22-04-2014	EEE	Simple maintenances in electrical apparatus	Vallam
90	2010	5/3/2010	MB A	Skin safety awareness programme	Prist university
91	2011	11/2/2011	MB A	Stress management	Prist university
92	2012	3/2/2012	MB A	Campus cleaning activity	Prist university
93	2013	8/2/2013	MB A	Women empowerment	Prist university
94	2013	12/7/2013	MB A	Consumer awareness programme	Prist university
95	2013	20/12/2013	MB A	Voter's day oath	Prist university
96	2014	24/02/2014	MB A	Campus cleaning activity	Prist university
97	2014	21/03/2014	MB A	Blood donation camp	Prist university
98	2014	28/03/2014	MB A	Sampling plantation	Munniyampatti village
99	2015	12/3/2015	ECE	Special Seminar on "Knowledge Management"	Prist University
100	2014	18/07/2014	ECE	Awareness on Tobacco Consumption	Prist University
101	2014	2/8/2014	ECE	Planting of Samplings	Vallamputhur Village
102	2014	18/07/2014	ECE	Campus cleaning	Prist university
103	2014	9/8/2014	ECE	University level advisory committee meeting	Prist university
104	2014	12/8/2014	ECE	Special Seminar on "Role of Youth in the upliftment of the Society"	Prist University
105	2014	28/08/2014	ECE	Planting of Samplings	Manojipatty Village

106	2009	10.2009	Uni v	Free deepavali dress distribution to 1,000 poor childran	College premises
107	2008	11/1/2008	NSS	National communal harmonybcampaign week & flag day	College premises
108	2008	11.2008	NSS	World aids awareness	College premises
109	2008	11.2008	NSS	First aid awareness	College premises
110	2009	2009	NSS	Road safety programe	Kuruvadippatti
111	2009	2009	NSS	Blood group identification camp by indian red cross	Kuruvadippatti
112	2009	2009	NSS	Census taking & literacy calculation	Kuruvadippatti
113	2009	2009	NSS	Free dental camp by Dr. Rajamohan (Rohini hospital)	Kuruvadippatti
114	2009	2009	NSS	School and temple cleaning	Kuruvadippatti
115	2009	2009	NSS	Sampling plantation	Kuruvadippatti
116	2009	2009	NSS	Road repairs	Kuruvadippatti
117	2009	2009	NSS	Veterinary camp by Dr. Saravanan	Kuruvadippatti
118	2009	2009	NSS	Sampling plantation	Vallam
119	2009	2009	NSS	Purified water awareness rally	Vallam
120	2009	2009	NSS	Flag day for the blind	COLLEGE PREMISES
121	2009	2009	NSS	Blood donars day	COLLEGE PREMISES
122	2009	2009	NSS	Blood donation camp	COLLEGE PREMISES
123	2008	10.2008	Uni v	Free deepavali dress distribution to 1,000 poor childran	College premises



3.6.2. How does the university promote university-neighborhood network and student engagement, contributing to the holistic development of students and sustained community development?

Please refer to the list of programs conducted by the University for contributing to the holistic development of students and sustained community development as shown in **section 3.6.1**. Our students and faculty were involved extensively for social benefits without any expectation. This University has been serving the society by identifying and contributing Deepavali Dress to 1000 poor children every year. Overall, this University has celebrated its 16th festival like this with poor children along with their parents.

3.6.3. How does the university promote the participation of the students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International programmes?

Social responsibility was the key objectives of this University. The University continues its social activities involving its NSS and students volunteers. We kindly request the reviewers to refer to the answer given in **section 3.6.2**. To highlight a few, our students' activities on blood donations, plantations, conducting free dental camp, first aid awareness programs, road safety programs, national community harmony campaign and fag day programs, census and literacy calculations in association with the officials from Govt. of India, were highly appreciated and well received among the public.

3.6.4. Give details of social surveys, research or extension work, if any, undertaken by the university to ensure social justice and empower the underprivileged and the most vulnerable sections of society?

Our students' involvement on census and literacy calculations in association with the officials from Govt. of India were highly appreciated and well received by the public.

3.6.5. Does the university have a mechanism to track the students' involvement in various social movements / activities which promote citizenship roles?

Yes, the University has a mechanism to track the students' involvement in various activities through NSS.

3.6.6. Bearing in mind the objectives and expected outcomes of the extension activities organized by the university, how did they complement students' academic learning experience? Specify the values inculcated and skills learnt.

By involving the students and faculty, the vision of the University is fulfilled. The students have become social workers by learning new facts and skill set on every program. The outcome of conducting such extension programs is satisfactory. The University has a great name from people of Thanjavur District for its services and popularity. However, the 44 University list is the killing effect that damaged our name what we have earned in the last 25 years.

3.6.7. How does the university ensure the involvement of the community in its outreach activities and contribute to community development? Give details of the initiatives of the university which have encouraged community participation in its activities.

This institution makes sure that the programs that it plans will be of some help to the public community. It always involves local community volunteers in addition to our students and faculty participation for its outreach programs. Plantation of saplings in Thanjavur, AIDS awareness campaign, blood donations programs, first-aid awareness programs, road safety programs, national community harmony campaign are the notable highlights of its encouragement of community participation. Moreover, the institution has spent more than Rs. 3.0 Crore for the contribution to community development. The list of some major initiatives and contributions are given below.

Year	Contribution to social and community development
2002	Hostel fees, food and accommodation of Rs. 4,650 have been paid for 38 poor orphan students(27 girls and 11 boys), Govt. Hr. Sec. School, near Old bus stand (bridge)
2002	Free seats for bachelor degree courses for 5 students from Govt. Orphanage, Thanjavur by Ponnaiyah Ramajayam College
2003	Installation of submersible motor in the govt. orphanage for the purpose of drinking water
2003	Free Hostel, food and accommodation have been provided for 5 students from Kasthurba Gandhi Kanya Gurukulam by Ponnaiyah Ramajayam College
2003	Free Hostel, food and accommodation have been provided for 5 students from Kasthurba Gandhi Kanya Gurukulam by Ponnaiyah Ramajayam College
2003	Rain water harvesting tank was built for 230 poor orphan students, Govt. Hr. Sec. School, near Old bus stand (bridge)

2003	Donation of twenty dual desks to Govt. Hr. Sec. School, Melaulur
2003	Conducting blood donation camp, Students of Ponnaiyah Ramajayam College
2003	Blood identification camp was conducted at Govt. Hr. Sec. School, Vandaiyar Iruppu, Thanjavur
2003	Donation of fifty dual desks to Govt. Hr. Sec. School, Bingadu, Thiruvarur
2003	Free seats for bachelor degree courses for 7 students from Govt. Hr. Sec. School, Melaulur by Ponnaiyah Ramajayam College
2004	Free Hostel, food and accomadation have been provided for 10 students from Kasthurba Gandhi Kanya Gurukulam by Ponnaiyah Ramajayam College
2006	Conducting blood donation camp, Students of Ponnaiyah Ramajayam Engineering College
2007	Cleaning of temple premises at Thiruchendur Arulmigu Subramaniasamy thirukovil devasthanam by Students of Ponnaiyah Ramajayam College, Thanjavur
2007	Conducting blood donation camp, Students of Ponnaiyah Ramajayam Engineering College
2007	Organizing Sri Srinivasa Padmavathi Thiru Kalyana Utsavam by Ponnaiyah Ramajayam Engineering College, Thanjavur
2008	25,000 USD was donated by Ponnaiyah Ramajayam to Rotary club, Thanjavur south. From this money, Rs. 2,00,000/- was donated per year for providing sanitary facilities and good drinking water in Panchayat, Municipal, Govt. and Govt. aided schools as long as Rotary lives.
2008	Rs. 2,00,000/- was donated to S. Malathi, Mannargudi for her marriage
2009	Rs. 2,00,000/- was donated to A. Kalaiyarasi, Thandankovil, Mannargudi for her marriage
	PRIST University, Thanjavur. Indian bank sponsered Rs. 50,000/- (for second prize) for organising Science and technology exhibition
2010	Organizing Science and technology exhibition by PRIST University, Thanjavur. First prize: Rs. 1,00,000/-. Second prize: Rs. 50,000/-. Third prize: Rs. 25,000/-.
2010	Organizing Science and technology exhibition by PRIST University, Thanjavur.
2010	Free Deepavali dress to 1200 poor children (13 th Year)
2011	Opening Ponnaiyah Ramajayam free hospital for people
2011	Free Deepavali dress to 1200 poor children (14 th Year)
2012	Open area of 15,700 Sq.ft. was donated to Blake Hr. Sec. School, Thanjavur by the Founder and Chancellor, PRIST University
2012	RO plant was provided at Srinivasa Hr. Sec. School, Thiruvaiyaru

	by the Founder and Chancellor, PRIST University
2012	Establishment of well and electric motor for the people of Surakkottai, Thanjavur, by the Founder and Chancellor, PRIST University
2012	Free Deepavali dress to 1200 poor children (15 th Year)
2012	Offering free education to 25 students identified by Rotary club of Pondicherry cosmos
2013	Free Deepavali dress to 1200 poor children (16 th Year)
2014	Free Deepavali dress to 1200 poor children (17 th Year)

Contribution to the welfare of the faculty

Year	Details	Donated by
2002	Free seats for bachelor degree courses for 5 students from Govt. Orphanage, Thanjavur by Ponnaiyah Ramajayam College	Prof. P. Murugesan, Founder and Chancellor, PRIST University
2003	Free Hostel, food and accomadation have been provided for 5 students from Kasthurba Gandhi Kanya Gurukulam by Ponnaiyah Ramajayam College	Prof. P. Murugesan, Founder and Chancellor, PRIST University
2003	Free Hostel, food and accomadation have been provided for 5 students from Kasthurba Gandhi Kanya Gurukulam by Ponnaiyah Ramajayam College	Prof. P. Murugesan, Founder and Chancellor, PRIST University
2003	Free seats for bachelor degree courses for 7 students from Govt. Hr. Sec. School, Melaulur by Ponnaiyah Ramajayam College	Prof. P. Murugesan, Founder and Chancellor, PRIST University
2004	Free Hostel, food and accomadation have been provided for 10 students from Kasthurba Gandhi Kanya Gurukulam by Ponnaiyah Ramajayam College	Prof. P. Murugesan, Founder and Chancellor, PRIST University
2009	Rs. 1,35,624/- was paid for Mr. P. Asokan (staff of PRIST University) for his medical treatment of angiography in	Prof. P. Murugesan, Founder and Chancellor, PRIST University

	Vijaya Hospital, Chennai	
2010	Rs. 10,119/- was paid for Mr. B. Srivasan (staff of PRIST University) for his medical treatment in Right Hospital, Thanjavur	Prof. P. Murugesan, Founder and Chancellor, PRIST University
2010	Rs. 1,36,217/- was paid for Mr. P.S.M. Kannan (110, 7th cross street, Arulananda Nagar, Thanjavur) for his medical treatment of brain operation in Apollo Hospital, Chennai	Prof. P. Murugesan, Founder and Chancellor, PRIST University
2010	Rs. 1,60,000/- was paid for Mr. V. Selvam (13, Madulam Pettai Street, Kumbakonam) for his medical treatment of CABG surgery in Vijaya heart foundation, Vijaya Hospital, Chennai	Prof. P. Murugesan, Founder and Chancellor, PRIST University
2010	Rs. 50,000/- was paid for Mr. K. Janardhanan (B.Tech (mechanical) student of PIRST University Puducherry campus) for his medical treatment.	Prof. P. Murugesan, Founder and Chancellor, PRIST University

3.6.8. Give details of awards received by the institution for extension activities and/contributions to social/community development during the last four years.

Year	Date	Name of the Award	Amount
2006	07.07.2006	Commonwealth Youth Silver Award	UK£1000
2008	04.04.2008	Commonwealth Youth Gold Award	UK£3000
2004	2003-2004	Lions' club Award for best service	Prof. P. Murugesan, Founder and Chancellor, PRIST University

3.7 Collaboration

3.7.1. How has the university's collaboration with other agencies impacted the visibility, identity and diversity of activities on campus? To what extent has the university benefitted academically and financially because of collaborations?

The University collaboration with other institutions impacted the identity of running collaborative projects of national priority. Although the University was not benefitted financially much, academically it is progressing well because of the national and international collaborations.

3.7.2. Mention specific examples of how these linkages promote

Aspects	Promotional activities
Curriculum development	By inviting other universities and involving national and international professors in getting feedback for curriculum development and reforms
Internship	promoted exchange of students for project works
On-the-job training	Industry linkages have helped many students to avail project work on site and possibilities of absorption of students for job. Many students were benefitted because of the linkages
Faculty exchange and development	helped the faculty to get an opportunity to do their post-doctoral research work in various countries
Research	Utilization of state-of-the-art laboratory facilities for conducting project work
Publication	Utilization of state-of-the-art facilities lead to publication of our papers in with the journal of repute with high impact factor
Consultancy	It was promoted to 3.7 lakhs through network. However, it is planned to be increased further
Extension	These linkages were not of much help in conducting extension programs
Student placement	Increased
Any other (please specify)	International collaborations have helped in understanding the current status of discipline and global challenges to be addressed

3.7.3. Has the university signed any MoUs with institutions of national/international importance/other universities/industries/corporate houses etc.? If yes, how have they enhanced the research and development activities of the university?

Yes, the University has signed 14 MoUs with many leading academic institutions in various countries and industry. These academic and industrial linkages have helped us to improve the research activities. For example, joint publication of research output in high impact journals for societal benefits, availed inter-national extramural grant for conducting innovative research.

Institution	Purpose	Year of Establishment
Myongji University, South Korea	Research collaboration	2012
South Dakota School of Mines and Technology	Staff exchange, joint research activities and publications, exchange academic materials, information, student exchange	2012
Pusan National University, South Korea	Research collaboration Staff and students exchange	2012
The University of Information Technology and Management in Rzeszow, Poland	Twinning programs Exchange of students/staff Research	2012
Centennial College Toronto, Canada	Articulation agreement Students and faculty exchange Research collaboration	2011
Bin Aqeel Center for University services, Bahrain	Representing PRIST University to conduct study centers at Bahrain	2008
M/s. Beijing Rong-Zhi Ruitong, China	To admit Chinese students at PRIST University	2009
CARI, Port Blair	Research collaboration	2011
Anglia Ruskin University, UK	Students and staff exchange Joint research and development	2009
Shenyang Institute of Aeronautical Engineering, Shenyang, China	Dual degree, students/staff exchange International conferences Language programs	2012
London School of Business Management (LSBM)	Sending students to LSBM	2008
Foyle Language School, Northern Ireland, UK	Language training for teaching staff at PRIST University	2004
American University in the Emirates	Staff/students exchange	2009
Stamford Raffles College, Singapore	Twinning program for PG diploma in Mgmt. and MBA	2010

3.7.4. Have the university-industry interactions resulted in the establishment / creation of highly specialized laboratories / facilities?

Yes, it has helped to improve the laboratory facilities. For example, a Central laboratory have become active, A sapling collection of endangered medicinal plants of national importance are preserved in our laboratory under collaborative programs.

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1: Physical Facilities

4.1.1 How does the University plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?

- The University constantly expands, upgrades the physical infrastructure with the state-of-the-art buildings and laboratory equipments, so as to meet and satisfy the academic requirements of the learning fraternity.
- Adequate space for expansion of infrastructure is made available to meet the growing needs.
- The University has a well-equipped Knowledge Resource Centre (Library) with a very good collection of title, volumes, journals, magazines, articles, CDs in addition to e-learning materials.
- All the Lecture halls, Tutorial rooms, Seminar halls are as per AICTE/UGC/NCTE norms and requirements and are effectively utilized.
- All the laboratories are ventilated, spacious and well-maintained, equipped with necessary equipments/instruments for the conduct of practical classes. Theory of practice/laboratory Manual is made available for all laboratory courses to give preliminary introduction to the students about the course.
- Apart from the regular sophisticated laboratories provided by the Departments to conduct the practical classes as per the curricula and syllabi, the Centre for Research & Development and Centre for Environmental Engineering have research labs provided with most advanced equipments, funded by agencies like DST, DBT, DRDO apart from the University's self-funding, for the benefit of researchers.

4.1.2 Does the University have a policy for the creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.

Yes.

- In order to have a student-friendly learning atmosphere, the University has provided ICT class rooms with LCD projectors in all departments. To enhance the understanding skills of the learners, Interactive Smart class has been created.

- In addition to classroom teaching process, provision for video conferencing lectures like webinars, NPTEL courses are also made available to promote the teaching-learning process.
- To enhance the quality of teaching-learning process, the University has established 'Centre for Development of Teaching & Learning' (CDTL) in the year 2010. The primary focus of CDTL is to enrich the teaching-learning process by way of conducting seminars, guest lectures, workshops, training etc to provide platform for both staff and students to have good exposure about innovative teaching and learning methods.
- The 'Centre for Knowledge Management' (CKM) has organized workshop and training programmes for teaching staff on "Applications of Web 2.0 Tools for teaching and learning", POGIL, MATLAB, etc with an aim to give exposure of using technology for teaching and learning to the teaching staff.
- The departments conduct 'In-House Seminars' and national level seminars and symposiums to make the learners to be aware of the technological advancements in their fields of specialization.

4.1.3 How does the University create a conducive physical ambience for the faculty in terms of adequate research laboratories, computing facilities and allied services?

- The Centre for Research and Development provides sophisticated research laboratory equipments for carrying out research activities both by staff and research scholars.
- Every department has its own laboratories to offer practical training to the students for all courses in the curriculum.
- Every department is equipped with department library, having specialized collection of books, for the benefit of faculties.
- Central computing facility is made available with 1072 computers and 05 servers along with legal application licensed softwares and with good number of printing facilities.
- The entire campus is enabled with Wi-Fi facility.
- Well spaced and equipped central library with all learning requirements is provided.
- Digital library, NPTEL work station and Centre for Virtual Education are also made available
- Allied Services:
Cafeteria with all facilities, health centre, sports facilities to conduct indoor and outdoor games, open air theatre, auditorium, transport facilities, ATM centre, temple, stores, recreation hall, gymnasium are some of the allied services provided by the

University.

4.1.4 Has the University provided all departments with facilities like office room, common room and separate rest rooms for women students and staff?

Yes.

- The University has provided exclusive office rooms for all departments.
- Common room, separate rest rooms are also provided for the benefit of women staff and students.

4.1.5 How does the University ensure that the infrastructure facilities are disabled-friendly?

- Ramps are provided for the easy access to buildings by the disabled persons.
- Wheel-chairs are provided in each block for the benefit of disabled students
- Disabled-friendly toilet facility is made available in the rest rooms.
- Lecture Halls for disabled students are provided in the ground floor

4.1.6 How does the University cater to the requirements of residential students?

Give details of :

- Capacity of hostels and occupancy (to be given separately for men and women).

- Capacity of Hostels & Occupancy details:

TYPE OF HOSTEL	CAPACITY	OCCUPANCY
MEN	600	084
WOMEN	650	078
INTERNATIONAL STUDENTS	050	003

- Recreational facilities in hostels like gymnasium, yoga centre etc.,

The University is providing recreational facilities in Hostels.

- Volleyball and Badminton Courts are provided in Men's Hostels
 - Common Hall in the Hostel is provided with Television Set
 - Basket Ball Court, Throw Ball Court, Table Tennis Boards, Caroms and Chess are provided for women.
 - Meditation Halls are available in Men and Women Hostels
- Broadband connectivity/Wi-Fi connectivity.
- Wi-Fi facility is made available in men and women hostels.

4.1.7 Does the University offer medical facilities for its students and teaching and non-teaching staff living on campus?

- A Health Centre is functioning in the campus with full time male and female Resident Medical Officers, Nursing Assistants with necessary medical facilities and drugs, so that students are able to get medical facilities round the clock.
- Every student, undergoing check-up in Health centre is provided with a Health Card for easier follow-up, in case of emergency.
- Ambulance facility is also available in the campus for emergency purpose.
- Group Insurance is made available to all teaching, non-teaching staff and students is in existence.

4.1.8 What special facilities are available on campus to promote students' interest in sports and cultural events/activities?

Sports

The university has good sports facilities in the form of cricket grounds, tennis court, running tracks, gymnasia, indoor stadium, and volley ball and basket ball courts. Girls' students are encouraged to participate in the sports.

- A cricket field, 400 Mts. Athletic track, provision for organizing games like Foot ball, Volley ball etc.
- One Basket Ball Court and Kabaddi Court
- Badminton Court, Table Tennis Court are regularly used by both staff and students

S.No	Name of the Facility	Nos. Available
1	Foot Ball Field	1
2	Basket Ball Court	1
3	Volley ball Court	2
4	Throw ball Court	2
6	Cricket Ground	1
7	Tennis Court	2
8	Ball Badminton Court	1
9	Badminton Court	1
10	400mts Track	1
11	Hockey Field	1
12	Kabaddi	2
13	Carom Board	8
14	Table Tennis	3
15	Kho – Kho	2

Cultural Events/Activities:

The University has created adequate and state-of-the-art infrastructure for organizing academic events and cultural programmes.

- An open air auditorium with a capacity to accommodate 2000 people is available for conducting cultural activities
- A state level Inter-Institutional Science & Technical Exhibition PRGISTE was conducted in 2010 and it was a great attraction for the students of all levels.

4.2 Library as a Learning Resource**4.2.1 Does the Library have an Advisory Committee? Specify the composition of the committee. What significant initiatives have been taken by the committee render the library student/ user friendly?****LIBRARY ADVISORY COMMITTEE**

The nomenclature of PRIST University Library has been changed into Knowledge Resource Center (KRC). It has an Advisory Committee. The Composition of the Advisory Committee is as follows.

1.	Vice – Chancellor	Member(Ex- Officio)
2.	Registrar	Member (Ex- Officio)
3.	Director-CRD	Member
4.	Deputy Director-CRD	Member
5.	Dean- Education	Member
6.	Dean- Engineering & Technology	Member
7.	Dean Academic Affairs	Member
8.	Dean Student Affairs	Member
9.	HOD- PSB	Member
10.	Admission Director	Member
11.	Dean- M.Phil.,	Member
12.	Finance Officer	Member

13.	Director, Library PRIST University	Member Secretary
14.	Librarian, NIT, Trichy	External Member
15.	Librarian, MK University Library Madurai.	External Member
16.	Head, DLIS, Bharathidasan University, Triruchriappalli.	External Member

With the directions from the Advisory Committee, the University Library initiated the following services for the benefit of the Library Users.

Conduct of Book Exhibition

Conduct of Symposium/ Seminar/ Workshop

Printing and Distribution of Library Information Brochures to all the Users.

Celebrating the Library Week.

Creating Awareness for E-resources

Best Library User Award.

Framing Library Acquisition Policy and Rules and Regulations.

The sanitation is outsourced for an efficient maintenance.

The Pest Control measures are taken to preserve the library collections for a longer duration.

4.2.2 Provide details of the following:

KNOWLEDGE RESOURCE CENTER

The KRC has 40,000 Sq.Ft. (2,230 Sq.mt) of carpet area. The work and stack areas of each section has seating and reading facility to enable to the user to choose and refer the books comfortably.

Total seating capacity at Knowledge Resource Center:

400 users can be seated in the library. In addition to this, 100 persons can sit and use computers in E- Resources and NPTEL Work Stations.

Working hours of the library

On working days : 8 a.m to 8 p.m

On holidays : 10 a.m to 5 p.m

During examinations : 10 a.m to 10 p.m

Layout of the Library (individual reading Carrels, Lounge area for browsing and relaxed reading, IT zone for accessing e-resources)

The detailed floor plan is displayed at the entrance of the library. The various sections of the library are posted at <http://pristlibrary.weebly.com>., www.prist.ac.in

For the purpose of guiding users, sign boards are adequately used at required places to assist the users.

The layout of Knowledge Resource Center is shown in the following figure.

GROUND FLOOR:

- OPAC
- CIRCULATION SECTION
- PUBLISHERS CATALOGUE DISPLAY STAND
- DIRECTOR CABIN
- DIGITAL LIBRARY
- CARRELS DESK
- NPTEL WORK STATION
- REFERENCE SECTION
- CENTRE FOR VIRTUAL EDUCATION
- NEW ARRIVALS DISPLAY SECTION
- REPROGRAPHIC SECTION
- STACK AREA
- RESEARCH CUBICLE
- READING SECTION – I
- READING SECTION – II
- PERIODICAL SECTION
- BACK VOLUMES SECTION
- RAMP PATH (Provided for Physically Challenged users)
- STUDY ROOM (Physically Challenged people)

FIRST FLOOR:

- ARTS & SCIENCE COLLECTION
- REFERENCE SECTION
- TEXT BOOKS SECTION
- THESES SECTION
- READING HALL

4.2.3 Give details of the Library Holdings:

SUBJECT WISE DETAILS

S.No.	SUBJECT	TITLE	VOLUMES
1.	GENERALIA	2,918	9,724
2.	COMPUTER SCIENCE AND ENGINEERING	2,174	7,245

3.	ELECTRONICS AND COMMUNICATION ENGINEERING	1,333	4,442
4.	ELECTRICAL AND ELECTRONICS ENGINEERING	1,053	3,507
5.	MECHANICAL ENGINEERING	1,383	4,610
6.	CIVIL ENGINEERING	690	2,298
7.	BIO TECHNOLOGY	958	3,191
8.	EDUCATION	10,322	16,898
9.	ARTS & SCIENCE	7,264	19,425
10.	MANAGEMENT	3,088	10,293
	TOTAL	31,183	81,633

THESES / PERIODICALS / CD's

1.	Theses	250
2.	Magazines	43
3.	Journals	112
4.	Back Volumes	1465
5.	CD and DVDs	1250
6.	E-Books	22,234

E-RESOURCES

S.No.	DATABASE	E- JOURNALS
1.	J-GATE PLUS	43,000

2.	EBSCO	3,152
3.	IEEE	15,650
4.	MATHS C I NET	878
	TOTAL	62,680

4.2.4 What tools does the Library deploy to provide access to the collection?

Online Public Access Catalogue (OPAC)

AutoLib Software

IEEE

<http://ieeexplore.ieee.org>)

American Society of Civil Engineers ASCE

<http://scitation.aip.org>

American Society of Mechanical Engineers

<http://scitation.aip.org>

JGATE – PLUS

<http://jgateplus.com>

DELNET

<http://delnet.nic.in>

EBSCO

<http://search.ebscohost.com>

British Council

<http://britishcouncilonline.org>

INFLIBNET (Shodhganga ETD)

Biobliography Databases JGATE

<http://jgateplus.com>

<http://pristlibrary.weebly.com>

- BE Project Guidance
- Test Your English
- NPTEL Video – E-Learning
- E-Books
- E-Journals
- Online Newspaper All over the World
- Syllabus and Curriculum
- Question Bank Overall
- Question Bank at PRIST
- Telephone Directory All Over India
- Other Library Links
- Tamil books read online
- Government of India Departmental Websites
- UGC Exams reference materials

4.2.5 To What extent is ICT deployed in the Library? Give details with regard to

- | | |
|--|--------|
| • Library Automation | 100% |
| • Total Number of Computer for Public Access | 75 Nos |
| • Total Number of Printers for Public Access | 03 Nos |
| • Internet bandwidth speed | 8 Mbps |

Institutional Repository

The Institutional Repository contains E-Theses, Seminar Proceedings and E-Content of the University Syllabus.

Participation in resource sharing networks / Consortia DELNET

Knowledge Resource Center provides access to electronic journals and databases on line through DELNET.

4.2.6 Provide details (per month)with regard to

Average Number of Walk-ins	:	10200
Average Number of Books Issued/ Returned	:	6500/5300
Ratio of Library Books to Students Enrolled	:	54:1
Average Number of Books Added during the last five years	:	17,520
Average Number of Login to E- Resources	:	300
Average number of e- resources downloaded /printed:		about 400 Articles

Number of IT Literacy Trainings Organized

Use and operation of electronic databases for retrieving information, Knowledge Resource Center conducts training programmes sponsored by Informatics (J-Gate Plus), Bangalore and EBSSCO, NewDelhi. So far Knowledge Resource Center organized four training programmes every year for the benefit of staff and students.

4.2.7 Give details of specialized services provided by the library with regard to

REFERENCE COLLECTION

- Dictionaries.
- Directories.
- Year books.
- Handbooks.
- Biographies.
- Bibliographies.
- Encyclopedias.
- Gazetteers.
- Guides to Literature.
- Maps & Atlases.
- Thesauruses.

BOOKS

- Engineering and Technology
- Arts and Humanities
- Physical Science
- Environmental Engineering
- Life Sciences
- Biotechnology
- Disaster Management
- Management Science
- Architecture
- General Knowledge
- Preparatory Guides for Gate Examinations,
- GRE, GMAT, SAT, CAT, TOEFL, JEE

Reprography

Reprographic facilities are available at a nominal cost to all students and faculty.

Inter library Loan facility

British Council Library, Chennai

DELNET

CSIR-SERC – Knowledge Resource Division (KRD), Chennai.

Downloads:

Staff and students are allowed to download information on the current issues to enhance their knowledge

The library has been periodically engaged in routing of documents displaying the current title contents to keep the readers abreast of the information in various fields of study.

CAS (Current Awareness Service) and SDI (Selective Dissemination of Information) are regularly being provided by the library for the benefit of the users and the research scholars of the University.

OPAC

OPAC is used to have on-line public access.

The OPAC terminals are user friendly, menu driven and are very informative and useful to the Library users.

Internet Access

Free Internet facility is provided to staff and students.

E- Resources acts as a subject Gateway providing access to the information resources of various subjects and enabling users to search, browse and download any required data needed for study and research.

Print outs

Printer is provided in the library to take printouts.

Reading list / Bibliography

Reading list/ Bibliographic compilation provided by the KRC on request by the users.

In- house/Remote Access to E-Resources

The KRC enables access to the following e-resources through its websites.

- E-Databases
- E- Journals
- E-Books
- E- Learning Resources
- E- Content (University Syllabus)

User Orientation

Orientation is given to the First Year students (freshers) of the University by the Library Staff at the beginning of every year and also during Library week celebrations.

Assistant in search Databases

One trained Library Assistant assists the staff and students to locate the data and use the databases.

4.2.8 Provide details of the annual library budget and the amount spent for purchasing new books and journals.

S.No	Year	Fund
01	2010-2011	45,09,000/-
02	2011-2012	44,44,000/-
03	2012-2013	47,50,000/-
04	2013-2014	48,00,000/-
05	2014-2015	51,25,000/-

4.2.9 What initiatives has the University taken to make the Library a “Happening Place” on Campus?

Knowledge Resource Center finds a unique place in the spectrum of PRIST University. It provides World Class Information support to its users. The whole building is wi-fi enabled, where readers can bring their laptops and download information from internet.

The use of electronic databases, digitized formats and interactive media in the library initiated a major shift from the dominance of independent study to more collaborative and interactive learning. Thus, the library presents a really “Happening Place” on the campus.

EVENTS

- Library Best User Award
- Book Fair
- Library Week / Book day celebration
- Library related Seminar / Symposia / Workshop
- Library extension services for Public in Rural near by the University.
- Book Donation Campaign

4.2.10 What are the strategies used by the Library to collect feedback from its users? How is the feedback analysed and used for the improvement of the library services?

In order to improve the facilities, KRC collects feedback from its users. The feedback form contains questions which are related to maintenance of the library, availability of books and journals, accessibility of books and journals, information deployment and notification, internet browsing facilities, assistance in search of databases, Reprographic Facilities, download and printouts etc.

1. Provision of Suggestion Box
2. Provision of Visitors Book
3. Provision of getting Feed back through library website
4. Suggestions through Library website.
5. Feedback may be analysed by the Library Advisory Committee and constructive suggestions to be implemented.
6. The feasible and important improvements required for library services are initiated based on the recommendations of the Library Advisory Committee.
7. The Director- Library is made responsible for the implementation of all initiatives.

4.2.11 List the efforts made towards the infrastructural development of the library in the last four years.

Efforts are made continuously to develop and maintain the infrastructure of the library. The following initiatives were taken during 2010-2015

- Provision of UPS Backup to KRC in case of Power Outage.
- Provision of study room for Physically Challenged Users.
- Computerization of the Library with OPAC.
- Provision of Separate Issue counter
- Provision of Special Wooden racks to safeguard possessions of users (Property Counter)

- Increase in the Number of books, Reference books, Magazines and Journals.
- Provision of comfortable seating arrangements in the Digital Library and Reading Hall.
- Provision of display racks for Journals and New arrivals.
- Increase in the number of books issued to the students and staff.
- Laying of Granite Flooring
- Enhancement in the aesthetics of the roof of the groundfloor.
- Shifted to the New Building in around 40,000 Square feet area.
- A separate place has been allotted for Digital Library and NPTEL WorkStation.
- A total 100 Computer systems have been added to the E-resources workstation.
- Barcode printer has been provided for library management.
- LCD and TV has been provided to Center of Virtual Education.
- DVD player has been provided to enable Virtual Learning.
- Provision of Fire extinguishers and First aid box
- Provision of AC in the Reading Hall.
- A separate Research Cubicle for Researchers.
- Provision of Center for Virtual Education.

4.2.12 Additional initiatives:

- Surveillance Camera for Monitoring
- Information Board for Seminars/ Workshops / Training Programme.
- On 18.10.2012 Dr.A.Ganesan, Director- Library has participated in All India Radio-Trichy “ A Live Phone in programme on Library Science and its Potentials and How to prepare for competitive examinations.
- On 15.12.2012 Guru Nanak Institute of Management Studies, Mumbai – Organized the 4th National Research Conference on “ Library a Temple of Learning & Knowledge House” Director- Library has delivered the Key note address.

- On 02.02.2013 Jointly organized a One day NPTEL National Workshop by IIT- Madras and PRIST University Library, Vallam, Thanjavur, Director- Library has served as Workshop Co-ordinator. More than 300 participants were participated.
- On 22.02.2013 KRC has organized a Guest Lecture Programme for PRIST University students and staff, Mr.Sarv Saravanan, Managing Director and Senior Vice President, EMC Square of India and Egypt served as Chief Guest and delivered a Lecture on “ Changes and New Trends in IT Industries”.
- On 12.06.2013 Orientation Programme for Newly appointed Teachers organized by KRC in PRIST University. Director – Library has served as resource person to deliver lecture on “Learning Resources through Information Centre”.
- **IFLA General Conference**
World Library and Information Congress : 79th International Federation of Library Associations and Institutions (IFLA) General Conference held at ‘**Singapore**’ from 17th to 23rd August 2013. Dr.A.Ganesan, Director, PRIST Library, has attended the open sessions, workshop, poster session and post congress satellite meeting in which several sub themes have been highlighted and discussed. He has presented his research paper and delivered the feedback address on behalf of Asian delegates
More than 3800 delegates attended from 168 countries. The theme of the congress is “ Future Libraries: Infinite Possibilities”.
- On 13.09.2013, Director-Library has served as resource person to deliver lecture on “Access to E- Resources: Facilities, Services and Management ” at National Institute of Technology (NIT), Tiruchirappalli organized a seminar on Access to E-Resources: Copyright issues, licensing Policy & Best Practices for effective usage.
- On 30.01.2014, Dr.A.Ganesan, Director- Library has served as Chief Guest to deliver an inaugural address at National Library, Kolkata for celebrating Martyr’s day and National Library Foundation Day.
- Fifth International Conference on the Applications of Digital Information and Web Technologies ICADIWT -2014 organised by IEEE Communication Society USA and PRIST University at Chennai Campus. Director-Library, PRIST University served as the organizing Secretary and Programme Chair of the Conference during February 17-19, 2014. The Hindu is the

Media Partner and EMC Square, Bangalore is the Industry Partner.

4.3 IT Infrastructure

4.3.1 Does the university have a comprehensive IT policy with regard to

The University has an elaborate and comprehensive IT policy to implement knowledge management in the University and administrative departments. The University provides information and network security from unauthorized access, modification or destruction. The university has come out with the publication of the following “University Information Technology Related Policies”, which include the following:

- Acceptable Use Policy
- Network Usage Standard
- Network Security Policy
- Wireless Networking Standard
- Responsible Copyright Standard
- Common Website Usage Standard
- Common Webmail Standard
- Software Asset Management

IT Service Management

University provides computation, networking and IT services. University adopts best practice for implementation of all IT services. It constantly monitors and improves IT service quality through the effective process of application. It ensures that IT activities are aligned with academic and administrative needs and objectives. It determines and provides resources to plan, implement, monitor, review and improve service delivery and service management. It reviews service management, at planned intervals, to ensure continuing suitability, adequacy and effectiveness. University makes use of IT services for all the functionalities of the University to attain perfection, accuracy and transparency like Admission, Academic (Course Attendance Assessment Record (CAAR) system).

Information Security

The University is committed to provide sufficient education and training to users to ensure they understand the importance of information security and, in particular, exercise appropriate care when handling confidential information. Breaches of information security must be recorded and reported to appropriate authorities in the

University. A backup system is maintained for the sensitive databases such as finance and examination by using portable hard disks.

Network Security

The University provides network security from unauthorized access, modification or destruction. It helps faculty and students to manage threats and prevent security breaches. It administers network and system accounts and access privileges in a manner that satisfies the security requirements defined by the University Administrators.

Risk Management

The network devices in the university are configured with Access Control lists (ACL) to filter the packets that flow into or out of network interfaces. This significantly reduces the risk of network hacking. Attacks on the University network or systems are detected by University network and system administrators.

Software Asset Management

Purchase Committee is the authority to purchase Computers and network related equipments for the University. It adheres to the Terms & Conditions of license agreements of IT resources software.

Open Source Resources

Purchasing new software, free and open-source software and proprietary software are being considered on an equal footing. Wherever possible open source software are being used, as operating system for certain servers, DBMS & other software for learning and in-house consultancy. Students are given the opportunity of learning about and using free and open-source software on par with proprietary software.

Green Computing

Under the objective of reducing the electronic hazards and improving the energy efficiency the following policies are adopted:

- Replacing CRT monitors with LCD/LED/TFT monitors
- Disposing of electronic materials are not permitted in the campus;
- Non-usable Electronic materials are identified by the department and renewed later under buyback scheme

4.3.2 Give details of the university's computing facilities i.e., hardware and software.

- ✓ No. of systems: 1072 (includes 5 servers)

- ✓ Computer-Student Ratio: 1:2
- ✓ LAN Facility: A strong network backbone of Gigabyte as a structured deployment with 4 distribution points, covering campus area of 25 acres with wired and wireless components.

The active network components include:

- ✓ CISCO Manageable Switch – 1 No.
- ✓ Distribution Switches – 4 Nos.
- ✓ Edge Switches – 68 Nos.
- ✓ Wireless - Outdoor -5 Nos.
- ✓ Router – 1 No. (CISCO)
- ✓ Internet Bandwidth – 8 Mbps (BSNL)
- ✓ Microsoft Campus Bundle License
- ✓ Red Hat Enterprise Linux Version 5.5
- ✓ Number of Computers with Internet Facility – 1500 (Wired & Wireless)
- ✓ IT Facilities for Teachers: Dedicated systems with Internet Facility are provided for every Teacher
- ✓ ICT enabled classrooms and Smart class rooms (Whiteboard and Necessary network& other accessories)
- ✓ Annual Budget for Update / Deployment / Maintenance of Computers : Rs.31 Lakhs

Desktops

Intel Pentium Dual Core @ 2.00Ghz/ Intel 945GCPE Mother Board/ 1GB DDR2 RAM/ 80GB SATA HDD/ 15.6” LCD Monitor/ Optical Scroll Mouse/ Integrated Audio & Video/ 4 USB Port/ 104 Keys Mechanical Keyboard/ 300 Watts ATX Cabinet - **326 No’s.**

Intel Pentium Dual Core @ 2.60Ghz/ Intel DG31PR Mother Board/ 2GB DDR RAM/ 160GB SATA HDD/ 15.6” LCD Monitor/ Optical Scroll Mouse/ Integrated Audio & Video/ 4 USB Port/ 104 Keys Mechanical Keyboard/ 300 Watts ATX Cabinet - **368 No’s.**

Intel i3 @ 2.60Ghz/ Intel H61 Mother Board/ 4GB DDR RAM/ 500GB SATA HDD/ 16” LED Monitor/ Optical Scroll Mouse/ Integrated Audio & Video/ 6 USB Port/ 104 Keys Mechanical Keyboard/ 300 Watts ATX Cabinet - **373 No’s.**

Servers

IBM Server X3400 (Tower Server)

Intel Xenon 1.8 GHz/ PC2-5300 ECC Fully Buffered DDR2 SDRAM 2GB/ RAID 8K/ Internal storage 80GB SAS Hot swap/ 670 watt Power Supply/ Two Gigabit Ethernet network interface/ 2 Serial Ports, 1 Parallel Port/ 4USB Ports/ 6 PCI Expansion slots/ 15.5 LCD Monitor - **2 No’s.**

IBM Server x3650 (Rack Server)

Intel Xeon 2.33 GHz Dual Processor/ 12 GB ECC RAM/ 8K IBM RAID Adapter/ IBM 15 K RPM 146 GB SAS Hot swap HDD × 4/ 600 watts Dual Power Supply/ Two Gigabit Ethernet network interface/ 1 Serial Port, 4USB Ports/ 15.5 LCD Monitor - **3 No's.**

Licensed Software:**System software:**

1. Windows 10 Education
2. Windows 10 Professional
3. Windows 8.1 Enterprise
4. Windows 8.1 Professional
5. Windows 7 Enterprise
6. Windows 7 Professional
7. Windows Server 2012 Essentials
8. Windows Server 2012 Standard
9. Windows Small Business Server Essentials 2011
10. Windows Server Enterprise 2008
11. Windows Server Standard 2008
12. Windows Web Server 2008
13. Microsoft Windows XP
14. Microsoft Windows server 2003(standard edition)
15. Linux (Red hot, Fedora, Enterprise Linux 5)
16. SCO Unix
17. Dos 6.22
18. Novell net ware 3.12

Open source software

1. C,C++
2. Java
3. Linux (Red hot , Fedora, Enterprise Linux)
4. Star office

Application Software

1. Microsoft Office Professional Plus 2010
2. Microsoft Office Professional Plus 2013
3. C++ builder
4. Adobe PageMaker
5. Communication lab (Globarena)
6. Oracle 8i
7. Visual studio @ team system 2008
8. MSDN Library
9. Java
10. Visual Studio Professional 2015

11. Adobe Reader 8
12. Macromedia flash player 8
13. Adobe Image Ready 7.0
14. Adobe Photoshop 7.0
15. Bea web logic platform 7.0
16. SQL server (standard Edition 2005)
17. Microsoft .net and framework 3.5 service pack1.
18. Staad Pro 2006
19. AutoCAD
20. Matlab R2006a
21. L-sim, N-Sim
22. Data Communication
23. Orcad
24. Xilinks
25. Triton
26. Auto CAD 2004
27. Solid Works 2009
28. Ansys 12.1
29. Rational Suite Enterprise

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

University upgrades or deploys IT infrastructure and associated facilities regularly. Due to Technology advancement, update in IT infrastructure becomes mandatory to facilitate effective management of IT services. Due to natural wear and tear, IT infrastructure needs to be replaced periodically to prevent sudden service interruptions. Extension of IT infrastructure due to increase in demand for IT services New IT infrastructure to provide cutting edge technology access to the academia and administration.

In all, the above mentioned situations of IT infrastructure deployment and upgrading, the IT service provider will submit a proposal to the Vice-Chancellor's Office. The proposal will be approved based on the scrutiny by the Vice-Chancellor's office. For the approved proposals, purchase and deployment will be carried out by the Digital Purchase Committee and the concerned department respectively.

4.3.4 Give details on access to on-line teaching and learning resources and other knowledge and information database/packages provided to the staff and students for quality teaching, learning and research.

Online resources like NPTEL materials are made available to staff and students. The students are given exposure to various web sites and

packages related to the subject to supplement class room teaching.

E – Content Integration with Class Room Transaction

- E-content of course materials developed by faculty members
- Students motivated to make use of Spoken Tutorial Project (STP) resources
- NPTEL workstation for students
- Departments in the mailing list of CEC-News
- Students motivated to use Vyas-channel and Edusat network to acquire knowledge on specific topics
- Staff and Students motivated to register for MOOCs offered by Coursera and eDX
- Faculty members as resource contributors for e-PG-Pathshala programme (MHRD)
- Virtual lab facility available in the web is introduced to the students
- Online E-journals, E-books under UGC INFLIBNET
- Faculty members have applied for Resource Person for NPTEL Course (Phase 2).

4.3.5 What are the new technologies deployed by the university in enhancing student learning and evaluation during the last four years and how do they meet new / future challenges?

ICT Integration with Class Room Transaction

Tools used in ICT Classroom

- Basic Software: – MS Office suite, Chrome
- Presentation - Prezi
- Blogs - Blogger
- Bookmarking - Delicious
- LMS - Moodle
- Intranet – Apache Tomcat
- Other Web 2.0 tools

Tools	Class	Purpose
MS Office suite & Chrome Browser	All Disciplines	Information management and internet browsing
Prezi	All circuitry branches in Engineering discipline	Animated Presentation
Blogger	All Engineering , computer science & MCA branches	Project management and sharing Learning resources
Delicious	All Engineering branches	Knowledge management
Moodle	All circuitry branches in Engineering discipline	Classroom Management

Complete ICT Enabled Course Delivery:

- CCNA Exploration (Skilled Based Elective Course)

ICT support provided for:

- Animated E-learning material
- Learning Management System support
- Online exam & Certification
- Simulation tools
- Resource sharing among user groups

The University library provides access to E-books and E-journals and also has digital library. The University has facility for person and time based locking for enhanced security to facilitate all administrative aspects of pertaining to academics such as: registering students, assessment and end semester evaluation, and revaluation as well as Cumulative Grade sheet preparation in a streamlined, systematic and timely manner.

4.3.6 What are the IT facilities available to individual teachers for effective teaching and quality research?

- A desktop with internet connectivity has been provided to each faculty.
- Official email-id to HoDs (hod@prist.ac.in) & WiFi connectivity/access to their electronic gadgets are provided.
- Smart class rooms in department are equipped with Whiteboard and Necessary network & other accessories, which enable effective teaching.
- Online access to journals, with internet bandwidth of 8 Mbps.

4.3.7 Give details of ICT-enabled classrooms/learning spaces available within the university? How are they utilized for enhancing the quality of teaching and learning?

Internet access is provided in all the department of study for effective teaching and to promote research. Further subscription to many e-journals and online resources by the university helps students and faculty to keep themselves abreast of the latest developments in their areas of research.

4.3.8 How are the faculty assisted in preparing computer- aided teaching learning materials? What are the facilities available in the university for such initiatives?

High bandwidth internet connectivity with a dedicated uninterrupted individual system paves the way to prepare and collect materials for teaching with online access to journals. Staff members encouraged to attend workshops that impart training to prepare e-learning materials.

The following ICT tools are made available for preparing the computer aided teaching learning resources:

- PPT presentation in the classrooms
- Use of web resources
- Use of interactive boards
- Webinars

4.3.9 How are the computers and their accessories maintained?

The IT infrastructure is being maintained by the grant allocated for that purpose in the university annual budget. University ensures three year comprehensive warranty for every newly purchased computers, laptops, servers and UPS. The University has in-house mechanism to maintain and repair computers, laptops, servers and UPS by the technicians. Computers are protected from malicious programs by installing suitable antivirus software. This service is extended to the entire university.

4.3.10 Does the university avail of the National Knowledge Network connectivity? If so, what are the services availed of?

Being a private deemed university, NKN Connectivity is not applicable to our institution.

4.3.11 Does the university avail of web resources such as Wikipedia, dictionary and other education enhancing resources? What are its policies in this regard?

The University policy allows access to all education enhancing e-resources which are in public domain as per the IT policies existing in the university. University internet firewall policies allow access to Wikipedia, online dictionary and other educational and technical open source software access/download. However it denies access to social networking, online trading, and other sites not suitable for educational environment.

4.3.12 Provide details on the provision made in the annual budget for the update, deployment and maintenance of computers in the university.

University provides the Annual budget for update; deployment and maintenance of computers for providing common facilities are given below:

Year	Update and deployment	Maintenance
2011-12	Rs. 37,18,478/-	Rs. 9,21,774/-
2012-13	Rs. 10,20,764/-	Rs. 23,56,933/-
2013-14	Rs. 31,31,746/-	Rs. 12,24,892/-
2014-15	Rs. 11,30,000/-	Rs. 16,74,950/-

4.3.13 What plans have been envisioned for the gradual transfer of teaching and learning from closed university information network to open environment?

University plans to

- ✓ Provide Wi-Max connectivity in the University campus.
- ✓ Implement on-line mobile based fee collection module for the University.
- ✓ Designing and organizing the various job oriented computer-based courses.
- ✓ Create 'Virtual' learning environment using free open source software through cloud computing.
- ✓ Video conferencing facility enables utilizing the expertise of international / national experts.
- ✓ To augment e learning resources available in the university website and in the library.
- ✓ To provide the e-lectures/e-courses of the University teachers via server facility.
- ✓ The University is now shifting to the Massive Online Open Courses (MOOCs) in a limited way for one course per Department.
- ✓ Besides the faculty members are encouraged to publish their research work in open access journals so as to reach the intended audience.

4.4 Maintenance of Campus Facilities

4.4.1 Does the university have an estate office / designated officer for overseeing the maintenance of buildings, class-rooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.

The University has an Estate Office and an Estate officer and Engineer for maintenance and repair works.

The University has University Works Division comprising civil, electrical, water supply, public health and other divisions that manage the university infrastructure.

Specific Initiatives undertaken

- The main avenues of the campus are studded with colorful plants that provide a pleasant ambience.
- Tall evergreen trees stand testimony of the University.
- The University has been declared a Tobacco-Free campus and sign boards to this effect are displayed in prominent place.
- The campus roads are litter-free and plastic-free.
- The security in the campus has been beefed up
- The University canteens are refurbished
- All departments display eco-friendly posters to save water and electricity.

4.4.2 How are the infrastructure facilities, services and equipments maintained? Give details.

The Works Division maintains the infrastructure facilities. A dedicated team of electricians, plumbers, carpenters and other personnel provide round the clock service to departments, hostels and quarters. In every department one of the staff members is assigned to oversee the laboratories and equipment, vehicles if any, farm or orchard etc. He /She is responsible for safe and smooth maintenance of the equipment, and facilities. Log book is maintained to ensure entries and problems if any. The Heads of the Departments supervise all the facilities. Annual Maintenance Contract (AMC) is entered into for most of the services and equipment.

Details of budget for the last year are as follows

S.No.	Item	Amount (Rupees in Lakhs)
1	Buildings	500.00
2	Furniture & Fittings	200.00
3	Library	80.00
4	Computers & Equipments	250.00
5	Equipments	250.00
6	Automobiles	80.00
		1360.00

CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

5.1.1 Does the university have a system for student support and mentoring? If yes, what are its structural and functional characteristics?

The University has constituted various non statutory committees like “Extra Curricular activities coordination Committee, Extension Activity Coordination Committee, Student Grievance Redressal Cell, Research Scholar Grievance Redressal Cell, Disadvantage Community Students Welfare Committee, Women Welfare Committee, Gender Amity Committee etc. with an aim to support the students”.

Moreover, Academic Programme Coordinators are nominated by the Departments to help the students in choosing the electives, skill based electives and free elective courses.

Course advisors are being nominated by Departments to support the students to undergo the course comfortably.

Student counsellors are nominated by the department in order to provide counselling to the needy students.

Class committees are constituted with student’s representatives from respective class. These class committees are met in every month and students problems are being identified and remedial measures are taken.

Student cabinet is in existence.

Slow learners are being offered remedial programmes.

Tutorial system is functioning effectively.

Departments are conducting semester preparatory courses in order to support the students to undergo the semester programme comfortably.

Advance learners were motivated to undergo extra credit courses and to undertake challenging assignments.

The University’s website provides complete information like course details, examination schedule etc. to the students.

Proper campus lighting and close circuit cameras are provided in the campus to support residential scholars during night hours.

The entire campus is Wi-Fi enabled.

Mentoring is provided to the students through the well established student follow up system, where tutors are being nominated for groups of 15 to 20 students.

Peer mentoring system is introduced by identifying suitable Peer Mentors by the Department.

The Centre of International Relations under the leadership of Dean (International Student Services) is established in the University with an aim to help and guide the International Students.

E-Learning Incubator is established to motivate and support the students for e-Learning.

The Centre for Innovation, Incubation & Entrepreneurship Development is established.

NPTEL work station is made available in the University Knowledge Resource Centre.

5.1.2 Apart from classroom interaction, what are the provisions available for academic mentoring?

Apart from regular classroom interaction, the following provisions are made available to the students for their academic mentoring.

- Conduct of in-House Seminars Workshops.
- Conduct of Department wise National Level Seminars.
- Technical Design competitions organised by the Departments.
- Internship programme and Industrial Training for Students.
- Encouragement and support to Students to undergo Innovative Mini Projects.
- Guest Lecturers by eminent academicians and industrial persons.

5.1.3 Does the university have any personal enhancement and development schemes such as career counselling, soft skill development, career-path-identification, and orientation to well-being for its students? Give details of such schemes.

Yes.

Career Guidance and Counselling Cell is established to provide

information about career opportunities and guidance to the students.
 Soft Skill courses are included in the curriculum.
 Motivational lectures are delivered by prominent department alumni.
 Centre for Knowledge Management is established. It has organised number of Workshops for students on POGIL, Cam Studio, Virtual Labs and various Web 2.0 Technology for Learning.
 The University has introduced the students Personal Development Planning System with an aim to guide the students to plan for their Personal Development through undertaking “Skill Audit”.

5.1.4 Does the university provide assistance to students for obtaining educational loans from banks and other financial institutions?

Yes.

The students are provided with bonafide and other necessary certificates that are required by them to apply for Educational Loans from Banks. Moreover, the Directorate of Admissions has organized special interactive session with leading Nationalized Bank Officers for the benefit of first year students to get necessary information for availing Educational Loans from Nationalized Bank. After very good response from the students for this type of interactive session the above said programme is being organized by the Directorate of Admissions at the beginning of each academic year.

5.1.5 Does the university publish its updated prospectus and handbook annually? If yes, what are the main issues / activities / information included / provided to students through these documents? Is there a provision for online access?

Yes.

The University publishes updated prospectus and handbook annually. The prospectus contains information on Academic Programmes offered by the University, eligibility criteria admission process, Fees Structures etc.

The student handbook “PRISTIAN Handbook” contains informations on history of the University, University Vision and Mission, Authorities of the University’s Non- Statutory Committees academic regulations and PRIST values.

5.1.6 Specify the type and number of university scholarships / freeships given to the students during the last four years. Was financial aid given to them on time? Give details (in a tabular form) for the following catagories: UG/PG/M.Phil/Ph.D./Diploma / other (please specify).

Type of Scholarship	Academic Year	UG	PG	M.Phil	Ph.D.
Merit Scholarship	2011 – 2012	13	-	-	-
	2012 - 2013	06	-	-	-
	2013 – 2014	04	1	-	-
	2014 - 2015	06	-	-	-
	2015 - 2016	09	-	-	-
EWS Scholarship	2010 - 2011	15	-	-	7
	2011 – 2012	06	-	-	8
	2012 – 2013	-	-	-	6
	2013 – 2014	06	-	-	6
	2014 - 2015	05	-	-	-
	2015 - 2016	05	-	-	-

Details of Research Scholars Fellowship Awarded by the University

S.No.	Research Scholar	Discipline	Reg. No	DOJ
1.	Tamizh Selvan, R.	MEC	101110295	28-Jan-10
2.	Shibila, S.	ENG	101110290	15-Jun-10
3.	Soubache, I.	EEE	101112529	21-Sep-10
4.	Abdul Ghanikhan, M.	MEC	101110294	12-Nov-10
5.	Yalini, V.	MEC	101110292	16-Dec-10
6.	Selvaraj, S.	EDN	101114415	29-Apr-11
7.	Rajasekar, S.	PHM	101114382	01-Apr-11
8.	VadanaSundari, V.	BTE	111210640	23-Jun-11
9.	Maruthavanan, V.	EDN	111210135	25-Jun-11
10.	Jasmine Suthanthiradevi, K.B.	EDN	111210136	17-May-11
11.	Joseph Amal Doss, S.	EDN	111210137	15-Jun-11
12.	Maruthavanan, V.	EDN	111210135	25-Jun-11
13.	ReganaBanu, A.	EDN	111211901	11-Aug-11
14.	Balasuramanain, M.	EDN	111211706	04-Aug-11
15.	Aron Antony Charles, M.	EDN	111211898	11-Aug-11
16.	Vivek, C.	VLSI	121311412	23-Jul-12
17.	Kannan, TTM.	MEC	121313766	11-Oct-12
18.	ParvathiMouleshwaran	EDN	121313747	08-Oct-12
19.	Gokilam, G.G.	CSE	121313825	17-Nov-12
20.	Muruganandam, D.	EDN	121313831	22-Nov-12
21.	AdaikalaJayaraj, A.	ENE	121314321	01-Mar-13
22.	Srinivasan.D	CVL	131410056	16-May-13

23.	Saravana Kumar, D.	CVL	131410057	16-May-13
24.	AmuthaSurabi	MSE	131410119	24-May-13
25.	Kannan G	ECE	131412726	21-Jul-13
26.	T.S.Murunya	CSE	131412774	18-Feb-14
27.	Ramachandran A	CSE	131412836	15-Mar-14

5.1.7 What percentage of students receive financial assistance from state government, central government and other national agencies (Kishore Vaigyanik Protsahan Yojana (KVPY), SN Bose Fellow, etc.)?

Academic Year	No. Of Students	Amount (Rs. In Lakhs)
2010 – 2011	133	27.96
2011 – 2012	126	82.79
2012 – 2013	205	66.38
2013 – 2014	149	69.06
2014 – 2015	132	37.52

5.1.8 Does the university have an International Student Cell to attract foreign students and cater to their needs?

The University has established the Centre for International Relations in order to attract Foreign Students and cater to their needs. The centre is functioning under the leadership of the Dean (International Students Services). The Dean (ISS) helps the Foreign National Students in respect of their academic matters and residential issues.

Exclusive International Students Guest House is made available in the University Campus.

5.1.9 Does the university provide assistance to students for obtaining educational loans from banks and other financial institutions?

Necessary Information provided under 5.1.4

5.1.10 What types of support services are available for

The following support services are made available to the various categories of the students.

Support Services for overseas Students :

- Students Guest House is made available for International Students.
- Campus wise Wi-Fi connectivity is provided.
- Centre for International Relation is functioning to take care of the academic and residential requirement of International Students.

- The Dean (ISS) is organising periodic meetings with International Students in order to identify their problems and for taking remedial measures.
- Handbook on Admission of NRI / Overseas Students is published which helps the International Students to get complete information about their admission and code of conduct in the University.
-

Services for physically challenged / differently-abled students:

- Wheel Chair and Ramp facility are made available for the easy mobility of differently-abled students on the campus.
- Provision for Special Toilet for differently-abled students is made available in the rest rooms.
- For differently-abled students the classrooms are allocated in the ground floor.
-

Services for SC/ST, OBC and economically weaker sections :

- Disadvantaged Community Students Welfare Committee is functioning to take care of the Welfare of Students belonging to SC / ST / OBC communities.
- Book bank facility is made available for SC / ST / OBC Students.
- Central / State Government Scholarship are made available to the SC / ST / OBC Students.
- Management Scholarships are made available to students hailing from economically weaker section of the society.
- Remedial coaching programme is offered to the disadvantage community students.

Students participating in various competitions/conferences in India and abroad:

- Department faculty motivate students to participate in Conferences and competitions organised by other Institutions.
- Financial support is extended to the needy students for participating in events organised by Institutions in distant places to meet their travel, boarding and lodging expenses.

Health centre, health insurance etc:

- Round the clock Health Centre is functioning in the campus with all Medical facilities, general drugs and life saving drugs and with qualified Fulltime Male and Female Doctors and Nursing Assistants.
- Group Insurance Scheme is introduced for students.
- An ambulance is also available in the campus for emergency purpose.
- As a social responsibility the University Management is also running a Hospital with all medical facilities in the Thanjavur Town for the benefit of University Staff, Students and public.

Skill development (spoken English, computer literacy, etc.):

- Language Laboratory facility is made available for the benefit of students to develop their communications skill in English.
- Skill based elective on “Communicative English” is included in the curriculum.
- Courses on computer package are included in the curriculum for the benefit of students to acquire skill on computer literacy.
- Courses on Soft skills are also included in the curriculum.

Performance enhancement for slow learners :

- Remedial programmes and special coaching are organised for slow learners.
- Peer tutoring is made available for students.
- Re Test and repeat assessment are made available to the slow learners.
- Time flexibility is made available to the slow learners for undergoing various academic programmes.
- Supplementary examination is conducted for the benefit of students.
- Academic counselling is offered to the slow learners.

Exposure of students to other institutions of higher learning/ corporates/business houses, etc.

- The University has signed MOUs with Industrial Organisations for providing internship Programme and Industrial Training opportunities to the students.
- Field visits to Industrial organisations / Corporate houses are being regularly arranged for the students.
- The University has published an exclusive manual for Industrial Visits and Industrial Training in order to make the students to have active participation during Industrial Visits and Industrial Training.

Publication of student magazines :

- e-Newsletter / e-Magazines are published by the various schools by involving the students participation.

The following are some of the e-Newsletters published by the students.

- PRIST Newsletter - Published by the Students of School of Engineering & Technology
- PSB Shadow – Published by the Students of School of Commerce and Business Management.

5.1.11 Does the university provide guidance and/or conduct coaching classes for students appearing for Civil Services, Defence Services, NET/SET and any other competitive examinations? If yes, what is the outcome?

The University is conducting special coaching classes for students appearing for GATE, NET, and SLET.

Special interactive sessions are arranged regularly for students to provide guidance for students to prepare themselves for various competitive examinations.

5.1.12 Mention the policies of the university for enhancing student participation in sports and extracurricular activities through strategies / schemes such as

The University has good sports facilities in the form of Foot Ball / Hockey / Cricket Grounds, Running tracks, Volley Ball, Basket Ball and Tennis Courts, Gymnastic etc.

Management Scholarship is provided to students Sports men and Women.

additional academic support and academic flexibility in examinations

- Remedial programme is arranged for the benefit of students participating in sports and extracurricular activities.
- Special Lab services are being arranged for the benefit of students participating in sports and extracurricular activities.
- Supplementary tests and supplementary examinations facilities are provided to them.

special dietary requirements, sports uniform and materials

- Free Uniforms are provided to the students participating in sports events.
- Special dietary allowance is provided to outstanding sports persons.

any other (please specify)

Students are provided with benefit of attendance for their participation in sports and extracurricular activities.

5.1.13 Does the university have an institutionalized mechanism for students' placement? What are the services provided to help students identify job opportunities, prepare themselves for interview, and develop entrepreneurship skills?

The University has established a Training and Placement Cell under the Leadership of University Placement Officer.

Rigorous placement training is offered to the students from the second semester of their academic programme onwards. This Training and Placement Cell coordinates with departments, students and industries in planning and organising recruitment related activities.

Prior to each recruitment drive the students are given crash training towards placement.

5.1.14 Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus during the last four years).

2014- 2015

S. NO	NAME OF THE ORGANISATION	NO. OF STUDENT SELECTED
1.	24/7 Head Hunting	5
2.	Acurus Solutions	3
3.	Andhra Group	3
4.	Beta Square Technologies	5
5.	BVK Fibrotek Engineers Pvt Ltd.	3
6.	CAP Digisoft Solutions Pvt Ltd	2
7.	Cardwell Manufacturing Company	4
8.	CG-VAK Software & Exports Ltd.	2
9.	Cognizant Technology Solutions	5
10.	Dextrasys	3
11.	DSM Soft (P) Ltd	11
12.	Epro Technologies	3
13.	Global Software Developments	3
14.	ICore Software Technologies	8
15.	Ideatec Softwares	3
16.	Ifame Technologies	4
17.	Kalpatharu Software Limited	3
18.	Kavinssoft Solutions	3
19.	K-Max Technologies	2
20.	KRA Systems	5
21.	Macon Systems Technologies	2
22.	OMEGA Weld Rod Systems	2
23.	Pramura Software Private Limited	3
24.	Qmax Test Equipments Pvt Ltd	6
25.	Ramakrishna Components Manufacturing Limited	7
26.	Robert Bosch Engineering and Business Solutions Limited	5
27.	Senlogic Automation Private Limited	2

28.	Shalom Infotech	2
29.	Simta Manufacturing Limited	3
30.	Sivasakthi Software Services Pvt. Limited	3
31.	Soliton Technologies Pvt Ltd	5
32.	Sree Ram Engineering Works	2
33.	TATA Consultancy Services	2
34.	Vel Tech. Engineering Works	3
35.	V-Guard Industries Limited	6
36.	Prodigy Electronics Pvt. Ltd.	7
37.	Sinanics Components Private Ltd.	5
38.	Handson Technologies	2
39.	V Tec Engineering	3
40.	UMS Technologies Limited	3
41.	TVS Interconnect Systems Limited	6
42.	Muthoot Fincorp	12
43.	Allsec Technologies	8
44.	Apollo Pharmacy	12
45.	Eureka Forbes	13
46.	Mahindra Finance	11
47.	Manpower Group	4
48.	Nouveau Medicament	11
49.	Omega	10
50.	Source HOV	8
51.	Mphasis	9
52.	Calibe HR	6
53.	Talent Pro	8
54.	Sharda Motor	6
55.	Magus	7
56.	Forebrain	7
57.	HCL BPO	3
	TOTAL	294

2013 - 2014

S. NO	NAME OF THE ORGANIZATION	NO. OF STUDENT SELECTED
1.	24/7 Head Hunting	7
2.	Acurus Solutions	12
3.	Adorn Consultants Pvt Ltd	8
4.	Aeo MechEquipements Private Limited	12
5.	AES Technologies India Private Limited	9
6.	Angler Technologies India Pvt Ltd.	11
7.	Atrity Info Solutions	8

8.	Beta Square Technologies	11
9.	Bravo Soft Solution	10
10.	BVK Fibrotek Engineers Pvt Ltd.	8
11.	CAP Digisoft Solutions Pvt Ltd	3
12.	Cardwell Manufacturing Company	12
13.	CG-VAK Software & Exports Ltd.	16
14.	Chirag International	7
15.	Cognizant Technology Solutions	4
16.	DCS Global Solutions	8
17.	Devendra Exports Pvt Ltd	14
18.	Dextrasys	16
19.	DSM Soft (P) Ltd	11
20.	Dynavac	9
21.	Epro Technologies	13
22.	Excell Engineering Equipments	5
23.	Flowtech	8
24.	Generic Technology	17
25.	GeoEdge Technologies Pvt Ltd	20
26.	Global Software Developments	12
27.	Hari Experts Solutions	10
28.	Haritham Technologies	6
29.	Hydrotech	7
30.	ICore Software Technologies	13
31.	Ideatec Softwares	7
32.	Ifame Technologies	16
33.	Kalpatharu Software Limited	9
34.	Kavinssoft Solutions	12
35.	KMC Aluminium Industries	7
36.	KRA Systems	12
37.	KSB Rotational Moulds Products	2
38.	Machines & Engineering Company	9
39.	Macon Systems Technologies	1
40.	Maniraj Machinery Manufacturing Company	4
41.	Nickunj Group	5
42.	Nous Infosystems	2
43.	OMEGA Weld Rod Systems	3
44.	Popular Systems	5
45.	Pramura Software Private Limited	3
46.	Precitron	3
47.	Pride Power Ventures	7
48.	Prime Technologies	2
49.	Qmax Test Equipments Pvt Ltd	5

50.	Ragavendra Controls Private Limited	2
51.	Ramakrishna Components Manufacturing Limited	8
52.	Reliance Pumps n Motors	2
53.	Robert Bosch Engineering and Business Solutions Limited	12
54.	Royal Tyres Private Limited	3
55.	RPC Date Pvt Ltd	7
56.	S.G. Fabs	2
57.	Sanjay Technologies	3
58.	Shalom Infotech	14
59.	Simta Manufacturing Limited	6
60.	Sivasakthi Software Services Pvt. Limited	7
61.	Soliton Technologies Pvt Ltd	7
62.	Sree Ram Engineering Works	4
63.	Sri Balaji Plastics	3
64.	Strak Industries	3
65.	TATA Consultancy Services	12
66.	Vagus Technologies	3
67.	V-Guard Industries Limited	2
68.	Vignesh Gears	3
	TOTAL	524

2012 - 2013

S. NO	NAME OF THE ORGANIZATION	NO. OF STUDENT SELECTED
1.	24/7 Head Hunting	3
2.	Accsys Electronics	4
3.	Accurate Machines & Accessories Pvt Ltd	5
4.	Acurus Solutions	7
5.	Adorn Consultants Pvt Ltd	9
6.	Aero Mech Equipements Pvt Limited	3
7.	AES Technologies India Pvt Ltd.	2
8.	Andhra Group	5
9.	Angler Technologies India Pvt Ltd.	4
10.	Atrity Info Solutions	3
11.	Beta Square Technologies	5
12.	Bravo Soft Solution	2
13.	Buljin ELMEC Pvt. Ltd	1
14.	BVK Fibrotek Engineers Pvt Ltd.	5
15.	CAP Digisoft Solutions Pvt Ltd	7
16.	Cardwell Manufacturing Company	5
17.	CG-VAK Software & Exports Ltd.	3

18.	Chirag International	2
19.	Cognizant Technology Solutions	3
20.	DCS Global Solutions	6
21.	Devendra Exports Pvt Ltd	8
22.	Dextrasys	5
23.	DSM Soft (P) Ltd	3
24.	Dynavac	7
25.	Epro Technologies	2
26.	Excell Engineering Equipments	2
27.	Flowtech	1
28.	Generic Technology	6
29.	GeoEdge Technologies Pvt Ltd	8
30.	Global Software Developments	4
31.	Hari Experts Solutions	8
32.	Haritham Technologies	8
33.	Hydrotech	3
34.	ICore Software Technologies	2
35.	Ideatec Softwares	8
36.	Ifame Technologies	2
37.	Kalpatharu Software Limited	4
38.	Kavinssoft Solutions	5
39.	K-Max Technologies	3
40.	KMC Aluminium Industries	7
41.	KRA Systems	11
42.	KSB Rotational Moulds Products	12
43.	Machines & Engineering Company	5
44.	Macon Systems Technologies	3
45.	Maniraj Machinery Manufacturing Company	12
46.	Nickunj Group	1
47.	Nous Infosystems	3
48.	OMEGA Weld Rod Systems	3
49.	Popular Systems	5
50.	Power Hydraulics	7
51.	PowerMax Tyres	3
52.	Pramura Software Private Limited	8
53.	Precitron	3
54.	Pride Power Ventures	2
55.	Prime Technologies	7
56.	Qmax Test Equipments Pvt Ltd	3
57.	Ragavendra Controls Private Limited	5
58.	Ram Tech	2
59.	Ramakrishna Components Manufacturing	4

	Limited	
60.	Reliance Pumps n Motors	1
61.	Robert Bosch Engineering and Business Solutions Limited	3
62.	Royal Tyres Private Limited	3
63.	RPC Date Pvt Ltd	5
64.	S.G. Fabs	7
65.	Sai Arc India Pvt Ltd	3
66.	Sanjay Technologies	8
67.	Senlogic Automation Private Limited	3
68.	Shalom Infotech	2
69.	Simta Manufacturing Limited	7
70.	Sivasakthi Software Services Pvt. Limited	3
71.	Soliton Technologies Pvt Ltd	5
72.	Sree Ram Engineering Works	2
73.	Sri Balaji Plastics	4
74.	Strak Industries	5
75.	TATA Consultancy Services	2
76.	Technokarts	2
77.	Thermal Technologies	2
78.	Vagus Technologies	3
79.	Vel Tech. Engineering Works	3
80.	V-Guard Industries Limited	6
81.	Vignesh Gears	3
82.	VMV Systems Pvt Ltd	1
83.	Prodigy Electronics Pvt. Ltd.	7
84.	Sinanics Components Private Ltd.	5
85.	Embsys Technologies	2
86.	Nichani Electronics	2
87.	Handson Technologies	2
88.	V Tec Engineering	3
89.	UMS Technologies Limited	3
90.	TVS Interconnect Systems Limited	6
91.	Muthoot Fincorp	27
92.	24/7 Head Hunting	3
93.	Accsys Electronics	4
94.	Accurate Machines & Accessories Pvt Ltd	5
	TOTAL	431

2011 - 2012

S. NO	NAME OF THE ORGANIZATION	NO. OF STUDENT SELECTED
1.	24/7 Head Hunting	7
2.	Accsys Electronics	9

3.	Accurate Machines & Accessories Pvt Ltd	3
4.	Acurus Solutions	2
5.	Adorn Consultants Pvt Ltd	5
6.	Aero Mech Equipements Pvt Limited	4
7.	AES Technologies India Pvt Ltd.	3
8.	Andhra Group	5
9.	Angler Technologies India Pvt Ltd.	2
10.	Atrity Info Solutions	1
11.	Beta Square Technologies	5
12.	Bravo Soft Solution	7
13.	Buljin ELMEC Pvt. Ltd	5
14.	BVK Fibrotek Engineers Pvt Ltd.	3
15.	CAP Digisoft Solutions Pvt Ltd	2
16.	Cardwell Manufacturing Company	3
17.	CG-VAK Software & Exports Ltd.	6
18.	Chirag International	8
19.	Cognizant Technology Solutions	5
20.	DCS Global Solutions	4
21.	Devendra Exports Pvt Ltd	3
22.	Dextrasys	5
23.	DSM Soft (P) Ltd	2
24.	Dynavac	1
25.	Epro Technologies	5
26.	Excell Engineering Equipments	7
27.	Flowtech	5
28.	Generic Technology	3
29.	GeoEdge Technologies Pvt Ltd	2
30.	Global Software Developments	3
31.	Hari Experts Solutions	6
32.	Haritham Technologies	8
33.	Hydrotech	5
34.	ICore Software Technologies	3
35.	Ideatec Softwares	7
36.	Ifame Technologies	7
37.	Kalpatharu Software Limited	11
38.	Kavinssoft Solutions	12
39.	K-Max Technologies	5
40.	KMC Aluminium Industries	3
41.	KRA Systems	12
42.	KSB Rotational Moulds Products	1
43.	Machines & Engineering Company	3
44.	Macon Systems Technologies	3
45.	Maniraj Machinery Manufacturing Company	5
46.	Nickunj Group	7
47.	Nous Infosystems	3
48.	OMEGA Weld Rod Systems	8
49.	Popular Systems	3

50.	Power Hydraulics	2
51.	PowerMax Tyres	7
52.	Pramura Software Private Limited	3
53.	Precitron	5
54.	Pride Power Ventures	2
55.	Prime Technologies	4
56.	Qmax Test Equipments Pvt Ltd	1
57.	Ragavendra Controls Private Limited	3
58.	Ram Tech	3
59.	Ramakrishna Components Manufacturing Limited	5
60.	Reliance Pumps n Motors	7
61.	Robert Bosch Engineering and Business Solutions Limited	3
62.	Royal Tyres Private Limited	8
63.	RPC Date Pvt Ltd	2
64.	S.G. Fabs	2
65.	Sai Arc India Pvt Ltd	3
66.	Sanjay Technologies	3
67.	Senlogic Automation Private Limited	6
68.	Shalom Infotech	3
69.	Simta Manufacturing Limited	1
70.	Sivasakthi Software Services Pvt. Limited	7
71.	Soliton Technologies Pvt Ltd	5
72.	Sree Ram Engineering Works	2
73.	Sri Balaji Plastics	2
74.	Strak Industries	2
75.	TATA Consultancy Services	3
76.	Technokarts	3
77.	Thermal Technologies	6
78.	Vagus Technologies	2
79.	Vel Tech. Engineering Works	2
80.	V-Guard Industries Limited	3
81.	Vignesh Gears	3
82.	VMV Systems Pvt Ltd	6
83.	Prodigy Electronics Pvt. Ltd.	3
84.	Sinanics Components Private Ltd.	1
85.	Embsys Technologies	7
86.	Nichani Electronics	5
87.	Handson Technologies	2
88.	V Tec Engineering	2
89.	UMS Technologies Limited	2
90.	TVS Interconnect Systems Limited	3
91.	Muthoot Fincorp	17
	TOTAL	398

5.1.15 Does the university have a registered Alumni Association? If yes, what are its activities and contributions to the development of the university?

The University is having a registered Alumni Association. The office bears of the association are organising periodic meetings of alumni Association. The passed out students are motivated to become the members of the Alumni Association. Several Alumni by the University are prominent persons. The services of such prominent alumni are utilized for addressing and motivating the current students. Moreover, the alumni association is regularly contributing for the development of infrastructural facilities in the University like Library, ICT Classroom Seminar halls etc.

Alumni are also helping the students by way of providing internship and placement opportunities.

5.1.16 Does the university have a student grievance redressal cell? Give details of the nature of grievances reported. How were they redressed?

The University does have a student's Grievance Redressal Cell to support those students who have been deprived of the services of the University for which they are entitled, to ensure effective solutions to the students Grievances with an impartial and fair approach, to guide the students ways and means for redressing their grievances and to make officials of the university responsive, accountable and courteous in dealing with students.

5.1.17 Does the university promote a gender-sensitive environment by (i) conducting gender related programmes (ii) establishing a cell and mechanism to deal with issues related to sexual harassment? Give details.

A Centre for women empowerment is functioning in the University which strives to enhance the quality of life of women through dissemination of knowledge and thereby making the women community in the campus empowered economically and socially and thereby contributing to the national development.

The Centre for Women Empowerment is also organising gender related Workshops and Training Programmes regularly for the Women Community in the Campus.

Also the University has established "Gender Sensitization Committee Against Sexual Harassment" (GSCASH) with duly approved rules and procedures. GSCASH is the University's prime

instrument for addressing issues / grievances / cases of sexual harassment and recommending their redressal. The provisions of the rules and procedures of GSCASH shall apply to all students, academic staff and non-teaching staff on active roles of the University, as also to residents, service providers and workers who may be within the territory of University at the time of implementation of the GSCASH rules and procedures.

5.1.18 Is there an anti-ragging committee? How many instances, if any, have been reported during the last four years and what action has been taken in these cases?

Yes.

The University has constituted an anti-ragging committee as per UGC guidelines. During the last four years no cases / incidents have been reported.

5.1.19 How does the university elicit the cooperation of all its stakeholders to ensure the overall development of its students?

The University involves all its stakeholders in implementing and evaluating the various academic programmes for the overall development of the students. The University is regularly collecting feedback on curriculum from all stakeholders and curriculum revision is carried out based on the input received through the above feedback.

Industry persons are appointed as members of Board of Studies and academic council who participate in the process of training finetuning the curriculum and syllabi for the various academic programmes.

Interactive sessions are organised with the stakeholders in order to get their valuable suggestions for the overall development of students.

5.1.20 How does the university ensure the participation of women students in intra- and inter-institutional sports competitions and cultural activities? Provide details of sports and cultural activities where such efforts were made.

The University is continuously encouraging its women students to participate in intra and inter institutional sports competition and cultural activities. Exclusive women sports coaches are deployed to offer training and coaching the girl students in sports and games.

Lady faculty members are assigned to encourage and motivate girl students to participate in cultural activities.

5.2 Student Progression

5.2.1 What is the student strength of the university for the current academic year? Analyse the Programme-wise data and provide the trends for the last four years.

Department	UG to PG (%)	PG to M.Phil. (%)	PG to Ph.D (%)	Employment	
				On-Campus (%)	Off-Campus (%)
Civil Engineering	13		06	49	
Computer Science & Engineering	10		12	67	02
Electronics & Communication Engineering	12		10	59	08
Electrical & Electronics Engineering	16		11	49	03
Mechanical Engineering	24		15	46	
Computer Applications	16		20	45	10
Education	15	12	13	35	
Commerce & Management	36	10	07	26	04

5.2.2 What is the programme-wise completion rate during the time span stipulated by the university?

SCHOOL OF ENGINEERING AND TECHNOLOGY

B.Tech.,	Pass Percentage			
	2008-2012	2009-2013	2010-2014	2011-2015
	75	58	52	49

M.Tech.,	Pass Percentage					
	2008-2010	2009-2011	2010-2012	2011-2013	2012-2014	2013-2015
	93	77	74	84	83	96

SCHOOL OF ARTS AND SCIENCE

U.G.	Pass Percentage				
	2008-2011	2009-2012	2010-2013	2011-2014	2012-2015
	89	98	84	93	100

PG	Pass Percentage					
	2008-2010	2009-2011	2010-2012	2011-2013	2012-2014	2013-2015
	96	98	98	76	91	100

SCHOOL OF COMMERCE AND BUSINESS MANAGEMENT

U.G	Pass Percentage				
	2008-2011	2009-2012	2010-2013	2011-2014	2012-2015
	92	92	-	73	100

P.G	Pass Percentage					
	2008-2010	2009-2011	2010-2012	2011-2013	2012-2014	2013-2015
	91	79	91	82	87	89

SCHOOL OF EDUCATION

Programme	Pass Percentage						
	2008	2009	2010	2011	2012	2013	2014
UG	98	98	96	97	93	99	98
P.G,	96	95	91	89	98	95	79

MASTER OF PHILOSOPHY

M.Phil.,	Pass Percentage					
	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
	88	86	87	73	81	74

SCHOOL OF ENGINEERING AND TECHNOLOGY

B.Tech., Programme	Pass Percentage			
	2008-2012	2009-2013	2010-2014	2011-2015
B.Tech(Civil Engineering)	96	48	47	66
B.Tech(CSE)	65	46	40	50
B.Tech(ECE)	73	69	44	48
B.Tech(EEE)	75	70	67	88
B.Tech(Mechanical)	64	56	62	44

M.Tech., Programme	Pass Percentage					
	2008-2010	2009-2011	2010-2012	2011-2013	2012-2014	2013-2015
M.Tech(CSE)	86	85	89	98	85	100
M.Tech(Environmental Engineering)	-	-	53	60	80	100
M.Tech(Manufacturing Technology)	92	63	87	85	83	93
M.Tech(Power Systems)	-	-	-	88	83	100
M.Tech(Power Electronics & Drives)	93	86	-	100	89	86
M.Tech(Structural Engineering)	100	73	67	74	76	95

SCHOOL OF ARTS AND SCIENCE

UG., Programme	Pass Percentage				
	2008-2011	2009-2012	2010-2013	2011-2014	2012-2015
B.Sc(Computer Science)	91	97	-	77	100
B.Sc(Mathematics)	100	100	-	100	-
B.A(English)	82	97	95	95	100
B.C.A	84	99	72	100	100

PG., Programme	Pass Percentage					
	2008-2010	2009-2011	2010-2012	2011-2013	2012-2014	2013-2015
M.A(English)	-	-	-	100	-	-
M.Sc(Mathematics)	100	100	-	-	-	-
M.C.A	90	90	96	52	91	100
M.Sc(Microbiology)	100	100	100	50	-	-
M.Sc (Clinical Microbiology)	94	100	-	100	-	-

SCHOOL OF COMMERCE AND BUSINESS MANAGEMENT

UG., Programme	Pass Percentage				
	2008-2011	2009-2012	2010-2013	2011-2014	2012-2015
B.Com	91	92	-	100	100
B.B.A	93	91	-	45	100

PG., Programme	Pass Percentage					
	2008-2010	2009-2011	2010-2012	2011-2013	2012-2014	2013-2015
M.Com	100	-	-	100	100	-
M.B.A	81	79	91	64	74	89

SCHOOL OF EDUCATION

Programme	Pass Percentage						
	2008	2009	2010	2011	2012	2013	2014
B.Ed.,	98	98	96	97	93	99	98
M.Ed.,	96	95	91	89	98	95	79

MASTER OF PHILOSOPHY

M.Phil., Programme	Pass Percentage					
	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Bio-Chemistry	98	90	80	42	100	100
Bio-Technology	93	84	100	78	75	0
Chemistry	100	85	91	80	87	40
Commerce	50	100	100	82	91	50
Computer Science	89	86	70	81	76	76
Education	67	91	85	78	91	67
English	100	85	67	73	70	90
Mathematics	100	84	88	87	83	100
Management	90	69	91	83	83	67
Micro-Biology	93	92	67	80	50	100
Physics	96	80	100	75	77	100
Tamil	80	82	100	33	86	100

5.2.3 What is the number and percentage of students who appeared/qualified in examinations like UGC-CSIR-NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central / State services, Defense, Civil Services, etc.?

2012	
S. NO	NAME OF THE STUDENT
DEPARTMENT OF MECHANICAL ENGINEERING	
1.	Akhilesh Kumar
2.	Adarsh Kumar
3.	Harshavardhan K P
4.	Dinesh Kumar G
5.	Shrwan Kumar Chaurasia
6.	Vigneswaran G
7.	Vijay Kumar K
DEPARTMENT OF CIVIL ENGINEERING	
8.	Anuj kumar

9.	S.Irshath Ali
10.	Nidhin P.D
11.	Niyas Sherief
12.	Nabeel .V
13.	Sairam.M
14.	Udhuman.M
15.	Sadish.S
16.	Geodavis
17.	Abhay Kumar
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING	
18.	Ajeet Kumar
19.	Alokkumar
20.	Amarjeet Kumar
21.	Asif Anjum
22.	Amod Mahajan
23.	Atish Kumar Jaiswal
24.	Amrendra Kumar
25.	Balaji K S

2013	
S. NO	NAME OF THE STUDENT
DEPARTMENT OF MECHANICAL ENGINEERING	
1.	Mohammed Mujahid Abdul Rahman
2.	Arjun .G
3.	Harishkumar .S
4.	Shangesh T.S
5.	Thirumalaivasan .K
6.	Vignesh .B
DEPARTMENT OF CIVIL ENGINEERING	
7.	Anbu Selvan
8.	Bharani
9.	Sandhiya
10.	Saranya
11.	Mobang Moyong
12.	Nata Rajan
13.	Pragadeesh
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING	
14.	Alok Kumar
15.	Bala Manikandan.D
16.	Gautam Kumar
17.	Gayathri G

18.	Pawan Kumar Gaurav
19.	Peruru Pradeep
20.	Rakesk Kumar Das
21.	Sneha Paul
22.	Tilak Raj
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING	
23.	Abhijeet Prashar
24.	Binod Bihari
25.	Chachin Chetia
26.	Iyer Santosh
27.	Johny Nirmal
28.	Madhusudan.S
29.	Sathish Kanna.C
30.	Subramanian Karthik.R
31.	Surya.C.S

2014	
S. NO	NAME OF THE STUDENT
DEPARTMENT OF MECHANICAL ENGINEERING	
1.	Abuthahir .S
2.	Arun Raj P
3.	Shankar .K
4.	Premkumar .B
5.	Santhosh Kumar .L
6.	Dharmaraj .A
7.	Gowtham .N
8.	Prashanth .U
9.	Fawaz .K.B
10.	Naveed Ahmed .N
DEPARTMENT OF CIVIL ENGINEERING	
11.	Arunkumar B
12.	Ashiq Ahmed M
13.	Deepak Kumar Gautam
14.	Kundan Kumar
15.	Palden Tamang
16.	Uday Kumar Sing
17.	Vikash Kumar Kushwaha
18.	Kalidas V
19.	Prasanth K
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING	
20.	Abhishek Jaiswal

21.	Amit Kumar
22.	Ashwani Jaiswal
23.	Jagdeep Singh
24.	Mritunjay Kumar
25.	Ravi Ranjan
26.	Roshan Kumar
27.	Shashank Dwivedi
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING	
28.	Jitendra Kumar
29.	Mrunalini M
30.	Bagga Jagdish Venkatraj
31.	Suraj Kumar
32.	Karthick R
33.	Sathya G

2015	
S. NO	NAME OF THE STUDENT
DEPARTMENT OF MECHANICAL ENGINEERING	
1.	Akhilesh Kumar
2.	Arsuthiyar Karthik Gouthaman
3.	Harikumar .R
4.	Harishkumar .S
5.	Kundan Kumar Jha
6.	Prathip .C
7.	Purushottam Kumar
8.	Raghul .R
9.	Rahul Kumar
10.	Sapthagiri .S
11.	Saravanan .V
12.	Sunil Kumar
13.	Surya Prakash
14.	Vignesh .A
15.	Vishwajeet Kumar
16.	Abuthahir. S
17.	Md Faisal
18.	Mukesh Kumar
19.	Deva.A
20.	Dhivahar.R
DEPARTMENT OF CIVIL ENGINEERING	
21.	Ramesh Raja.
22.	A.Raj Kumar
23.	Navin Kumar Singh

24.	Rohit Kumar Singh
25.	Vikram Vivek
26.	Vikash Kumar
27.	Bandish Kumar Patel
28.	Ravi Kumar
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING	
29.	Aman Kumar Agarwal
30.	Angad Kumar Baranwal
31.	Anitha .T
32.	Piyush Priye
33.	Rajeev Prasad
34.	Rupentra Prasad
35.	Rupesh Kumar Singh
36.	Chandani Kumari
37.	Kayalvizhi .B
38.	Renukadevi R
39.	Rudhraveni .S
40.	Sivaranjani C
41.	Gayathiri B
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING	
42.	Anuj Kumar
43.	Avinash .K
44.	Avinash Kumar Mishra
45.	Bikash Sah
46.	Rahul Kumar
47.	Suman Kumar Shah
48.	Surya S
49.	Divya .A
50.	Nandida Sinha
51.	Saranya. D
52.	Subashree S
53.	Umakujur
54.	Subrikumari
55.	Suraj B

5.2.4 Provide category-wise details regarding the number of Ph.D./ D.Litt./D.Sc. theses submitted/ accepted/ resubmitted/ rejected in the last four years.

Details of No. of Ph.D., Thesis Submitted, Accepted, Resubmitted and Rejected
(Upto September 2015)

Year	No. of Ph.D. Thesis Submitted	No. Of Ph.D. Degrees Awarded	No. Of Ph.D. Thesis Resubmitted	No. Of Ph.D. Thesis Rejected
2011	26	25	1	Nil
2012	30	28	2	Nil
2013	33	27	3	Nil
2014	43	30	4	Nil
2015 (upto Sep 2015)	36	11	3	Nil

5.3 Student Participation and Activities

5.3.1 List the range of sports, cultural and extracurricular activities available to students. Furnish the programme calendar and provide details of students' participation.

Sports Infrastructure Available

S. No	Name of the Sports
1	Foot Ball Field
2	Basket Ball Court
3	Volley ball Court
4	Throw ball Court
6	Cricket Ground
7	Tennis Court
8	Ball Badminton Court
9	Badminton Court
10	400mts Track
11	Hockey Field
12	Kabaddi

Sports Facilities Available

S. No	Name of the Facility	Nos. Available
1	Foot Ball Field	1
2	Basket Ball Court	1
3	Volley ball Court	2
4	Throw ball Court	2
6	Cricket Ground	1
7	Tennis Court	2
8	Ball Badminton Court	1
9	Badminton Court	1
10	400mts Track	1
11	Hockey Field	1

12	Kabaddi	2
13	Carom Board	8
14	Table Tennis	3
15	Kho – Kho	2

ACHIEVEMENTS IN SPORTS

S. No	Name of the Student	Event	Venue
18/01/2014 To 20/01/2014	<ul style="list-style-type: none"> • B.Vignesh • A.Vinoth Balaji • S.Ramakrishnan • T.Kinuit Rene • S.Deepak • .Arun Pandian • G.Arjun • Musafa Baylon • Bahati Paul • K.B.Fawaz • Krishna Kumar • San Khang • D.Anandh • D.Vinoth Adhithyan • I.Akbar Sheriff • Chetan Kawre • Balaji • Gowtham 	Foot Ball	Dr.Sathich Trophy-14, MAM College Of Engineering, Tiruchy
23/01/2014 To 25/01/2014	<ul style="list-style-type: none"> • A.Surinath • S.Gowtham • G.Kamaraj • S.Adhithiyan • M.Kannadhasan • E.Kannan • S.Harishkumar • A.Dharmaraj • K.Veeramani • Karthik • Manigandan • Vignesh 	Kabaddi (Men)	Noorl Islam University, Kanyakumary, (Inter Deemed University Tournament)
29-30/01/2014	<ul style="list-style-type: none"> • Prince Ranjan • B.Sathish Kumar • Rausan Kumar Sah 	Table Tennis (Men)	Inter Deemed University Ramachandra University
04/08/2014	<ul style="list-style-type: none"> • B.Vignesh • A.Vinoth Balaji 	Foot Ball	Vandayar Memorial Tournament AVVM

	<ul style="list-style-type: none"> • S.Ramakrishnan • T.Kinuit Rene • S.Deepak • .Arun Pandian • G.Arjun • Musafa Baylon • Bahati Paul • K.B.Fawaz • Krishna Kumar • San Khang • D.Anandh • D.Vinoth Adhithyan • I.Akbar Sheriff • Chetan Kawre • Balaji • Gowtham 		SPC-Poondi
04/08/2014	<ul style="list-style-type: none"> • Kannan • Shiva Sakthi • Vinodh Adhithyan • Santhosh Kumar • Shakil Kumar • Christopher • Laser Christopher • Clemant • Avinash Kumar • Passang • Gowtham • Karthik 	Basket Ball	Vandayar Memorial Tournament AVVM SPC-Poondi
04/08/2014	<ul style="list-style-type: none"> • P.Praveen Kumar • N.Manimaran • C.Praveen Kumar • S.Praveen Kumar • N.Ramadoss • A.Asalam Ali • S.R. Arun Prabhu • M.Rajkumar • M.Dinesh • K.Gowdam Kumar • M.Vignesh • V.Prasanth 	Volley Ball	Vandayar Memorial Tournament AVVM SPC-Poondi
01/09/2014	<ul style="list-style-type: none"> • B.Vignesh • A.Vinoth Balaji 	Foot Ball	Annai Sathya Stadium Thanjavur

	<ul style="list-style-type: none"> • S.Ramakrishnan • T.Kinuit Rene • S.Deepak • .Arun Pandian • G.Arjun • Musafa Baylon • Bahati Paul • K.B.Fawaz • Krishna Kumar • San Khang • D.Anandh • D.Vinoth Adhithyan • I.Akbar Sheriff • Chetan Kawre • Balaji • Gowtham 		
01/09/2014	<ul style="list-style-type: none"> • A.Surinath • S.Gowtham • G.Kamaraj • S.Adhithiyan • M.Kannadhasan • E.Kannan • S.Harishkumar • A.Dharmaraj • K.Veeramani • Karthik • Manigandan • Vignesh 	Kabaddi	Annai Sathya Stadium Thanjavur
08/11/2014	<ul style="list-style-type: none"> • B.Vignesh • A.Vinoth Balaji • S.Ramakrishnan • T.Kinuit Rene • S.Deepak • .Arun Pandian • G.Arjun • Musafa Baylon • Bahati Paul • K.B.Fawaz • Krishna Kumar • San Khang • D.Anandh • D.Vinoth Adhithyan 	Foot Bll	Karunya University- Coimbatore

	<ul style="list-style-type: none"> • I.Akbar Sheriff • Chetan Kawre • Balaji • Gowtham 		
08/11/2014	<ul style="list-style-type: none"> • Kannan • Shiva Sakthi • Vinodh Adhithyan • Santhosh Kumar • Shakil Kumar • Christopher • Laser Christopher • Clemant • Avinash Kumar • Passang • Gowtham • Karthik 	Basket Bll	Karunya University- Coimbatore
7,8/02/2015	<ul style="list-style-type: none"> • Kannan • Shiva Sakthi • Vinodh Adhithyan • Santhosh Kumar • Shakil Kumar • Christopher • Laser Christopher • Clemant • Avinash Kumar • Passang • Gowtham • Karthik 	Basket Ball	Inter Deemed University Sastra University-Thanjavur
17 th ,18/02/2015	<ul style="list-style-type: none"> • P.Praveen Kumar • N.Manimaran • C.Praveen Kumar • S.Praveen Kumar • N.Ramadoss • A.Asalam Ali • S.R. Arun Prabhu • M.Rajkumar • M.Dinesh • K.Gowdam Kumar • M.Vignesh • V.Prasanth 	Volley Ball	Inter Deemed University - SRM University
18 th , 19/02/2015	<ul style="list-style-type: none"> • A.Divya • A.Elakkiya • I.Yugapriya 	Tennis (Men&W omen)	Ramachandra University-Chennai Inter Deemed

	<ul style="list-style-type: none"> • N.Sinthu • R.Mahalakshmi 		University -Tamilnadu
18 th ,19/02/2015	<ul style="list-style-type: none"> • Prince Ranjan • B.Sathish Kumar • Rousan Kumar Sha 	Tennis (Men)	Ramachandra University-Chenni Inter Deemed University -Tamilnadu
19 th ,20/02/2015	<ul style="list-style-type: none"> • A.Surinath • S.Gowtham • G.Kamaraj • S.Adhithyan • M.Kannadhasan • E.Kannan • S.Harishkumar • A.Dharmaraj • K.Veeramani • Karthik • Manigandan • Vignesh 	Kabaddi	Inter Deemed University Noor- Ishlam University- Kanyakamari
20 th , 21/02/2015	<ul style="list-style-type: none"> • Prince Ranjan • B.Sathish Kumar • Rousan Kumar Sha 	Table Tennis	Inter Deemed University Chettinadu University- Kanchipuram
20,22/02/2015	<ul style="list-style-type: none"> • B.Vignesh • A.Vinoth Balaji • S.Ramakrishnan • T.Kinuit Rene • S.Deepak • .Arun Pandian • G.Arjun • Musafa Baylon • Bahati Paul • K.B.Fawaz • Krishna Kumar • San Khang • D.Anandh • D.Vinoth Adhithyan • I.Akbar Sheriff • Chetan Kawre • Balaji • Gowtham 	Foot Ball	Inter Deemed University –Karunya University
24,25/02/2015	<ul style="list-style-type: none"> • R.Karunya • P.Srimathy 	Squash (Women)	Inter Deemed University –Karunya University

	<ul style="list-style-type: none"> • J.Anchaly • A.Uthra Lakshmi • R.Miruthula • J. Sheeba Angel 		
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SPORTS ACHIEVEMENTS

S. No	Name of the Student	Event	Venue	Achievement
01/09/2014	<ul style="list-style-type: none"> • A.Surinath • S.Gowtham • G.Kamaraj • S.Adhithiyan • M.Kannadhasan • E.Kannan • S.Harishkumar • A.Dharmaraj • K.Veeramani • Karthik • Manigandan • Vignesh 	KABADDI	Annai Sathya Stadium Thanjavur	THRID PLACE
24,25/02/2015	<ul style="list-style-type: none"> • R.Karunya • P.Srimathy • J.Anchaly • A.Uthra Lakshmi • R.Miruthula • J. Sheeba Angel 	SQUASH (WOMEN)	Inter Deemed University – Karunya University	IV -PLACE

CO-CURRICULAR EVENTS ORGANISED IN THE DEPARTMENT

S. No	Date	Name of the Event	Resource Persons
DEPARTMENT OF ELECTRONIC AND COMMUNICATIONS ENGINEERING			
1.	25-28 Feb 2009	ICOPNAC(International Conference On Photonics Nanotechnology And Computer Application) 2009	-
2.	17 Aug 2009	Seminar on Fiber Optic Communication System	Dr.S.Mohan, Scientist,R&D
3.	30 th Sep 2009	Seminar on Mobile Communication-Electrotide-09	Mr.Gunasekaran ,SDE,BSNL ,Thanjavur
4.	30 th Jan 2010	Seminar on Real Time Systems	Mr. Srivartsan, Assistant Professor

5.	23 rd Jan 2010	Seminar on Cryptography	Mr. Raja, Assistant Professor
6.	9 th Jan 2010	Seminar on Wireless Networking	Mr. G.Kannan, HOD / ECE
7.	19 th Feb 2010	Seminar on Network Security	Mr. Raja, Assistant Professor
8.	6 th Feb 2010	Seminar on Embedded Networking	Mr. Saravanan, Assistant Professor
9.	29 th Jun 2010	Seminar on Multisim & Ultiboard	Mr.Subramanian, CRANES Software, Bangalore
10.	2 nd Aug 2010	Radio Communication	Sanallauhah
11.	30 th Sep 2010	Seminar on 3G Spectrum(Electrotide- 10)	Mr.Sivashankaran, SDE,BSNL,Thanjavur
12.	23 rd Oct 2010	Seminar on Advanced Instrumentation	Mr.Arun Balaji, Assoc. Professor, AVC College of Engg., Mayiladudurai.
13.	2 nd Oct 2010	Seminar on Network Security	Mr. Velmurugan,Assoc. Prof, Kings College of Engg,Thanjavur
14.	21 st Feb 2011	Seminar on Digital Communication	PROF.N.Pradeep/AP/ECE, ANNA UNIVERSITY,TRICHY
15.	8 th Mar 2011	Seminar on Network Security & Management	Mr.Swapan Purkait,Founder , Net Tech Pvt Ltd,Chennai
16.	1 st Mar 2011	Antenna & Wave Propagation	S.Jana, Assoc. Professor, Mookambigai College of Engg, Trichy.
17.	24 th Sep 2011	Seminar on Satellite Communication	N.S.Pradeep, Asst Professor, Anna University, Trichy
18.	14 th Mar 2012	Seminar on Embedded Systems	Prof. P. Alagaraj, Mookambigai College of Engg, Trichy.
19.	13 th Aug 2012	Seminar on Embedded Systems	Mr. Manohar Umapathi, Ampleway Solutions, Andra Pradesh
20.	30 th Jan 2013	Seminar on Web designing	Mr.S.Edward Packiaraj,Casual Compirer,All India Radio, Trichy
21.	21 st Feb 2013	Seminar on Present Scenario of IT Industries	Mr.Serv Saravanan, Vice President and Managing Director, EMC Corporation, Bangalore
22.	20 th Feb 2013	Seminar on Semiconductor Devices & Solar Cells	Dr. Shizuyasu Ochiai, AICHI Institute of Technology, Japan
23.	15&16 March 2013	Web Hosting & Web Development”	Mr.Stephan Raj, Director, ADS E-Park,Chennai

24.	11 & 12 July 2013	Electronic Devices & Circuits”	ECE Department Faculties
25.	31 st Aug 2013	NCIRET(National Conference On Innovations in Research &Engineering Technology) 2013	-
26.	29 th Aug 2013	VIDHYUT-2013- Seminar on Patent Registration Procedure	Mr.R.Kannan, Management Consultant Trichy
27.	29 th Aug 2013	VIDHYUT-2013- Seminar on Patent Registration Procedure	Mr.R.Kannan, Management Consultant Trichy
28.	26 th Dec 2013	Seminar on Underground Cable	Ms. C.Sivaranjani, III ECE
29.	26 th Dec 2013	Seminar on Turbo Charger	Mr. S.Arun, III ECE
30.	26 th Dec 2013	Seminar on Surface Computing	Mr. Anil kumar, II ECE
31.	13 th Dec 2013	Seminar on Mobile Phone Charging Using Microwaves	Ms.T.Dhivya, II ECE
32.	6 th Dec 2013	Seminar on Pressure Monitoring System	Ms.M.Suganya, III ECE
33.	27 th Jan 2014	Seminar on Radar Systems	Ms. Rudhraveni .S III ECE
34.	27 th Jan 2014	Seminar on Embedded Systems	Mr. Shabir.S III ECE
35.	18 th Jan 2014	Seminar on Satellite Communication	Mr.Rupentra Prasad & Mr.Prem Kumar Singh - III ECE
36.	11 th Jan 2014	Seminar on Black Hole	Mr. Awnish kumar chaturbedy, II ECE
37.	3 rd Jan 2014	Seminar on Stress On Students	Ms.G. Gayathri, II ECE
38.	15 th Feb 2014	Seminar on Nano-leaf technology	Rajeev Prasad, III ECE
39.	06 th Feb 2014	Seminar on Optical Communication	Ms. Gayathiri.B, III ECE
40.	06 th Feb 2014	Seminar on Android Technology	Mr. Fayas Ahamed.B, III ECE
41.	06 th Feb 2014	Seminar on Embedded System & Automobiles	Mr. Jithin, III ECE
42.	17-19 Feb 2014	ICADIWT(International Conference on Applications of Digital Information and Web technologies) 2014	-
43.	13 th Mar 2014	Seminar on PCB layout and design	Ms.R.Ramya Devi AP/ECE

44.	5 th Mar 2014	Seminar on Virtual Embedded Systems	Mr.M.Thirumurugan AP /ECE
45.	3 rd Mar 2014	Seminar on Mat-Lab	Ms. Geetha.S, III ECE
46.	4 th Aug 2014	Seminar on NANO technology	Ms. Priya – III ECE
47.	4 th Aug 2014	Seminar on History of electronics	Ms.Nissy Mathew – II ECE
48.	4 th Aug 2014	Seminar on Role of Mathematics in Electronics	Mr. Hari ganesh AP/S&H
49.	2 nd Aug 2014	Seminar on LIFI technology	Mr. Rupentra Prasad & Mr. Angadkumar baranwal – IV ECE
50.	2 nd Aug 2014	Seminar on Microwave in engineering	Ms. Suganya, Ms. Renukadevi & Ms. Rudhraveni – IV ECE
51.	2 nd Aug 2014	Seminar on LIDAR technology	Ms.Anitha, Ms.Gayathiri & Ms. Geetha – IV ECE
52.	2 nd Aug 2014	Seminar on Positive energy	Mr. Awnish kumar chaturbedy – III ECE
53.	2 nd Aug 2014	Seminar on Inductance	Mr. Manchal kumar – II ECE
54.	20 th Feb 2015	Seminar on How to present a paper in National / International Conference	Mr.S.Balakrishnan AP/ECE
55.	28 th Mar 2015	Seminar on Wireless Sensor Networks	Mrs.A.Sujatha Priyadharshini AP/ECE
56.	20 th Jun 2015	Seminar on Introduction to Software Defined Radio (SDR)	Mr.N.Pandidurai Technical Sales Engineer – TENET Technologies
57.	01 st Jul 2015	Workshop on Introduction to Arduino Board	Mr.N.Pandidurai Technical Sales Engineer – TENET Technologies
58.	13 th Aug 2015	A National Level Technical Symposium – Vidhyut 2K15	Mr.A.R.Syed Arif Managing Partner, Five Star Industries, Pudukkottai.
59.	26 th Aug 2015	Workshop on Android App development	Faculties from ISYSWAY Technologies, Thanjavur
60.	21& 22 Nov' 2012	CSIR Sponsored Workshop on “ Process Modeling & Simulation”	Mr. S.Subramaniam, Chairman, CUB,Kumbakonam, Dr.S.Sundaram, Director,ECE
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING			
61.	14-2-2009	GUEST LECTURE: RENEWABLE ENERGY	DR.SUDHAKARAN AP/EEE PONDICHERRY ENGINEERING COLLEGE

62.	25.03.2009 & 26.03.2009	NATIONAL SEMINAR ON RENEWABLE ENERGY (NSRE'09)	PROF. D.SANKARJI, EEE PRIST UNIVERSITY
63.	18.08.2009	TECHNICAL SYMPOSIUM - ELECTROAVATARZ'09	Mr. ANTONY XAVIER, SOFTWARE SOLUTIONS
64.	20-08-2009	ELECTRICAL SAFETY	PROF.D.SANKARJI
65.	12.02.2010	INTERNATIONAL CONFERENCE ON PHOTONICS & NANO- TECHNOLOGY	Dr. V. SIVAN, DEAN (STUDENTS), NIT, TRICHY
66.	15-3-2010	TREND IN THE ADVANCED ENERGY MONITORING	DR. SUDHAKAR,ASST.PROF / PONDICHERRY UNIVERSITY
67.	15-07-2010	GUEST LECTURE ON NON-CONVENTIONAL ENERGY SOURCES	PROF. D.SANKARJI, EEE PRIST UNIVERSITY
68.	25.02.2011	MINI PROJECT DISPLAY	PROF. NITHIYANANDAM, COMPUTER SCIENCE & ENGINEERING, PRIST
69.	15-03-2011	MODERN TRENDS IN POWER CONVERTER	DR. JEEVANANDHAM ASST.PROF / PONDICHERRY UNIVERSITY
70.	24-08-11	GUEST LECTURE ON THERMAL ENERGY SYSTEM	PROF. THAMIZSELVAN.R MECHANICAL ENGINEERING PRIST UNIVERSITY
71.	05-01-2012	SEMINAR ON APPLICATIONS OF MATLAB TOOLS IN POWER ELECTRONICS	Mr. B. KUNJITHAPATHAM & Mrs. C. SATHYA, AP, PRIST UNIVERSITY
72.	29-03-2012	POWER PLANTS	MR.IRFAN HASMI
73.	10-07-2012	ELECTRICAL SAFETY	PROF.D.SANKARJI
74.	05-09-2012	ONE DAY WORKSHOP ON APPLICATIONS OF MATLAB TOOLS	Dr. S.SUNDARAM DIRECTOR- ECE & EIE PRIST UNIVERSITY
75.	28-02-2013	POWER CRISIS	PROF. S. BALIN VIMALI SHARMILA

76.	12-3-2013	ONE DAY WORKSHOP ON RECENT TRENDS IN RENEWABLE ENERGY (CARE)	Dr. N.O.GOPAL & Dr. S. KAMARAJ, TNAU, COIMBATORE
77.	30-8-2013	NATIONAL CONFERENCE ON INNOVATION AND RESEARCH IN ENGINEERING & TECHNOLOGY	Mr. MUTHUKUMAR RAMALINGAM CHAIRMAN-DEXTRASYS, TRICHY
78.	18-09-2013	NATIONAL LEVEL STUDENT SYMPOSIUM – FLASHTECH'13	Mrs. V. BALIN VIMALI SHARMILA, HOD/EEE P.R ENGINEERING COLLEGE
79.	15-12-2013	IN-HOUSE SEMINAR - SOFT SKILL	C. SATHYA
80.	24-1-2014	IN-HOUSE SEMINAR - SOLAR ENERGY	B.KUNJITHAPATHAM
81.	20-2-2014	IN-HOUSE SEMINAR - CONTROLLERS	P.R.THEERTHAGIRI
82.	20-3-14	ROBOTICS WORKSHOP	IIT,KARAKPUR
83.	07.07.2014 & 08.07.2014	TECHNICAL WORKSHOP- APPLICATIONS OF MATLAB	MR.B.KUNJITHAPATHAM PRIST UNIVERSITY
84.	5-8-2014	IN-HOUSE SEMINAR - ELECTRICAL FUNDAMENTALS	MR.R.SRIDHAR
85.	6-11-2014	IN-HOUSE SEMINAR - MULTI LEVEL INVERTER	MS.G.KRITHIGA
86.	17-12-2014	TRANSFORMERS IN POWER PLANTS	MR. SIVAKUMAR,ASSISTANT EXECUTIVE ENGINEER,TNEB/VALLAM MR.J.SANJEEVIKUMAR
87.	25-1-2015	REPUBLIC INDIA	AP/EEE
88.	14-2-2015	BLDC MOTOR	MR.R.ELANGO VAN
89.	14-6-2015	INDUSTRIAL ETHICS	MR.M.K.RAJESH
90.	17-8-2015	TECHNICAL SYMPOSIUM	MS.VIMALA TNEB-THANJAVUR
DEPARTMENT OF COMPUTER SCIENCE			
91.	13.03. 2009	Phases of Software Product Evolution	Mr.T.J.Thamaraiselvan, Senior Software Engineer at

			3i-Infotech Ltd., Chennai
92.	23.12. 2009	Etiquettes in Information Technology	Mr.T.Arulmozhidevan, Asst. Professor, MIET Arts and Science College, Trichirappalli
93.	23.03. 2009	Introduction to ERP	Mr.Ravishankar Vembu, SAP Senior Software Engineer at Satyam Ltd., Chennai
DEPARTMENT OF MATHEMATICS			
94	11.7.2010	Guest Lecture	Dr. S. Jayakumar Reader in Mathematics, AVVM Sri Pushpam College. Poondi
95	27.10.2010	Lecture	R.Anuradha I M.Sc Maths PRIST UNIVERSITY Thanjavur
96	26.1.2011	Guest Lecture	Dr..A.Nagoorgani Reader in Mathematics Jamal Mohamed College, Trichy
97	22.8.2011	Guest Lecture	Mr.N.Veerapaniyan M.Sc., M.PhIL. Lecturer in Mathematics, Kadhir Mohaideen College, Adiramapattinam,
98	8.2.2012	Guest Lecture	Dr. G.Gomahan Associate Prof. In Mathematics , AVVM Sri Pushpam College. Poondi
99	15.10.2012	Lecture	Mr. N.Venkatesan Assistant Prof. PRIST UNIVERSITY Thanjavur
100	12.12.2012	Guest Lecture	Dr. K.Gunasekaran Associate Prof. Arts Govt. College(Men) Kimbakonam
101	13.2.2013	Guest Lecture	Dr. N.Rajesh Assistant Prof. Rajah Serfoji College, Thanjavur
102	24.7.2013	Guest Lecture	Mr. G.Sivakumar Assistant Prof AVVM Sri Pushpam College. Poondi

103	27.1.2014	Guest Lecture	Dr. S.Chandrasekar Head in Mathematics, Kadhir Mohaideen College, Adiramapattinam
104	12.9.2014	Guest Lecture	Mr. K.Mohammed Ali Associate Prof. Mathematics Jamal Mohamed College, Trichy
105	2.2.2015	Guest Lecture	Dr. G.Ramesh Associate Prof. Govt. Arts College(Men) Kimbakonam
106	4.8.2015	Guest Lecture	Dr. K.Vijaya Assistant Prof Maruthupaniyar College Thanjavur
DEPARTMENT OF MECHANICAL ENGINEERING			
107	02.04.12	Cad Drawing	Dr.Karuppasamy
108	04.03.13	Cad Modelling	Dr.J.Chandradoss
109	05.12.13	Model Making	Dr.Senthil kumar
110	06.07.14	Quiz (Mechanical)	Dr.Senthil kumar
111	31.1.15	Quiz(General)	Prof.G.Kannan
DEPARTMENT OF MANAGEMENT STUDIES			
112	12-12-2009	National Level Workshop On Entrepreneurial Development	Dr. Chandrasekeran Pillai, Head, Centre for Entrepreneurship, University of Kerela
113	29 & 30 – 10 – 2010	National Level Symposium On Entrepreneurship Development	Mr. S. Balasubramaniam MD & CEO, City Union Bank, Kumbakonam
114	28-09-2011	Special Seminar on Corporate Finance	Mr. R. Gururajan Asst. Executive Director, Dalmia Cements
115	30-09-2011	Seminar on Opportunities & Challenges in Healthcare	Mr. V. Kriishnakumar, M.H.M., C.O.O. of Ortho One, Coimbatore
116	14-11-2011	HR GIPFEL – A Panel Discussion	Mr. I. K. Gomathi sankar, Head – IR, Easun Reyrolle Ltd. Mr. R. Janarthanan, National Sales Manager,

			Orchid Pharmaceuticals Miss. Anjali, Manager – HR MAxval Soft
117	02-03-2012	Entrepreneurship – A Mission with Passion	Mr. Sarathbabu Ezhumalai CEO, Food Kings
118	16-03-2012	National Level Management Meet – Kezeles Modes – 2012	Dr. K. Kavidasan, Head – HR, Roots Industries Limited, Coimbatore
119	05-10-2012	National Level Conference On Innovations In Management, Technology And Science	Dr. Victor Louis Anthuvan, Director – Research, Layola Institute of Business Administration, Chennai
120	30-01-2013	National Level Management Meet – Kezeles Modes – 2013	Mr. Subramaniam, Head HR, Lucas – TVS, Chennai
121	21,22 & 23/01/2015	ANTS EXPO (Management Expo)	Dr. Shanthi (Former Principal, PRPC)
122	28/01/2015	LLIFA (Management Meet)	Dr. Manivannan Scientist

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING			
123	23.07.2015 to 24.07.2015	Two Days Technical Symposium - WIMAC 2K15	Dr. N. Ethirajalu, Vice Chancellor, PRIST University.
124	16.02.2015	Intercollegiate seminar	Dr. S. Saravanakumar PRIST University.
125	24.01.2014	In House Seminar on Recent Innovations in Information Technology	Dr.G.J.Joyce Mary Associate Professor. PRIST University
126	31.07.2013	Gstip (Generation of Software technologist and Innovative People) Inauguration and In house seminar (Aarohee- v2 -2013)	Dr. M.Senthil Kumar, Associate Dean, Faculty of Engineering and Technology, PRIST University, Thanjavur
127	10.07.2013	Seminar On Cloud Computing And Big Data	Mr.Mc.Navjot Singh, Program Manager, EMC Corporation
128	19.02.2013	Guest Lecture on CCNA and CCNP Examinations.	Mr.R.Srinivasan, K.R.A.Systems Thanjavur
129	27.03.2013	In-house Seminar (Aarohee- v1- 2013)	Mr.Prabhudoss, HOD CSE,

			PRIST University.
130	18.02.2013	Seminar on open Source Technologies	Mr.Kumar Mani, CEO, Tenth Planet Technologies
131	23 .08.2013	Microsoft .NET workshop	ISYSWAY Corporation, Chennai.
132	13.09.2012	Inter Collegiate Seminar (Aarohee –v2-2012) and (Gstip) Inauguration Generation of Software Technologist and Innovative people .	Dr.D.Vincent H.Wilson , Dean, Faculty of Engineering and Technology, PRIST University.
133	27, 28 March 2012	“Cryptography and its Application “ DRDO Sponsored Workshop	Dr.P.L.K Priyadarshini, Scientist, CRD, PRIST University
134	20th March 2012	“ Workshop on Computing in Biology”	Dr.P.L.K Priyadarshini, PRIST University.
135	16.03.2012	In House Seminar on (Aarohee –v1 -2012) Creating Technical Awareness among the Students	Dr.Priyadharshini, PRIST University.
136	25.01.2012	Inauguration of “CSI Student Branch Chapter”	Dr. N. Ethirajalu, Vice Chancellor, PRIST University.
137	07.02.2012	Guest Lecture on “Entry, Survival and Progress in an Organization”	Er.E.Bala Prasanna, Software testing, HSBC Bank U.K
138	24.09.2011	Guest Lecture on “Image Compression”	Dr.N.Kannan, Principal, Jayaram College of Engineering, Trichy
139	15.07.2011	Guest Lecture on “Photo Shop”	Mr.A.Raja Rajan, Assistant Professor, PRIST University
DEPARTMENT OF EDUCATION			
140	06-06-2015	National Seminar	Dr. S. Jayarama Reddy Former Vice Chancellor S.V University ,Thirupathy
141	10-04-2015	Citizenship training camp	Mr.S.Balasundaram Secretary sri siredi Saibaba Endowment Trust
142	06.02.2015	Historical Place, Rajah Serfogi Mahal, Thanjavur	Mr.G.Sivakumar Curator ,Art Gallery Thanjavur Palace

143	07.02.2015	Saraswathi Mahal, Thanjavur	Dr.N.Sudarsan Director Saraswathimahall Library Thanjavur
144	04-02-2014	IICPT	Dr.N.Arivalan Senior Scientist IICPT Thanjavur
145	28.03.2014	Vallalar Temple, Thanjavur	Mr.J.Mahesan Professor PRIST
146	20.08.2014	Psychology (Personality Improvement) , East Campus,Thanjavur	Mr.V.Murugan Asst prof PRIST
147	25.09.2014	Debate, East Campus, Thanjavur	Dr.S.Subash Professor PRIST
148	19.10.2013	Placement Training Program	Prof. R.Anbazhagan, DIET, Mannargudi
149	23.09.2013	Workshop on Teaching & Learning Techniques	Dr.P.Rajasekar Professor PRIST
150	23-02-2013	Vallalar Temple, Thanjavur	Dr.T.Tambaiya Trustee Vallalar Temple Thanjavur
151	07.02.2013	How to impart Communication Skills	Dr.K.B.Jasmine Suthanthira Devi Professor PRIST
152	13.09.2013	Enhancement of Quality in English Teaching, Thanjavur	Mr.N.Venkatraman Asst prof PRIST
153	12.09.2013	Cancer Awareness Out Reach Program, PRPS School	Mr.D.Muruganantham Asst prof PRIST
154	12.09-2013	Drug Addiction	Mr.R.Gunasekaran Asst prof PRIST
155	12.09.2013	Smoking and Drinking	Dr.S.Subash Professor PRIST
156	07.02.2013	Soft Skills	Dr.P.Rajasekar Professor PRIST
157	04.01.2013	Tobacco Awareness Program For High School Kurungulam	Mr.V.Maruthavanan Asst prof PRIST
158	18.02.2012	Temple Cleaning, Mariamman Koil , Thanjavur	Prof. C.Nagarajan Pro Chancellor PRIST
159	23.02.2012	Medicinal Herbals Found in Sangam Literature, Thanjavur	Dr.S.Subash Professor PRIST
160	05.07.2012	Literacy Program, Thanjavur	Mr.S.Ravi

			Asst prof PRIST
161	15.02.2011	Temple Cleaning, Kathirinatham, Thanjavur	Mr.A.Joseph Amal Doss Asst prof PRIST
162	04.09.2015	Leadership Capacities And Qualities	Mr.M.Balasubramaniam. Asst prof PRIST
163	07.09.2015	Lightening Mathematics	Mr.T.Selvaraj Asst prof PRIST
164	10.09.2015	Economics in Education	Mrs.R.Vaishnavi Asst prof PRIST

DEPARTMENT OF COMMERCE

1	15.02.2010	Guest lectures	Mr.S.K.Subburaman
2	14-9-2011	Guest lectures	Dr.R.Srinivasan
3	22.08.2013	In house seminar	Dr.R.Selvaraj
4	10.09.2013	In house seminar	Mr.G.kothandapani
5	16.12.2014	In house seminar	Mrs.D.Dhanalakshmi
6	06.01.2014	In house seminar	Mrs.Renugadevi
7	10.02.2014	In house seminar	Mrs.B.Sheela

DEPARTMENT OF CIVIL ENGINEERING

8	28.02.15	Face painting	Dr.P. Rajagopalan
9	28.02.15	On the spot painting	Dr. P. Elango
10	31.7.15	Cad Drawing	Dr.s.Manjula
11	31.7.15	Debate	Dr.s.Manjula
12	31.7.15	Debate	Dr.s.Manjula
13	31.7.15	Modelling	Dr.s.Manjula
14	20.1.14	Strokes	Dr. Vincent
15	11.8.13	Rangoli	Dr. Singh Jagadesan

STUDENTS PARTICIPATION IN CO-CURRICULAR ACTIVITIES

S.no	Date	Name of the Student	Name of the Event	Title of the Programme and Organising Institution
COMMERCE				

1.	2014 – 2015	Najla Noor Mohamed	Best Manager(2014-2015)	Barath Institute of Management,Thanjavur.
2.	2014 – 2015	Harish.M	Business Quiz(2014-2015)	Barath Institute of Management,Thanjavur.
3.	2014 – 2015	Balaji.B	Business Quiz(2014-2015)	Barath Institute of Management,Thanjavur.
4.	2014 – 2015	Najla Noor Mohamed	Extempore Speech(2014-2015)	RDB Institute of management, Papanasam.
5.	2014 – 2015	Rifaiye Fazil.H	Product Launch(2014-2015)	A.V.V.M.Sri Pushpam College,Poondi.
6.	2014 – 2015	Mohamed Aasath.A	Product Launch(2014-2015)	A.V.V.M.Sri Pushpam College,Poondi.
DEPT. OF COMPUTER SCIENCE				
7.	30.09.2011	G.Raja	Surprise Event	CYBERQUEST'11 Organised by Vysya College, Salem
8.	30.09.2011	L.Kesavavinayagaraj	Visual WITS	CYBERQUEST'11 Organised by Vysya College
9.	30.09.2011	S.Saravanan	Visual WITS	CYBERQUEST'11 Organised by Vysya College
10.	01.10.2011	A.Amarnath	ADROIT	PRADEEPTA'11 Organised by Anjalai Ammal Mahalingam Engineering College - Kovilveni
11.	01.10.2011	G.Raja	ADROIT	PRADEEPTA'11 Organised by Anjalai Ammal Mahalingam Engineering College - Kovilveni
12.	16.10.2011	A.Amarnath	Dumb Charades	WEBFEST'11 Organised by Holy Cross College, Trichy

13.	16.10.2011	S.Karthiga	Dumb Charades	WEBFEST'11 Organised by Holy Cross College
14.	16.10.2011	G.Raja	Debugging	WEBFEST'11 Organised by Holy Cross College
15.	16.10.2011	V.Raj Mohan	Debugging	WEBFEST'11 Organised by Holy Cross College
16.	16.10.2011	S.Saravanan	Debugging	WEBFEST'11 Organised by Holy Cross College
17.	23.10.2011	A.Amarnath	Paper Presentations	A Health Monitoring System By Nano Magnetic Micro Robot Holy Cross College, Trichy
18.	23.10.2011	S.Karthiga	Paper Presentations	A Health Monitoring System By Nano Magnetic Micro Robot Holy Cross College, Trichy
19.	23.10.2011	G.Raja	Multimedia Presentation	India in Space Holy Cross College, Trichy
20.	23.10.2011	A.Amarnath	Web Maker	GIGS 2 KB '11 at Chiristhu Raj College, Trichy
21.	03.02.2012	K.Bharathi Ram	Brain Twister	APPS2012
22.	03.02.2012	M.R.Shaik Abdulla Faizal	Code Bug	Organised by CARE School of Computer Application College, Trichy
23.	03.02.2012	R.Gayathri	Code Bug	APPS2012
24.	03.02.2012	K.Mano Chitra	Code Bug	Organised by CARE School of Computer Application College, Trichy
25.	03.02.2012	A.Rabiyathul Basiriya	Brain Twister	APPS2012

26.	03.02.2012	P.Priyanka Devi	Brain Twister	Organised by CARE School of Computer Application College, Trichy
27.	28.02.2012	R.Gayathri	Mind Screwer	BIOS'11 Organised by BON SECORS College
28.	28.02.2012	M.Elakkani	Mind Screwer	BIOS'11 Organised by BON SECORS College
29.	28.02.2012	B.Hema	Chase Bugs	BIOS'11 Organised by BON SECORS College
30.	28.02.2012	V.N.Nagalakshmi	Mind Screwer	BIOS'11 Organised by BON SECORS College
31.	28.02.2012	D.Aishwarya	Mind Screwer	BIOS'11 Organised by BON SECORS College
32.	28.02.2012	P.Kiruthika	Mind Screwer	BIOS'11 Organised by BON SECORS College
33.	28.02.2012	K.MonikaBharathi	Chase Bugs	BIOS'11 Organised by BON SECORS College
34.	28.02.2012	B.G.Priya	Mind Screwer	BIOS'11 Organised by BON SECORS College
35.	28.02.2012	B.Sathya	Chase Bugs	BIOS'11 Organised by BON SECORS College
36.	28.02.2012	A.Shajitha begum	Chase Bugs	BIOS'11 Organised by BON SECORS College
37.	28.02.2012	A.ShanmugaPriya	Mind Screwer	BIOS'11 Organised by BON SECORS College
38.	28.02.2012	N.SivaPriya	Mystery Quest	BIOS'11 Organised by BON SECORS College
39.	28.02.2012	S.SriRanjani	Mystery Quest	BIOS'11 Organised by BON SECORS College
40.	28.02.2012	S.Yoga Aishwarya	Chase Bugs	BIOS'11 Organised by BON SECORS College

41.	02.02.2012 & 03.02.2012	B.Hema	Hyperwave	NIRAL 2012 Organised by College of Engineering
42.	02.02.2012 & 03.02.2012	V.N.Nagalakshmi	Debugging	NIRAL 2012 Organised by College of Engineering
43.	02.02.2012 & 03.02.2012	K.Deepika	Debugging	NIRAL 2012 Organised by College of Engineering
44.	02.02.2012 & 03.02.2012	E.Renuka	Techwriker	NIRAL 2012 Organised by College of Engineering
45.	02.02.2012 & 03.02.2012	S.Selvarani	Techwriker	NIRAL 2012 Organised by College of Engineering
46.	02.02.2012 & 03.02.2012	T.Vidhyavathi	Hyperwave	NIRAL 2012 Organised by College of Engineering
47.	02.02.2012 & 03.02.2012	S.Dinesh Kumar	Hyperwave	NIRAL 2012 Organised by College of Engineering
48.	02.02.2012 & 03.02.2012	V.BalaSubramani yan	Techwriker	NIRAL 2012 Organised by College of Engineering
49.	02.02.2012 & 03.02.2012	B.KirshnaKumar	Techwriker	NIRAL 2012 Organised by College of Engineering
50.	02.02.2012 & 03.02.2012	R.Muneeshwaran	Mobiriod	NIRAL 2012 Organised by College of Engineering
51.	02.02.2012 & 03.02.2012	L.Manoharan	Mobiriod	NIRAL 2012 Organised by College of Engineering
52.	02.02.2012 & 03.02.2012	S.Vasnthakumar	Debugging	NIRAL 2012 Organised by College of Engineering

53.	02.02.2012 & 03.02.2012	S.Ranjith	Mobiriod	NIRAL 2012 Organised by College of Engineering
54.	02.02.2012 & 03.02.2012	P.Prabhakaran	Mobiriod	NIRAL 2012 Organised by College of Engineering
55.	02.02.2012 & 03.02.2012	N.Sankar	Hyperwave	NIRAL 2012 Organised by College of Engineering
56.	02.02.2012 & 03.02.2012	R.Sivasankaran	Hyperwave	NIRAL 2012 Organised by College of Engineering
57.	06.08.2014 & 07.08.2014	KRISHNAVENI. V	MATLAB	International Workshop on image Processing and Research Methodology using MATLAB organized by Adaikalamatha College, Thanjavur
58.	06.08.2014 & 07.08.2014	ELAKKIYA.R	MATLAB	International Workshop on image Processing and Research Methodology using MATLAB organized by Adaikalamatha College, Thanjavur
59.	06.08.2014 & 07.08.2014	KASTHURI.C	MATLAB	International Workshop on image Processing and Research Methodology using MATLAB organized by Adaikalamatha College, Thanjavur
60.	06.08.2014 & 07.08.2014	CHITRA.B	MATLAB	International Workshop on image Processing and Research Methodology using MATLAB

				organized by Adaikalamatha College, Thanjavur
61.	06.08.2014 & 07.08.2014	VINOTHINI.R	MATLAB	International Workshop on image Processing and Research Methodology using MATLAB organized by Adaikalamatha College, Thanjavur
62.	06.08.2014 & 07.08.2014	PAVITHRA.B	MATLAB	International Workshop on image Processing and Research Methodology using MATLAB organized by Adaikalamatha College, Thanjavur
63.	30.08.2014 & 31.08.2014	Vaithehi.N	Debug	VERSION 2014 organised by National Institute of Technology, Tiruchirappalli
64.	30.08.2014 & 31.08.2014	Sathiyalakshmi.B	Web Design	VERSION 2014 organised by National Institute of Technology, Tiruchirappalli
65.	30.08.2014 & 31.08.2014	Seethalaksmi.V	Quiz	VERSION 2014 organised by National Institute of Technology, Tiruchirappalli
66.	30.08.2014 & 31.08.2014	Jayashree.N	Debug	VERSION 2014 organised by National Institute of Technology, Tiruchirappalli
67.	16.12.2014 & 17.12.2014	S.MohamedSalam	Debug, Quiz	SWAP 2K14 organised by Jamal Mohamed College(Autonomous), Tiruchirappalli
DEPT. OF MANAGEMENT STUDIES				

68.	22/09/2012	S. Alifa John	Stock War	INFOREA organized by INFO institute of engineering
69.	24/10/2012	R. Gnanasekaran	"Idea to execution for Entrepreneurs". (International Business summit of IIM Ahmedabad).	Nurture Talent Organised by M.A.M College of Engineering.
70.	24/10/2012	S.A.Abul Kalam	"Idea to execution for Entrepreneurs". (International Business summit of IIM Ahmedabad).	Nurture Talent Organised by M.A.M College of Engineering.
71.	24/10/2012	K.Kiruthika	"Idea to execution for Entrepreneurs". (International Business summit of IIM Ahmedabad).	Nurture Talent Organised by M.A.M College of Engineering.
72.	24/10/2012	K.Dinesh Kumar	"Idea to execution for Entrepreneurs". (International Business summit of IIM Ahmedabad).	Nurture Talent Organised by M.A.M College of Engineering.
73.	24/10/2012	K.Guru Prasath	"Idea to execution for Entrepreneurs". (International Business summit of IIM Ahmedabad).	Nurture Talent Organised by M.A.M College of Engineering.
74.	24/10/2012	E. Venkatesh	"Idea to execution for Entrepreneurs". (International Business summit of IIM Ahmedabad).	Nurture Talent Organised by M.A.M College of Engineering.
75.	24/10/2012	R.Anitha	"Idea to execution for Entrepreneurs". (International Business summit of IIM Ahmedabad).	Nurture Talent Organised by M.A.M College of Engineering.
76.	24/10/2012	R.Sukitha	"Idea to execution for Entrepreneurs". (International Business summit of IIM Ahmedabad).	Nurture Talent Organised by M.A.M College of Engineering.
77.	24/10/2012	U.Poorna Lakshmi	"Idea to execution for Entrepreneurs". (International Business summit of IIM Ahmedabad).	Nurture Talent Organised by M.A.M College of Engineering.

78.	29/09/2012	Baskaran. J	Business Quiz	FENESTRA 12 organised by St. Joseph's College of Engineering
79.	17 & 18/10/2012	M.VIVEK M. KUMARESAN	Best Management Team	TIECOONS-2K12 organised by Jamal Institute of Management
80.	17 & 18/10/2012	M.VIVEK M. KUMARESAN	HR Game	TIECOONS-2K12 organised by Jamal Institute of Management
81.	17 & 18/10/2012	D.JENIFER R.SUKITHA B. SANTHINI C.YOGESWARI M. HARINI	AD - ZAP	TIECOONS-2K12 organised by Jamal Institute of Management
82.	17 & 18/10/2012	S.A.ABUL KALAM	BEST MANAGER	TIECOONS-2K12 organised by Jamal Institute of Management
83.	17 & 18/10/2012	S.Nandhini	Business Quiz	TIECOONS-2K12 organised by Jamal Institute of Management
84.	17 & 18/10/2012	U.Poorna Lakshmi	Business Quiz	TIECOONS-2K12 organised by Jamal Institute of Management
85.	10 & 11/10/2012	ALEFA JOHN. S	Paper Presentation	FIRMA' 12 organised by Bishop Heber College
86.	12/03/2014	Sindhuja. S G. Bhuvana Catherin grace jarret	AD ZAP	TRIUMFAS '14 organised by M.I.E.T Engineering College
87.	30&31/01/2014	N. Sindhu	Encarvia	Biz Laureate organized by Gnanam School of Business
88.	30&31/01/2014	S. Sindhuja	Black Box	Biz Laureate organized by Gnanam School of Business
89.	1/03/2014	P.Prabhakaran Subash Chandra	AD ZAP	Repowis ' 14 organised by

		Bose Karthick.R Umesh Prabhakar		Kongu Engineering College
90.	15&16/10/2014	Nivetha. K	AD ZAP	TIECOONS' 14 organised by Jamal Institute of Management
91.	15&16/10/2014	Nivetha. K	Financial Expert	TIECOONS' 14 organised by Jamal Institute of Management
92.	27& 28/02/2015	Anees khanem. M.A	Clash of Titans HR ace	Yukthi 2015 organised by Thiagarajar School of Management
93.	27& 28/02/2015	Umesh Prabhakar Rakesh. G Feroz khan . A Mohammed Salman	B QUIZ	Yukthi 2015 organised by Thiagarajar School of Management
94.	27& 28/02/2015	Umesh Prabhakar Rakesh. G	IPL Bidding	Yukthi 2015 organised by Thiagarajar School of Management
95.	27& 28/02/2015	S. Jayaraj G.Raju Y.Sandhya M. Dhivya	Fin Master	Yukthi 2015 organised by Thiagarajar School of Management
96.	27& 28/02/2015	Sruthi Rajesh Kumar	B QUIZ	Yukthi 2015 organised by Thiagarajar School of Management
97.	27& 28/02/2015	Boopathi Praveen Kumar Kubenthiran Vignesh .S	IPL Bidding	Yukthi 2015 organised by Thiagarajar School of Management
98.	27& 28/02/2015	T.M. Balaji	Best CEO	Yukthi 2015 organised by Thiagarajar School of Management
99.	27& 28/02/2015	Sakthi Ram Manoj Raju	Tour de tpk	Yukthi 2015 organised by Thiagarajar School of Management
100.	15/04/2015	Mohammed Azarudeen Sanchu Kutty Mathew	MIME	National Level Management Meet organized by AVVM Sri

		Prabhakar Subash Chandra Bose		Pushpam
DEPT OF MECHANICAL ENGINEERING				
101.	30.01.2015	Jude Parker	Participated	National level workshop on Nano Enabled Smart Materials Technolgy organized by M.Kumarasamy College Of Engineering
102.	30.01.2015	Srinivasan . M	National level workshop	National level workshop on Nano Enabled Smart Materials Technolgy organized by M.Kumarasamy College Of Engineering
103.	30.01.2015	Saravanan . S	National level workshop	National level workshop on Nano Enabled Smart Materials Technolgy organized by M.Kumarasamy College Of Engineering
104.	30.01.2015	Justin antony raj . T	National level workshop	National level workshop on Nano Enabled Smart Materials Technolgy organized by M.Kumarasamy College Of Engineering
105.	27.03.2013	Ponuvel . V	National conference	National conference on Experiment study on micro holes in INCONEL 718 organised by kadhira college of

				engineering
106.	23.02.2013	Raghul kumar . R	National seminar	National seminar on Carbon reduction by sustained use of renewable energy sources organized by periyar maniammai university
107.	22.02.2013	Sarath kumar . M	Workshop	Workshop on Automotive industrial simulation organized by Radiance Institute of Technology
108.	22.02.2013	Mohamed ishak . M	Workshop	Workshop on Automotive industrial simulation organized by Radiance Institute of Technology
109.	17.03.2013	Srinivasan . S	International Conference	International Conference on Motor sport organized by National Institute of Technology, Trichy
110.	17.03.2013	Dhivakar . S	International Conference	International Conference on Motor sport organized by National Institute of Technology, Trichy
111.	12.03.2013	Pankaj kumar	National workshop	National workshop on Recent trends in renewable energy organized by Prist University
112.	08.03.2013	Pankaj kumar	National workshop	National workshop on Recent trends in renewable energy organized

				by Prist University
113.	03.03.2013	Rahul kumar Prasad	Workshop	Workshop on Automobiles organized by National Institute of Technology, Trichy
114.	07.10.2012	Abhinav priyadharshi	Workshop	Workshop on Robotics & Embedded devices organized by SYSWAY
115.	29.09.2012	Mohd. Irfan hashmi	Workshop	Workshop on Recent trends in automobile technology & automotive electronics organized by JANSONS Institute of technology
116.	16.03.2012	Jayaprakash .M	workshop	Workshop on Renewable energy sources organized by RVS College Of engineering
117.	16.03.2012	Vasanthan . J	workshop	Workshop on Renewable energy sources organized by RVS College Of engineering
DEPT OF CIVIL ENGINEERING				
118.	4/09/10	V.Sandhya	Workshop	Workshop on Inaguration of crest Application and uses of ferro cement organized by P.R Engineering college
119.	20/09/10	V.Sandhya	Workshop	Workshop On Concepts of phytoremediations and uses organized by P.R

				Engineering college
120.	21/09/11	V.Sandhiya	Workshop (DOMOTICS'11)	Workshop On ERT tech for pollution studies and seismic zones of India organized by P.R Engineering college
121.	21/09/11	V.Sandhiya	Workshop(DOMOTICS'11)	Workshop On Concrete-Past, Present and Future organized by P.R Engineering college
122.	12/09/12	B.Arun kumar	Workshop	Workshop on Meticulous application of structural engineering software organized by Sri Krishna College Of Technology
123.	31/08/12	Sundar.SP	National level technical symposium	National level technical symposium - REINFO'12 organized by Kumaraguru college
124.	31/08/12	M.Vignesh	National level technical symposium	National level technical symposium - REINFO'12 organized by Kumaraguru college
125.	28/09/12	B.Arun kumar	National seminar(HINGES'12)	National seminar On Probe organized by Sastra University
126.	28/02/13	Sundar.SP	International Conference	National seminar On Infrastructural issues in emerging economies organized by

				Sastra University
127.	14/09/13	S.G.Ahamed abdul rahman	Workshop	National seminar On Recent Advancers in Civil Engineering organized by Prist University
128.	15/02/13	Sundar.SP	National level techo- management fest(MINFKRAFT' 13)	National seminar On Phyto- remediation of dairy waste water organized by Karunya University
129.	12/03/13	B.Arun kumar	National Workshop(care)	National seminar On Recent trends in renewable energy organized by Sastra University
130.	14/09/13	K.Arjunan	Workshop (RACE- 13)	National seminar On Recent Advances in Civil Engineering organized by
131.	8/01/14	D.Vinothkumar	National seminar	National seminar On Applcation of nano technology in Civil Engineering organized by Prist University
132.	08/01/14	K.Azharuddin	National seminar	National seminar On Applcation of nano technology in Civil Engineering organized by SNS COLLEGE
133.	11/09/14	S.G.Ahamed abdul rahman	National level technical fest	National seminar On 'Bob the builder organized by' Karunya University
134.	02/09/14	S.Abdul rahman	National level technical symposium (SRUJAN'S 14)	National seminar On Recent Trends in Civil Engineering organized by

				M.Kumarasamy College Of Engineering
DEPT. OF ECE				
135.	30.09.2015	S.Purnima	Paper Presentation	National Conference organised by Idhaya College for Women, Kumbakonam
136.	20.02.2015	M.Gowri	Paper Presentation	National Conference organised by P.R. Engineering college, Thanjavur
137.	20.02.2015	V.M.Padmapriya	Paper Presentation	National Conference organised by P.R. Engineering college, Thanjavur
138.	20.02.2015	S.Gopikrishnan	Paper Presentation	National Conference organised by P.R. Engineering college, Thanjavur
139.	20.02.2015	S.Thiyagesh	Paper Presentation	National Conference organised by P.R. Engineering college, Thanjavur
140.	11.03.15 & 12.03.15	S.Gopikrishnan	Paper Presentation	National Conference organised by Selvam College of Technology, Namakkal
141.	11.03.15 & 12.03.15	S.Thiyagesh	Paper Presentation	National Conference organised by Selvam College of Technology, Namakkal
142.	20.02.2015	S.Geetha	Paper Presentation	National Conference organised by P.R. Engineering college, Thanjavur

143.	20.02.2015	B.Gayathri	Paper Presentation	National Conference organised by P.R. Engineering college, Thanjavur
144.	20.02.2015	T.Anitha	Paper Presentation	National Conference organised by P.R. Engineering college, Thanjavur
145.	20.02.2015	B.Kayalvizhi	Paper Presentation	National Conference organised by P.R. Engineering college, Thanjavur
146.	20.02.2015	M.Suganya	Paper Presentation	National Conference organised by P.R. Engineering college, Thanjavur
147.	20.02.2015	R.Mahalakshmi	Paper Presentation	National Conference organised by P.R. Engineering college, Thanjavur
148.	20.02.2015	M.Priyadharshini	Paper Presentation	National Conference organised by P.R. Engineering college, Thanjavur
149.	20.02.2015	V.Anbumalar	Paper Presentation	National Conference organised by P.R. Engineering college, Thanjavur
150.	20.02.2015	S.Vigneswar	Paper Presentation	National Conference organised by P.R. Engineering college, Thanjavur
151.	20.02.2015	S.Rudraveni	Paper Presentation	National Conference organised by P.R. Engineering college, Thanjavur
152.	20.02.2015	R.Renukadevi	Paper Presentation	National Conference organised by Parisutham

				institute of technology and science, Thanjavur
153.	20.02.2015	C.Sivaranjani	Paper Presentation	National Conference organised by Parisutham institute of technology and science, Thanjavur
154.	20.02.2015	Derangula Raja	Paper Presentation	National Conference organised by Parisutham institute of technology and science, Thanjavur
155.	20.02.2015	A.Manikandan	Paper Presentation	National Conference organised by Parisutham institute of technology and science, Thanjavur
156.	20.02.2015	S.Shabir	Paper Presentation	National Conference organised by Parisutham institute of technology and science, Thanjavur
157.	20.02.2015	B.Fayas ahamed	Paper Presentation	National Conference organised by Parisutham institute of technology and science, Thanjavur
158.	20.02.2015	D.Chiranjeevi	Paper Presentation	National Conference organised by Parisutham institute of technology and science, Thanjavur
159.	20.02.2015	D.korapati rafi	Paper Presentation	National Conference Parisutham institute of

				technology and science, Thanjavur
160.	20.02.2015	Derangula balaji	Paper Presentation	National Conference Parisutham institute of technology and science, Thanjavur
161.	20.02.2015	D.Beri chaitanya reddy	Paper Presentation	National Conference Parisutham institute of technology and science, Thanjavur
162.	28.02.15	Angad Kumar Baranwal	Paper Presentation	International conference Vetri vinayaha college of engineering and technology
163.	28.02.15	Piyush Priye	Paper Presentation	International conference Vetri vinayaha college of engineering and technology
164.	11.03.15	S.Vijaykamal	Paper Presentation	National Conference Kings College of engineering
165.	11.03.15	K.Mohamed Bashith	Paper Presentation	National Conference Kings College of engineering
166.	11.03.15	Rupesh kumar singh	Paper Presentation	National Conference Kings College of engineering
167.	12.03.15	Uperdra kumar	Paper Presentation	National Conference A.J. Institute of technology mangalore
168.	12.03.15	Aman kumar agarwal	Paper Presentation	National Conference A.J. Institute of technology mangalore

169.	27.03.15	Mamta kumari	Paper Presentation	National Conference PRIST university Thanjavur
170.	27.03.15	Chandhani kumari	Paper Presentation	National Conference PRIST university Thanjavur
171.	27.03.15	Uperdra kumar	Paper Presentation	National Conference PRIST university Thanjavur
172.	27.03.15	J.Jithin	Paper Presentation	National Conference PRIST university Thanjavur
173.	27.03.15	J.Jibin varghese	Paper Presentation	National Conference PRIST university Thanjavur
174.	14.02.2014 & 15.02.14	S.Rajapriya	Paper Presentation	International Conference Sri Vasavi College, Erode
175.	14.02.2014 & 15.02.14	R.Karthika	Paper Presentation	International Conference Sri Vasavi College, Erode
176.	14.02.2014 & 15.02.14	M.Sharmila	Paper Presentation	International Conference Sri Vasavi College, Erode
177.	14.02.2014 & 15.02.14	S.Sindhuja	Paper Presentation	International Conference Sri Vasavi College, Erode
178.	17-19.02.14	S.Rajapriya	Paper Presentation	International Conference PRIST university, Chennai
179.	18&19.01.14	B.Manigandan	Paper Presentation	International Conference Hotel the woods manor, Kerala
180.	18&19.01.14	G.Sadhana	Paper Presentation	International Conference Hotel the woods manor, Kerala

181.	18&19.01.1 4	S.Surya	Paper Presentation	International Conference Hotel the woods manor, Kerala
182.	18&19.01.1 4	N.Sabitha	Paper Presentation	International Conference Hotel the woods manor, Kerala
183.	18&19.01.1 4	P.Sathyavathy	Paper Presentation	International Conference Hotel the woods manor, Kerala
184.	18&19.01.1 4	V.Mathura devi	Paper Presentation	International Conference Hotel the woods manor, Kerala
185.	08.03.14	T.Karthika	Paper Presentation	National conference A.R.J. College of Engg. &Tech,Manr
186.	08.03.14	K.Sivash	Paper Presentation	National conference A.R.J. College of Engg. &Tech,Manr
187.	08.03.14	K.Chithrakala	Paper Presentation	National conference A.R.J. College of Engg. &Tech,Manr
188.	08.03.14	S.Tamilarasi	Paper Presentation	National conference A.R.J. College of Engg. &Tech,Manr
189.	08.03.14	V.Vijayabanu	Paper Presentation	National conference A.R.J. College of Engg. &Tech,Manr
190.	08.03.14	K.Revathy	Paper Presentation	National conference A.R.J. College of Engg. &Tech,Manr
191.	08.03.14	U.Pradeep Shankar	Paper Presentation	National conference

				A.R.J. College of Engg. &Tech,Manr
192.	08.03.14	R.Sivakumar	Paper Presentation	National conference A.R.J. College of Engg. &Tech,Manr
193.	14.03.15	S.Martin Arokyaraj	Paper Presentation	National conference Vels engineering college, Ambathur Red hills
194.	14.03.15	R.Jayalakshmi	Paper Presentation	National conference Mohamed sathak engineering college, Kilakarai
195.	07.02.2014	S.Jaganathan	Paper Presentation	National Conference by EASA college of engineering and technology Covai
196.	07.02.2014	A.Sheik Dawood	Paper Presentation	National Conference by EASA college of engineering and technology Covai
197.	27.02.14	Piyush Priye	Paper Presentation	National level technical symposium CARE school of engineering
198.	27.02.14	Angad Kumar Baranwal	Paper Presentation	National level technical symposium CARE school of engineering
199.	01&02.03.14	Angad Kumar Baranwal	workshop	National level workshop IIST , Bangalore
200.	07.03.14	S.Vigneswar	Paper Presentation	National level technical symposium University VOC college of engineering Anna university Thoothukudi

201.	07.03.14	R.Mahalakshmi	Paper Presentation	National level technical symposium Perunthalaivar Kamaraj Institute of Engineering and Technology, Karaikal
202.	07.03.14	S.Rudhra veni	Paper Presentation	National level technical symposium Perunthalaivar Kamaraj Institute of Engineering and Technology, Karaikal
203.	07.03.14	M.Suganya	Paper Presentation	National level technical symposium Perunthalaivar Kamaraj Institute of Engineering and Technology, Karaikal
204.	07.03.14	R.Mahalakshmi	workshop	Event of NEED FOR SPEED in National level technical symposium Perunthalaivar Kamaraj Institute of Engineering and Technology, Karaikal
205.	07.03.14	S.Rudhra veni	workshop	Event of NEED FOR SPEED in National level technical symposium Perunthalaivar Kamaraj Institute of Engineering and Technology, Karaikal
206.	07.03.14	M.Suganya	workshop	Event of NEED FOR SPEED in National level technical symposium

				Perunthalaivar Kamaraj Institute of Engineering and Technology, Karaikal
207.	07.03.14	S.Rudhra veni	workshop	Event of NEED FOR SPEED in National level technical symposium Perunthalaivar Kamaraj Institute of Engineering and Technology, Karaikal
208.	07.03.14	R.Mahalakshmi	workshop	Event of ADZAP in National level technical symposium Perunthalaivar Kamaraj Institute of Engineering and Technology, Karaikal
209.	26&27.08.13	Angad Kumar Baranwal	workshop	IUCEE-SPEED student workshop on creativity and innovation in engineering education Bhoomaraddi college of engineering and technology, Hubli, Karnatka
210.	27&28.12.13	Angad Kumar Baranwal	workshop	Workshop IEEE EDS on Past, Present & Future of Nano CMOS Tech. Thiyagarajar College of engineering, Madurai.
211.	27.07.13	CHANDANI KUMARI	workshop	National level workshop on “Android Application Development” Kongu

				Engineering College
212.	27.07.13	R.MAHALAKSHMI	workshop	National level workshop on “Android Application Development Kongu Engineering College
213.	27.07.13	B.KAYALVIZHI	workshop	National level workshop on “Android Application Development Kongu Engineering College
214.	26&27.08.13	ANGAD KUMAR BARANWAL	Workshop	IUCEE- SPEDD Workshop on creativity and innovation in Engineering Education B.V.Bhoomaraddi College of Engineering & Technology, Hubli
215.	27& 28.12.13	ANGAD KUMAR BARANWAL	Workshop	Workshop IEEE EDS on Past, Present & Future of Nano CMOS Technologies B Thiyagarajar College of engineering, Madurai.
216.	11.0913	ANGAD KUMAR BARANWAL	Paper Presentation	National level technical symposium “FANAK’13” Annai mathammal sheela engineering college
217.	11.0913	PIYUSH PRIYE	Paper Presentation	National level technical symposium

				“FANAK’13 Annai mathammal sheela engineering college
218.	20.08.13	SIVARANJANI. C	Paper Presentation	National level technical symposium “ELECTRO AVATARZ” P.R. Engineering College
219.	20.08.13	RENUKA DEVI.R	Paper Presentation	National level technical symposium “ELECTRO AVATARZ” P.R. Engineering College
220.	14.08.13	RENUKA DEVI.R	Paper Presentation	National level technical symposium “ATRUMS Ponnaiyah Ramajayam College of Engineering and Technology
221.	14.08.13	ANBUMALAR.V	Paper Presentation	National level technical symposium “ATRUMS Ponnaiyah Ramajayam College of Engineering and Technology
222.	14.08.13	RENUKA DEVI.R	Be a Teacher	Participated in the event “Be a Teacher” “ATRUMS-13 Ponnaiyah Ramajayam College of Engineering and Technology
223.	14.08.13	VIGNESHWAR	Best Manager	Participated in the event “Best Manager” “ATRUMS

				Ponnaiyah Ramajayam College of Engineering and Technology
224.	14.08.13	DERANGULA RAJA	Best Manager	Participated in the event “Best Manager” “ATRUMS Ponnaiyah Ramajayam College of Engineering and Technology
225.	14.08.13	VIGNESHWAR	Short Film	Participated in the event “Short Film” “ATRUMS-13 Ponnaiyah Ramajayam College of Engineering and Technology
226.	14.08.13	DERANGULA RAJA	Short Film	Participated in the event “Short Film” “ATRUMS-13 Ponnaiyah Ramajayam College of Engineering and Technology
227.	10 th & 11 th August 2012	Abhishek Jaiswal	Workshop	National level Workshop ANGEL College of Engineering and Technology Tirupur
228.	30 th & 31 st August 2012	Alok Kumar	Workshop	National level Workshop NIMHANS Convention Centre, Bengaluru
229.	31 st August & 1 st September 2012	1.Abhishek Jaiswal 2.Jaywardhan Kumar	Poster Presentation	Symposium event ‘MILINA’12’ Shri Angalamman College of Engineering and Technology ,Trichy

230.	6 th & 7 th September 2012	Abhishek Jaiswal	Paper Presentation	Symposium SHOCKLEY V 12.1 PARK College of Engineering and Technology, Coim batore
231.	5 th & 6 th September 2 012	1.Sneha Paul 2.Sagarika Banswal 3.Amla Kumari 4.G.Gayathri 5.V.Saranya 6.Evelyn Juhi	Workshop	National level Workshop SRM University, Chennai
232.	7 th & 8 th September 2 012	1.C.Sivaranjani 2.R.Renuka Devi 3.R.Mahalakshmi 4.S.Rudhraveni I	Workshop	National level Workshop SRM University, Chennai
233.	11 th & 12 th September 2 012	1.Jaywardhan Kumar 2.Kumar Ashish Naresh 3. Abhishek Jaiswal	Workshop	National level Workshop Alagappa Chettiyar College of Engineering and Technology
234.	18 th September, 2012	M.Dinesh	Paper Presentation	National level symposium P.R.Engineering College, Thanjavur
235.	21 st September, 2012	1.Sneha Paul 2. Arupma Manisha	Paper Presentation	National level symposium P.R.Engineering College, Thanjavur
236.	4 th October, 2012	1.Sneha Paul 2. Arupma Manisha	Paper Presentation	National level symposium Kings College of Engineering, Thanjavur
237.	7 th October 2012	1.M.Vasavi 2. Amla Kumari	Paper Presentation	National level symposium Ponnaiyah Ramajayam College of Engineering & Technology, Thanjavur
238.	18 th September, 2012	Shashank Dwivedi.	Workshop	National level Workshop SYSWAY Technologies

239.	21 – 23 Jan 13	Angad kumar baranwal	Workshop	National level Workshop Periyar Maniammai University
240.	31.01.13 & 1.02.13	1. Piyush Priye 2. Angad kumar baranwal	Workshop	National level Workshop University College of Engg., BIT Campus Trichy
241.	07.03.13	1. G.Saigeetha 2. M.Harini 3. B.Sudhanthira muthu 4. G.Sailakshmi	Paper Presentation	National conference Shri Angalamman college of Engineering & technology, Trichy
242.	07.03.13	1. Piyush Priye 2. Vigneshwar	Paper Presentation	International conference Thiruvalluvar College of engg & tech. Vandavasi
243.	05,06 th JAN 2012	Alok Kumar Vishal Burnwal Pawanj Kumar	Workshop	National level Workshop Shri Angalamman college of Engineering & technology, Trichy
244.	24&25 th Feb 2012	1.V.Saranya, 2.K.Priyanka,	Paper Presentation	National level symposium Sri Manakula Vinayagar Engg college
245.	February 2012	1.Sumit Prakash, 2.V.Alan Immanuel Benjamin	Paper Presentation	National level symposium event “I SPEAK” SASTRA University, Thanjavur
246.	2 nd & 3 rd March 2012	Abhishek Jaiswal	Paper Presentation	National level symposium BHARATHIYAR College of Engineering and Technology ,Karaikal
247.	2 nd & 3 rd March 2012	Abhishek Jaiswal Ravi Ranjan	Workshop	National level Workshop BHARATHIYAR College of

				Engineering and Technology ,Karaikal
248.	8 th -10 th March 2012	1. Saranya.V 2. K.Priyanka 3. B.Soorya 4. S.Suganya 5. Amla Kumari 6. M.Deepika Arupma Manisha 7. Shashank Dwivedi 8. Sneha Paul 9. V.Lavanya 10. Sagarika Banswal	Workshop	National level Workshop College of Engineering Guindy, Anna University, Chennai.
249.	8 th -10 th March 2012	1. Saranya.v 2. K.Priyanka 3. B.Soorya 4. Amla Kumari 5. M.Deepika Arupma Manisha 6. Shashank Dwivedi 7. Sneha Paul 8. Sagarika Banswal	Workshop	National level Workshop College of Engineering Guindy, Anna University, Chennai.
250.	8 th -10 th March 2012	1. Shashank Dwivedi 2. Jaganathan	Workshop	National level Workshop College of Engineering Guindy, Anna University, Chennai.
251.	07.0313	1. Piyush Priye 2. Vigneshwar	Paper Presentation	International conference Thiruvalluvar College of engg & tech. Vandavasi
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING				
252.	30.01.2015 to 1.02.2015	O.K.NAVEEN NEHRU	QT workshop	Vortex 2015 – National Level Technical Symposium

				organized by NIT , Trichy
253.	30.01.2015 to 1.02.2015	P.PAVITHRA	QT workshop	Vortex 2015 – National Level Technical Symposium organized by NIT , Trichy
254.	30.01.2015 to 1.02.2015	S.AKSHAYA	QT workshop	Vortex 2015 – National Level Technical Symposium organized by NIT , Trichy
255.	30.01.2015 to 1.02.2015	S.MANIRATHNAM	QT workshop	Vortex 2015 – National Level Technical Symposium organized by NIT , Trichy
256.	30.01.2015 to 1.02.2015	M.AISHWARYA	QT workshop	Vortex 2015 – National Level Technical Symposium organized by NIT , Trichy
257.	30.01.2015 to 1.02.2015	S.VINODHINI	QT workshop	Vortex 2015 – National Level Technical Symposium organized by NIT , Trichy
258.	28.1.2015 To 29.01.2015	O.K.NAVEENNEHRU	Technical & Non technical events	COMP 15 - National Level Technical Symposium organized by Bharathidasan Institute of Technology, AnnaUniversity,Trichy
259.	28.1.2015 To 29.01.2015	S.SOLLARASAN	Photography	COMP 15 - National Level Technical Symposium organized by Bharathidasan

				Institute of Technology, AnnaUniversity,Trichy
260.	28.1.2015 To 29.01.2015	VIVEK SINGH	Technical & Non technical events	COMP 15 - National Level Technical Symposium organized by Bharathidasan Institute of Technology, AnnaUniversity,Trichy
261.	28.1.2015 To 29.01.2015	RENGASWAMY .K	Technical & Non technical events	COMP 15 - National Level Technical Symposium organized by Bharathidasan Institute of Technology, AnnaUniversity,Trichy
262.	28.1.2015 To 29.01.2015	ASUTOSH KUMAR ROUSHAN	Technical & Non technical events	COMP 15 - National Level Technical Symposium organized by Bharathidasan Institute of Technology, AnnaUniversity,Trichy
263.	28.1.2015 To 29.01.2015	SIVAKUMARA N V	Technical & Non technical events	COMP 15 - National Level Technical Symposium organized by Bharathidasan Institute of Technology, AnnaUniversity,Trichy
264.	28.1.2015 To 29.01.2015	O.K.NAVEENNE HRU	QWERTY – Computer Keyboard Typing contest	COMP 15 - National Level Technical Symposium organized by

				Bharathidasan Institute of Technology, AnnaUniversity,Tr ichy
265.	28.1.2015 To 29.01.2015	S.ARAVINDSA MY	Photoshop	COMP 15 - National Level Technical Symposium organized by Bharathidasan Institute of Technology, AnnaUniversity,Tr ichy
266.	28.1.2015 To 29.01.2015	ASUTOSH KUMAR ROUSHAN & RENGASAMI	IQ –PEDIA Quiz	COMP 15 - National Level Technical Symposium organized by Bharathidasan Institute of Technology, AnnaUniversity,Tr ichy
267.	10.1.2015	P.SARATH KUMAR	Mind Crusher	VarIT -2K15 – Inter Collegiate Technical Symposium organized by Jamal Mohamed College, Trichy
268.	10.1.2015	P.SARATH KUMAR	Xpress Your Gadget	VarIT -2K15 – Inter Collegiate Technical Symposium organized by Jamal Mohamed College, Trichy
269.	10.1.2015	ARAVINDSAMI A	Web Designing	VarIT -2K15 – Inter Collegiate Technical Symposium organized by Jamal Mohamed College, Trichy
270.	22.06.2015 to 26.6.2015	R.ARUL MOZHI	Fundamental Of Telecom	Summer/Vocation al Training organized by

				BSNL, Thanjavur
271.	22.06.2015 to 26.6.2015	K.RAMYA	Fundamental Of Telecom	Summer/Vocation al Training organized by BSNL, Thanjavur
272.	May 2015 to Jun 2015	VIVEK SINGH	C & PHP with MYSQL	Software Training & Development organized by Naresh Technologies, Hyderabad
273.	May 2015 to Jun 2015	ASUTOSH KUMAR ROUSHAN	C -Language	Software Training & Development organized by Naresh Technologies, Hyderabad
274.	30.01.2015 to 1.02.2015	RAMYA. K	Game Development Workshop	Pravega – 2015 organised by IISC Bangalore
275.	10.1.2015	TEAM OF 2012- 16 & 2013-17 BATCH STUDENTSS	Technical & Nontechnical Events	VarIT -2K15 – Inter Collegiate Technical Symposium organized by Jamal Mohamed College, Trichy
276.	Jul 2013	ASUTOSH KUMAR ROUSHAN & VIVEK SINGH	Workshop on Mobile Application	UBERTECH '13 organised by SRM University, Chennai

EXTENTION ACTIVITES ORGANISED BY NSS UNIT

S. NO	NATURE OF THE ACTIVITY	PLACE	MONTH & YEAR
1	INDEPENDENCE DAY	UNIVERSITY PREMISES	AUG-10
2	SADBHAVANA DIWAS	UNIVERSITY PREMISES	AUG-10
3	BLOOD DONOR'S DAY	UNIVERSITY PREMISES	NOV-10
4	FREE DEEPAVALI DRESS DISTRIBUTION TO 1,000 POOR CHILDREN	UNIVERSITY PREMISES	NOV-10
5	FREE HOSPITAL FACILITY PROVIDED FOR THE BENEFIT OF THE POOR PEOPLE	NATARAJAPURAM, THANJAVUR	JAN-11
6	REPUBLIC DAY	UNIVERSITY PREMISES	JAN-11
7	BLOOD DONATION CAMP	UNIVERSITY PREMISES	JAN-11
8	AWARENESS ON DISASTER MANAGEMENT	ALAKUDI	FEB-11
9	SAFETY & FIRST AID TRAINING	ALAKUDI	FEB-11

10	VETERINARY CAMP	ALAKUDI	FEB-11
11	FREE EYE CAMP	ALAKUDI	FEB-11
12	MEDICAL CAMP	ALAKUDI	FEB-11
13	BLOOD IDENTIFICATION CAMP	ALAKUDI	FEB-11
14	PLANTATION	ALAKUDI	FEB-11
15	ROAD SAFETY PROGRAMME	CHITHIRAKKUDI	FEB-11
16	FREE MEDICAL CAMP BY Dr.R.SELVAKUMAR	CHITHIRAKKUDI	FEB-11
17	VETERINARY CAMP BY Dr.SARAVANAN	CHITHIRAKKUDI	FEB-11
18	YOGA AND MEDITATION PROGRAMME	CHITHIRAKKUDI	FEB-11
19	FREE DENTAL CAMP BY Dr.RAJAMOHAN	CHITHIRAKKUDI	FEB-11
20	PLANTATION	CHITHIRAKKUDI	FEB-11
21	TEMPLE CLEANING & PLANTATION	ADANCHUR	MAR-11
22	AWARENESS PROGRAM ON ENVIRONMENTAL CLEANLINESS	ADANCHUR	MAR-11
23	VETERINARY CAMP	ADANCHUR	MAR-11
24	IMPORTANCE OF DRINKING WATER	ADANCHUR	MAR-11
25	TEMPLE CLEANING AND SAMPLING PLANTATION	KANDAMANGALAM	MAR-11
26	AWARENESS ON YOGA	KANDAMANGALAM	MAR-11
27	ERADICATION OF PLASTIC FROM ENVIRONMENT	KANDAMANGALAM	MAR-11
28	MEDICAL CAMP	KANDAMANGALAM	MAR-11
29	SPECIAL CAMP ON DEADDICTION	KANDAMANGALAM	MAR-11
30	AWARENESS ON ACCIDENT PREVENTION	KANDAMANGALAM	MAR-11
31	FREE RO WATER PLANT INSTALLATION THIRUVAIYARU HR. SEC. SCHOOL	THIRUVAIYARU	APR-11
32	TOBACCO CESSATION AWARENESS PROGRAMME	VALLAM	AUG-11
33	INDEPENDENCE DAY	UNIVERSITY PREMISES	AUG-11
34	DISASTER AWARENESS PROGRAMME	THANJAVUR	AUG-11
35	BLOOD DONATION CAMP	UNIVERSITY PREMISES	SEP-11
36	LEADERSHIP DEVELOPMENT PROGRAMME	UNIVERSITY PREMISES	SEP-11
37	FREE DEEPAVALI DRESS DISTRIBUTION TO 1,000 POOR CHILDREN	UNIVERSITY PREMISES	OCT-11
38	VOTER'S DAY AWARENESS	UNIVERSITY PREMISES	NOV-11
39	SESSION ON BANKING EXAM PREPARATION	UNIVERSITY PREMISES	DEC-11
40	BLOOD DONATION CAMP	UNIVERSITY PREMISES	JAN-12
41	REPUBLIC DAY	UNIVERSITY PREMISES	JAN-12
42	CLEANING WORK AT VISHNU TEMPLE	NADUCAVERY	JAN-12
43	AWARENESS PROGRAMME ON BLOOD DONATION	UNIVERSITY PREMISES	FEB-12
44	VETERINARY CAMP	CHITHIRAKKUDI	FEB-12

45	USAGE AND CONSERVATION OF WATER RESOURCES	CHITHIRAKKUDI	FEB-12
46	FREE EYE CHECK UP CAMP	CHITHIRAKKUDI	FEB-12
47	BLOOD DONATION CAMP	CHITHIRAKKUDI	FEB-12
48	SAMPLING PLANTATION	CHITHIRAKKUDI	FEB-12
49	SEMINAR ON GREATNESS OF WOMEN	UNIVERSITY PREMISES	MAR-12
50	WOMEN'S HEALTH CARE SEMINAR	UNIVERSITY PREMISES	MAR-12
51	FREE MEDICAL TREATMENT FOR HEAD INJURY TO ONE POOR STUDENT	THANJAVUR	MAR-12
52	INDEPENDENCE DAY	UNIVERSITY PREMISES	AUG-12
53	WORKSHOP ON STRESS MANAGEMENT	UNIVERSITY PREMISES	SEP-12
54	SELF CONFIDENCE – SEMINAR	UNIVERSITY PREMISES	SEP-12
55	YOUTH HEALTH MELA	TRICHY	SEP-12
56	DENGUE AWARENESS PROGRAMME	VALLAM	OCT-12
57	WORKSHOP ON MEDICINAL PLANTS	UNIVERSITY PREMISES	OCT-12
58	BLOOD DONATION CAMP	UNIVERSITY PREMISES	NOV-12
59	FREE DEEPAVALI DRESS DISTRIBUTION TO 1,000 POOR CHILDREN	UNIVERSITY PREMISES	NOV-12
60	AIDS AWARENESS CAMP	UNIVERSITY PREMISES	JAN-13
61	REPUBLIC DAY	UNIVERSITY PREMISES	JAN-13
62	NATIONAL VOTER'S DAY	UNIVERSITY PREMISES	JAN-13
63	CENSUS SURVEY	SELLAPPANPETTAI	FEB-13
64	FREE MEDICAL CAMP	SELLAPPANPETTAI	FEB-13
65	VETERINARY CAMP	SELLAPPANPETTAI	FEB-13
66	ROAD SAFETY MANAGEMENT	SELLAPPANPETTAI	FEB-13
67	SCHOOL CLEANING	SELLAPPANPETTAI	FEB-13
68	PLANTATION	SELLAPPANPETTAI	FEB-13
69	FIRST AID TRAINING	SELLAPPANPETTAI	FEB-13
70	BASIC COURSE ON DRAWING	ARSUTHIPATTU	MAR-13
71	EYE CAMP	ARSUTHIPATTU	MAR-13
72	TEMPLE CLEANING ACTIVITY	ARSUTHIPATTU	MAR-13
73	PUBLIC SANITATION AWARENESS CAMP	PANAYKOTTAI	MAR-13
74	VETERINARY CAMP	PANAYKOTTAI	MAR-13
75	PLANTATION	PANAYKOTTAI	MAR-13
76	PERSONAL HYGIENE AWARENESS CAMP	SADAYARKOIL	MAR-13
77	DENTAL CAMP	SADAYARKOIL	MAR-13
78	DISASTER LITERACY PROGRAMME WAS CONDUCTED BY Mr.DURAI MANICKAM	VANNARAPPETTAI	MAR-13
79	ROAD SAFETY MANAGEMENT	VANNARAPPETTAI	MAR-13
80	CULTURAL & SPORTS FOR SCHOOL CHILDREN	VANNARAPPETTAI	MAR-13
81	HEALTH CAMP WAS CONDUCTED BY Dr.ELAMARAN	VANNARAPPETTAI	MAR-13

82	FREE EYE CHECK UP CAMP	VANNARAPPETTAI	MAR-13
83	HEALTHY YOUTH FOR HEALTHY INDIA - CAMP	NORTH SETHI – VALLAM	MAR-13
84	TEMPLE CLEANING	NORTH SETHI – VALLAM	MAR-13
85	PLANTATION	NORTH SETHI – VALLAM	MAR-13
86	ERADICATION OF PLASTICS	NORTH SETHI – VALLAM	MAR-13
87	DISASTER MANAGEMENT AWARENESS PROGRAMME	NORTH SETHI – VALLAM	MAR-13
88	INDEPENDENCE DAY	UNIVERSITY PREMISES	AUG-13
89	SADHBAVANA DAY	UNIVERSITY PREMISES	AUG-13
90	TEMPLE CLEANING	MELATHIRUPPANTHURUTHI	AUG-13
91	BLOOD DONATION CAMP	UNIVERSITY PREMISES	AUG-13
92	COMMUNAL HARMONY DAY	ARSUTHIPATTU	SEP-13
93	AWRENESS ON STRESS	UNIVERSITY PREMISES	SEP-13
94	FREE DEEPAVALI DRESS DISTRIBUTION TO 1,000 POOR CHILDREN	UNIVERSITY PREMISES	OCT-13
95	NATIONAL YOUTH DAY	UNIVERSITY PREMISES	JAN-14
96	REPUBLIC DAY	UNIVERSITY PREMISES	JAN-14
97	BLOOD DONATION CAMP	KUMBAKONAM	JAN-14
98	NATIONAL VOTERS DAY	UNIVERSITY PREMISES	JAN-14
99	VETERINARY CAMP	PANAYAKOTTAI	JAN-14
100	STREET CLEANING ACTIVITY	PANAYAKOTTAI	JAN-14
101	SPECIAL CAMP ON ACUPUNCTURE	PANAYAKOTTAI	JAN-14
102	EYE CAMP	PANAYAKOTTAI	JAN-14
103	TEMPLE CLEANING ACTIVITY	PANAYAKOTTAI	JAN-14
104	RIGHT TO VOTE – AWARENESS CAMP	PANAYAKOTTAI	JAN-14
105	PROGRAM ON HEALTH & LONGEVITY OF LIFE	PANAYAKOTTAI	JAN-14
106	SAMPLING PLANTATION	PANAYAKOTTAI	JAN-14
107	DENTAL CHECK UP CAMP	PANAYAKOTTAI	JAN-14
108	FREE EYE CHECK UP	VAIRAPERUMALPATTI	FEB-14
109	CENSUS SURVEY	VAIRAPERUMALPATTI	FEB-14
110	GENERAL MEDICAL CAMP	VAIRAPERUMALPATTI	FEB-14
111	AWARENESS ON WOMEN HYGIENE	VAIRAPERUMALPATTI	FEB-14
112	TEMPLE & SCHOOL PREMISES CLEANING	VAIRAPERUMALPATTI	FEB-14
113	PLANTATION	VAIRAPERUMALPATTI	FEB-14
114	BLOOD DONATION CAMP	UNIVERSITY PREMISES	FEB-14
115	FREE EYE CAMP WAS CONDUCTED BY LIONS CLUB	CHELLAPPANPETTAI	FEB-14
116	BLOOD CHECK UP CAMP WAS CONDUCTED BY INDIAN RED CROSS	CHELLAPPANPETTAI	FEB-14
117	VETERINARY CAMP WAS CONDUCTED BY Dr.PRAKASH KIRUBAKARAN	CHELLAPPANPETTAI	FEB-14

118	POPULATION SERVEY	CHELLAPPANPETTAI	FEB-14
119	YOGA TRAINING FOR SCHOOL CHILDREN	CHELLAPPANPETTAI	FEB-14
120	AIDS & TB AWARENESS RALLY	CHELLAPPANPETTAI	FEB-14
121	FREE HEALTH CAMP FOR WOMEN WAS CONDUCTED BY Dr.RATHIKA MICHEL	CHELLAPPANPETTAI	FEB-14
122	PUBLIC AWARENESS	UNIVERSITY PREMISES	FEB-14
123	BLOOD DONATIONCAMP – ROAD SAFETY WEEK	KUMBAKONAM	FEB-14
124	CAMPUS CLEANING	UNIVERSITY PREMISES	FEB-14
125	WOMEN’S DAY CELEBRATIONS	UNIVERSITY PREMISES	MAR-14
126	SEMINAR ON CONSUMERISM	UNIVERSITY PREMISES	MAR-14
127	VOTER’S DAY OATH CEREMONY	UNIVERSITY PREMISES	MAR-14
128	PLANTATION	MUNNAYAMPATTI	MAR-14
129	INTERNATIONAL DAY OF YOGA	UNIVERSITY PREMISES	JUNE-15
130	CLEANING WORK	PRPS SCHOOL, THANJAVUR	JUNE-15
131	CAMPUS CLEANING	UNIVERSITY PREMISES	JULY-15
132	YOGA TRAINING PROGRAMME	PRPS SCHOOL, THANJAVUR	JULY-15
133	INTERNATIONAL YOUTH DAY	UNIVERSITY PREMISES	JULY-15
134	DIGITAL INDIA PROGRAMME – A SEMINAR IN INTERNET ON THINGS	UNIVERSITY PREMISES	AUG-15
135	INDEPENDENCE DAY CELEBRATIONS	UNIVERSITY PREMISES	AUG-15
136	BLOOD DONATION CAMP	UNIVERSITY PREMISES	AUG-15

EXTENSION ACTIVITIES ORGANISED BY RED CROSS

S. no	Date	Title of the Programme	Number of the Students
1	6.2.15	Inauguration and Blood Donation Camp	40
2	3.3.15	First Aid Training Programme	70
3	11.3.15	First Aid Certificate Programme	53
4	24.7.15	Clean India Cleaning Work at Prist University	42
5	19.8.15	Blood Donation Camp	45

DETAILS OF CULTURAL ACTIVITIES ORGANIZED

S.No	Date	Name of the Event	Number of Participants
01.	18.03.11	National cultural meet	268
02.	09.03.2012	Woman’s day cultural fest	134

03.	12.03.2010	Woman's day cultural fest	76
04.	22.08.2009	La Illuminati	189
05.	08.03.2013	Woman's day cultural fest	87
06.	08.03.2014	Woman's day cultural fest	93

STUDENTS PARTICIPATION IN CULTURAL ACTIVITIES

S. no	Date	Name of the Student	Name of the Event	Title of the Programme	Organising Institution
1	09.09.12	1. Abirami 2. Vidhya varshini	Dump Charat	Festember	National Institute of Technology, Trichy
2	08.06.13	1.Krishnapriya 2.Gayathri Saranya	Ragamalika	Music Concert	Raj TV NETWORKS
3	22.03.14	1.Neil Dannis 2.Mohameed Waseem 3.Senthilnathan	Mime	Kurusastra	SASTRA University, Thanjavur
4	12.08.14	1.Kirubakaran 2.Vinoth kumar	Light Music	Acul Fes	AC TECH Karaikudi
5	23.03.14	1.Thilakar 2.Jaisankar 3.Velmurugan	Photography And Videography	Kurusastra	SASTRA University, Thanjavur
6	20.8.15	1.Dhanush 2.Krishnakumar 3.Shakil Ahmed	Short Film	Gurusastra	SASTRA University, Thanjavur
7	4.9.14	1.Benitic Darwin.G 2.Amritshyan 3.Praveen	Group Dance	Black & White	Parisutham Institute Of Technology

		Kumar			
8	4.2.13	1.Sangwase Dauid 2. M.Vignesh	Group Dance	Black &White	Parisutham Institute Of Technology
9	11.02.20 12	J.Evelyn Juhi,	Group Dance	Yuva 2012	Shrimathi Indra Gandhi College, Trichy
10	11.02.20 12	Prashant Kumar Mishra	Short Film	Yuva 2012	Shrimathi Indra Gandhi College, Trichy
11	11.02.20 12	Alan Immanuel Benjamin	Light Music	Yuva 2012	Shrimathi Indra Gandhi College, Trichy
12	11.02.20 12	M.Keerthika	Rangoli	Yuva 2012	Shrimathi Indra Gandhi College, Trichy
13	11.02.20 12	S.Shakul Hameed V.Palaniappa n G.Gayathri Priyanka	Dumbsharads	Yuva 2012	Shrimathi Indra Gandhi College, Trichy
14	11.02.20 12	Vishal Burnawal Shashank Dwivedi	<i>Kavidhai</i>	Yuva 2012	Shrimathi Indra Gandhi College, Trichy
15	11.02.20 12	Prashant Kumar Mishra Tilak Raj Rakesh Das Ashwini Kumar Pandey Pawan Kumar Gaurav A.Balaji Vishal Burnwal	Fashion Parede	Yuva 2012	Shrimathi Indra Gandhi College, Trichy
16	11.02.20 12	Shashank Dwivedi	<i>Mime Skit</i>	Yuva 2012	Shrimathi Indra Gandhi College, Trichy

17	11.02.2012	G.Gayathri	RJ hunt	Yuva 2012	Shrimathi Indra Gandhi College, Trichy
18	24-26.02.2014	Sumit Prakash	ISPEAK	DAKSH2012	SASTRA UNIVERSITY, Thanjavur
19	24-26.02.2014	Alan Immanuel Benjamin	ISPEAK	DAKSH2012	SASTRA UNIVERSITY, Thanjavur
20	Jan 2012	Shashank Dwivedi	Poetry(English)	State Level	Vidiyal Arts and Cultural Academy, Madurai
21	Jan 2012	Shashank Dwivedi	Essay Writing (English)	State Level	Vidiyal Arts and Cultural Academy, Madurai
22	12.09.2012	Dinesh	LAN Gaming(NFS MW)	Renaissance 2K12	P.R.Engg. College, Thanjavur
23	August 2013	T.Dhivya	Essay Writing(Tamil)	Ilakkia Thenral Virudhu 2013	Kaviarasar Kalai Tamil Sangam, Namakkal.
24	August 2013	M.Priyadarshini	Drawing	Oviya Sudarmani Virudhu 2013	Kaviarasar Kalai Tamil Sangam, Namakkal.
25	07.03.2014	M.Suganya	Need For Speed	PICTEM'14	Perunthalavar Kamarajar Institute of Engg. & Tech, Karaikal.
26	07.03.2014	S.Rudhraveni	Need For Speed	PICTEM'14	Perunthalavar Kamarajar Institute of Engg. & Tech, Karaikal.
27	07.03.2014	R.Mahalakshmi	Need For Speed	PICTEM'14	Perunthalavar Kamarajar Institute of Engg. & Tech, Karaikal.
28	2014-2015	Sheik Sadam Hussain.S	Solo Dance(2014-2015)	Cultural Fest	RDB Institute of management, Papanasam.
29	2014-2015	Rahamathulla .M	Song(2014-2015)	Cultural Fest	RDB Institute of management, Papanasam.

30	2014-2015	Balaji.B	Talent show(2014-2015)	Pushpamala	A.V.V.M.Sri Pushpam College,Poondi.
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5.3.2 Give details of the achievements of students in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. during the last four years.

ACHIEVEMENTS OF STUDENTS IN CO-CURRICULAR ACTIVITIES

S. No	Name of the Student	Event Participated	Organising Institution	Achievement
Commerce				
1.	Najla Noor Mohamed	Best Manager(2014-2015)	Barath Institution Of Management,Thanjavur.	Winner
2.	Harish.M	Business Quiz(2014-2015)	Barath Institution Of Management,Thanjavur.	Winner
3.	Balaji.B	Business Quiz(2014-2015)	Barath Institution Of Management,Thanjavur.	Winner
4.	Najla Noor Mohamed	Extempore Speech(2014-2015)	RDB Institute Of Management, Papanasam.	First prize
5.	Rifaiye Fazil.H	Product Launch(2014-2015)	A.V.V.M.Sri Pushpam College,Poondi.	Runner
6.	Mohamed Aasath.A	Product Launch(2014-2015)	A.V.V.M.Sri Pushpam College,Poondi.	Runner
7. Computer Science				
8.	G.Raja	Surprise Event	Vysya College, Salem	First prize
9.	L.Kesavavinayagaraj	Visual WITS	Vysya College, Salem	Second prize
10.	S.Saravanan	Visual WITS	Vysya College, Salem	Second prize
11.	A.Amarnath	ADROIT	Anjalai Ammal Mahalingam	First prize

			Engineering College - Kovilveni	
12.	G.Raja	ADROIT	Anjalai Ammal Mahalingam Engineering College - Kovilveni	First prize
13.	R.Gayathri	Mind Screwer	Bon Secors College, Thanjavur	Second prize
14.	M.Elakkani	Mind Screwer	Bon Secors College, Thanjavur	Second prize
Mechanical				
15.	Arun siddharth	Paper Presentation	P.R College Of Engineering And Technology	First prize
16.	Chandrakanth	Paper Presentation	P.R College Of Engineering And Technology	Third prize
17. S e c o n d p r i z e	Abhishek anand	Robo Calypse	Sardhar Vallabai Patel National Institute Of Technology	First prize
18.	Amit Kumar	Robo wars	Sardhar Vallabai Patel National Institute Of Technology	First prize
19.	Chandra Kani	Quiz	National Engineering College	Second prize
20.	Sathya .A	Parachute Making	Mount Zion College Of Engineering	Third prize
21.	Arul Prakash	Paper Presentation	Sengunthar Engineering College	Second prize
22.	Saravanan.C	Paper Presentation	Sri Krishna College Of Engineering And Technology	Second prize

23.	Ruban Andrewnicus	Paper Presentation	Sri Krishna College Of Engineering And Technology	Second prize
24.	Saravanan.S	Paper Presentation	Sri Krishna College Of Engineering And Technology	Second prize
Management Studies				
25.	S.A.Abul kalam	HR FEST	St. Josephs College Trichy	First prize
26.	ALEFA JOHN. S	ROYINNO	St. Josephs Engineering	First prize
27.	Sruthi	AVEEVA	Avvm Sri Pushpam College	First prize
28.	P.Prabhakaran	Repowis	Kongu Engineering College	Third prize
29.	P.Prabhakaran	Repowis	Kongu Engineering College	Third prize
30.	T.M.Balaji	BEST CEO	Rdb Collge Of Arts And Science	First prize
31.	G. RAKESH Umesh Prabhakar	STOCK WAR	Kongu College Of Engineering	Second prize
32.	Mohammed Salman Feroz Khan	BUSINESS QUIZ	Bharat College	Second prize
33.	Divya	INTELLECT'15	Dr.S.N.S. Rajalakshmi Institute Of Management	First prize
Computer science engineering				
34.	S.Sollarasan	Photography	Bharathidasan Institute of Technology, AnnaUniversity, Trichy	winner
35.	O.K.Naveennehru	QWERTY – Computer Keyboard Typing contest	Bharathidasan Institute of Technology, AnnaUniversity, Trichy	Second Prize
36.	S.Aravindsamy	Photoshop	Bharathidasan Institute of Technology, AnnaUniversity, Trichy	First Prize
37.	Asutosh Kumar Roushan	IQ –PEDIA Quiz	Bharathidasan Institute of	Second Prize

	& Rengasami		Technology, AnnaUniversity, Tri chy	
38.	P.Sarath Kumar	Xpress Your Gadget	Jamal Mohamed College, Trichy	Second Prize
39.	Aravindsami A	Web Designing	Jamal Mohamed College, Trichy	Winner

5.3.3 Does the university conduct special drives / campaigns for students to promote heritage consciousness?

Yes.

The University NSS Cell has arranged for student visits to the heritage places with an aim to promote heritage consciousness among the students. Heritage places like Big Temple (Thanjavur) Gangai Konda Cholapuram, Dharasuram, Manora (Pattukottai) etc., to bring awareness.

5.3.4 How does the university involve and encourage its students to publish materials like catalogues, wall magazines, college magazine, and other material? List the major publications/ materials brought out by the students during the last four academic sessions.

The students are encouraged to involve themselves in publishing Newsletter wall magazines etc.

Moreover, students are involved in the preparation of department placement brochures.

Some of the titles of newsletters / magazines brought out by involving the students are as follows:

School	Title of Newsletter
School of Engineering Technology	PRIST Newsletter
School of Commerce and Business Management	PSB Shadow

5.3.5 Does the university have a Student Council or any other similar body? Give details on its constitution, activities and funding.

The University is having a student cabinet with members represented by girls students also.

The student cabinet is guided by the president in the rank of a Dean.

The following is the structure of the student cabinet.

- President – Dean
- Ministry for Academic Assessment
- Ministry for facilities
- Ministry for Environment in the Campus cleanlyless
- Ministry for Sports and Cultural programmes.
- Ministry for Grievances
- Ministry for infrastructure
- Ministry for Training & Placement, public relations.

Students discipline and activity are coordinated through the Student Cabinet the cabinet functions under the directions of the Chairman. It is the responsibility of the Student Cabinet to uphold academic standards, aim at excellence in all their activities and their programmes, in keeping with the objectives and vision of the University.

Executive Student members periodically meet to coordinate projects, said goals and discuss the needs of the student community.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them. Also provide details of their activities.

The following academic and administrative bodies have student representatives.

1. Academic Council

The student representatives of the academic council participate in the meetings of the academic council and highlight the academic and other issues related to their programmes of study.

2. Class Committee

The student representatives of the class committee participate in the monthly class committee meetings and highlight their class related issues and academic requirements.

3. Department Academic Committee

The student representatives of the Department Academic Committee participate in the meetings of the committee and highlight issues related to curriculum, teaching and learning

methods.

4. Library Advisory Committee

The student representatives of the Library Advisory Committee participate in the meetings of the committee and highlight the students requirements with regard to the library infrastructure.

5. Extra Curricular activities Coordination Committee

The student representatives of the Extra Curricular activities Coordination Committee participate in the meetings of the committee and express their views for their effective involvement in the extracurricular activities.

6. Extension activities Coordination Committee

The student representatives of the Extension activities Coordination Committee participate in the meetings of the committee and express their views for their effective involvement in Extension activities Coordination Committee.

7. Student Grievance Redressal Cell

The student representatives of the Student Grievance Redressal Cell participate in the meetings of the committee and suggest measures for speedy redressal of student grievances.

8. Student Welfare Committee

The student representatives of the Student Welfare Committee participate in the meetings of the committee and suggest student welfare measures to be undertaken.

9. Differently Abled Students Welfare Committee

The List of differently abled Students admitted in the various academic programmes offered by the University will be forwarded by the Directorate of Admissions to the Coordinator of Differently Abled Students Welfare Committee.

The Differently Abled Students Welfare Committee will interact with differently abled students periodically to identify the problems encountered by them, if any, and arrange for necessary remedial measures. Moreover, the Differently Abled Students Welfare Committee will also monitor the academic progress of the differently abled to students in the class test, semester examination and recommend to the HOD concerned to arrange for some special coaching programme for them.

10. Disadvantaged Community Student Welfare Committee

The student representatives of the Disadvantaged Community Student Welfare Committee participate in the meetings of the committee and highlight in the main problems faced by the Disadvantaged Community.

11. Women Welfare Committee

The student representatives of the Women Welfare Committee participate in the meetings of the committee and suggest women welfare measures that may be considered by the committee.

12. Anti Ragging Committee

The student representatives of the Anti Ragging Committee participate in the meetings of the committee and suggest measures for making the campus to be ragging free.

Any other information regarding Student Support and Progression which the university would like to include.

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 State the vision and the mission of the university.

Vision :

To be internationally recognized Institution for its excellence of academic programmes, for its high quality teaching across a broad range of disciplines, for its efforts in promoting world class research and for its community service in making quality and flexible higher education to reach wider community.

Mission:

1. To dedicate to the communication, expansion and integration of knowledge through excellent undergraduate education as its primary priority and complementary excellent post graduate academic programmes.
2. To offer quality professional education opportunities which are accessible, flexible and borderless.
3. To have a distinct academic approach that emphasizes professional education fosters high achievement and promotes original inquiry, innovation and collaboration.
4. To make the Institution Campus as a Centre of Academic Excellence where high quality research and high quality teaching are mutually sustaining.
5. To develop graduates with ethical and moral values who may be positioned to meet the challenges of a rapidly changing world.
6. To create fulfilling experiences for all students based on commitment of skilled and caring teaching faculty.
7. To aspire to contribute to our nation's economic growth, social development and sustainability.

6.1.2 Does the mission statement define the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, the institution's tradition and value orientations, its vision for the future, etc.?

Yes.

The Institutions' distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, that the institution's tradition and value orientations, its vision for the future are defined by the Mission Statement of the University.

The mapping between University Mission Statements and Institution's distinctive characteristics is as follows:

Mission Statement No. →	1	2	3	4	5	6	7
Institution's characteristics ↓							
Needs of the society		√	√	√	√		√
Students it seeks to serve	√					√	
Institution's Tradition			√			√	
Value Orientations				√	√		
Vision for the future		√			√		√

6.1.3 How is the leadership involved

The University is functioning as per the provisions of the MoA and rules of the University duly approved by UGC. The Vice Chancellor is the Chief Executive of the University. The University is governed by the Board of Management constituted as per the provisions mentioned in the University MoA approved by the UGC. The authorities of the University include statutory bodies like Academic Council, Finance Committee and Planning and Monitoring Board for which the Vice Chancellor is the Chairman. The MoA and rules of the University define the roles and responsibilities of various administrators in the University. The administrative structure of the University includes the Registrar, Controller of Examinations, Deans of Schools, Heads of Departments and Finance Officer.

➤ in ensuring the organization's management system development, implementation and continuous improvement?

The Board of Management of the University takes the responsibilities with regard to the academic, Financial / Physical Resources and overall development. The Board of Management is headed by an eminent educationist.

The academic council in the statutory body is chaired by the Vice Chancellor and having membership from the stakeholders of the University. The department Board of Studies will have membership from academic experts and industrial persons.

The Board of Studies reviews needs of the discipline and

recommends innovative academic programmes that may be offered by the University and changes in the curriculum.

The University Research Board is functioning under Chairmanship of Vice Chancellor which reviews the development of Research in the University and evolves strategies for quality management and advance in research.

The eminent personality Bhatnagar Awardee is included in the Research Board to further improve the research culture in the campus.

The Planning and Monitoring Board takes care of the Planning and Development of academic aspects, infrastructure and support services in the University.

➤ **in interacting with its stakeholders?**

The Management of the University creates an environment which provides easy access for its stakeholders to contact and interact.

The leadership of the University is having regular contact with all stakeholders and adhere to the system of collecting periodic feedback from all stakeholders and thereby identifies their problems and subsequently take necessary measures to resolve them.

The registered Parents Association as well as Alumni Association are functioning effectively and contribute towards the growth and development of the University.

The Management of the University participate in the events organised by faculty and staff. Regular University – Industry meets are organised by the Management. Moreover, eminent persons from the industry are nominated to the vital bodies. The executive committee of the Alumni Association is arranging for regular Alumni Association meeting.

➤ **in reinforcing a culture of excellence?**

The departments are organising National Level Seminars and symposium regularly. Faculty members and students are encouraged and motivated to participate in many National and International Level Seminars / Symposium / Conferences / Workshops.

Financial Assistance is provided in the students undertaking innovative projects. Fellowships are awarded to Dynamic Research Scholars. Innovative and best practices are being adopted in various spheres of activities.

➤ **in identifying organizational needs and striving to fulfill them?**

The organisational needs are being identified through regular interaction with different stakeholders. Suggestions are invited from Alumni, persons from Industry, employers and International Academic Experts and follow-up actions are taken to realise their suggestions towards the growth and development of the University. The emerging global needs are being identified by the Centre for International Relations through exchange of faculty, exchange of students and academic collaboration with internationally reputed universities.

6.1.4 Were any of the top leadership positions of the university vacant for more than a year? If so, state the reasons.

No

6.1.5 Does the university ensure that all positions in its various statutory bodies are filled and meetings conducted regularly?

Yes. The statutory bodies such as Board of Management, Academic Council, Planning and Monitoring Board, Finance Committee and Board of Studies meet regularly and thereby contribute towards the growth of the University.

6.1.6 Does the university promote a culture of participative management? If yes, indicate the levels of participative management.

The University promotes the culture of participative management by nominating faculty, staff and students in various statutory bodies and non-statutory committees. The Board of Management includes members from teaching faculty and staff. The academic Council has nominees from various stakeholders. The Board of Studies has nominees from outside academic experts and industry persons. At the department level monthly class committee meeting and meeting of department academic committee are being organised in order to enhance the quality of teaching and learning. IQAC -students chapter members meet periodically and contribute themselves to the process of quality enhancement in the University. Moreover, the University is regularly collecting feedback and suggestions from the different stakeholders and take prompt actions in fulfilling their suggestions. The students cabinet is functioning effectively.

- 6.1.7 Give details of the academic and administrative leadership provided by the university to its affiliated colleges and the support and encouragement given to them to become autonomous.**

Not applicable

- 6.1.8 Have any provisions been incorporated / introduced in the University Act and Statutes to provide for conferment of degrees by autonomous colleges?**

Not applicable

- 6.1.9 How does the university groom leadership at various levels? Give details.**

The Vice Chancellor, Registrar and Deans provide the leadership by taking initiatives for quality enhancement, by drafting plans and executing programmes design for the growth of the University. Periodic review meetings are conducted at various levels. At the department level class committee meetings are conducting regularly and department academic committee meets periodically to take initiatives for ensuring quality in designing the curriculum, teaching, learning and assessment.

Students and Research Scholars are provided with mentoring and training for imbibing the leadership quality. Students are involved in the process of organising National Level Seminars and Symposia in the Department.

- 6.1.10 Has the university evolved a knowledge management strategy? If yes, give details.**

Yes.

The University has evolved the Knowledge Management Policy which was duly approved by the Board of Management

The Role of Knowledge Management in University Management and Administration

University management involves a range of functions in which procedures for carrying out those functions are developed. Knowledge management has been linked to all these functions. Knowledge management initiatives like those focused on, for instance communities of practice and knowledge management - information technology based systems have been cited for their role in ensuring effective and efficient ways of facilitating

knowledge sharing among university staff.

Knowledge Management in Teaching and Learning

Teaching and learning are two sides of the same coin, where knowledge management has been cited as a critical tool. University staff in general and Lecturers in particular impart knowledge in their students through teaching. This function represents knowledge dissemination. Not only have universities introduced academic programmes for knowledge management but have also disseminated knowledge through the use of knowledge management tools in teaching and learning. Knowledge management technologies used for such purposes include among others, chat technologies, e-mail and wiki technology.

Within teaching and learning perspectives, e-learning has been another dimension in which knowledge management tools have been utilised. The use of knowledge management tools in teaching and learning has also been extended to the Lecturers who offer lectures to dispersed students.

Knowledge Management in Research

One of the major activities found in universities is the production of knowledge through research. In knowledge management terms, research is knowledge creation. Thus knowledge creation or research is done at various levels including undergraduate students, postgraduate students and consultancy by university staff. The value of this research cannot be over-emphasised, as at a higher level represents the “service” mission of universities through knowledge transfer to society. However managing the research process and outputs has become a challenge. This challenge has emanated from the availability of many players within the knowledge production sector, that is, both academic and non-academic institutions, as well as the value that society has placed on knowledge. Given this pressure, the management of academic research requires management processes like knowledge management to ensure “an appropriate context, structure and processes”.

Knowledge Management in Library

One of the units within universities that have identified the benefits of applying knowledge management in university operations are university libraries. There appears to be a lot of areas in which knowledge management can be applied in university libraries. One argument being advanced for the embracement of knowledge management in university activities in

general and libraries in particular, is the fact that Librarians have, for a long time, been pursuing knowledge management. However, an opportunity has emerged to extend their expertise not only limited to library functions but to all university functions.

The university is able to identify that knowledge management initiatives fall in the following categories:

- ***Best Practices***
- ***Virtual communities of Practice***
- ***Human resources management support***
- ***ICT based tools***

Moreover, to maintain knowledge retention in the University, the university has to take initiatives for knowledge assessment, knowledge acquisition and knowledge transfer. Taking into consideration the above fact the university has evolved the following Knowledge Management Strategies:

- *The management of scholarly resources;*
- *Information support services;*
- *Educational technologies and infrastructure to enhance teaching and learning;*
- *Transferable skills;*
- *Core infrastructure, information and communication technology services, and networking;*
- *New and emerging technologies;*
- *Administrative systems and processes.*
- *Meet increased user expectations for information access and support;*
- *Take advantage of new and emerging technologies;*
- *Stay competitive within the research and teaching sectors;*
- *Be more effective as a learning organisation;*
- *Work in partnership with the local communities;*
- *Recognise its responsibilities in a global society.*
- *Avoid wasteful duplication of resources;*
- *Eliminate silos of information, where possible;*
- *Avoid staff working with incomplete or out-dated information;*
- *Avoid loss of opportunity;*
- *Informed decision-making;*
- *Improve information literacy skills of the researcher, learner, administrator;*
- *Increase accessibility of recorded internal knowledge;*
- *Discover, use and share recorded worldwide (external) knowledge;*
- *Assess when integration of knowledge sources is appropriate.*

- *Improve conditions of service and employ young or new Lecturers on permanent basis to enhance their sense of belonging;*
- *Facilitate adequate support and motivation through improved work environments, provision of materials for teaching, and procurement of scientific research equipments;*
- *Facilitate incentives for further studies;*
- *Creating databases where all notes and course materials could be kept in soft and also hard copies organised on the basis of areas of specialisation;*
- *Documentation of innovative Teaching & Learning methods adopted by faculty.*
- *Organising University Popular Lecture Series.*
- *Holding workshops and seminars;*
- *Request academics to compile booklets (teaching materials, manuals) for the courses they teach, submission of dossiers annually reflecting experience on teaching methods, narrative, case book and recommendation and establishing good record keeping methods;*
- *Engaging departed staff as consultants, part-time employees or guest Lecturers;*
- *Encouraging team work, exchange programmes, understudy departing members of staff, recruitment of staff development fellows and encouraging experienced staff to transfer knowledge to the young academics.*

6.1.11 How are the following values reflected the functioning of the university?

▪ Contributing to national development

The University is contributing to the National development by way of generating quality human resource by imparting skills required from time to time to the students.

Also, the University is contributing to the progress of the society by means of knowledge dissemination and application of knowledge in all fronts. In the research front, the University has bagged several projects funded by Government of India funding agencies such as DST, DRDO, DBT etc. The output of these projects contributes to the national development.

▪ Fostering global competencies among students

The University has signed MOUs with International Universities. The academic experts from those International Universities used to visit the University periodically. During the

visit of International academic experts the students and research scholars have the opportunity to interact with them and thereby identify the ways and means for developing global competencies.

The Centre for International Relations is also arranging several programmes for students and research scholars with foreign faculty as resource persons. One International collaborative research project was sanctioned and is in progress. Moreover, the inclusion of representatives from reputed industry and National Level Research organisations in the Board of Studies pave the way for designing the curriculum and imparting trainings to the students to acquire the global competency skills.

- **Inculcating a sound value system among students**

The University is giving top most priority inculcating a sound value system among the students. Because of this reason only foundation courses on Value Education, Indian Constitution and Environmental Sciences have been included in the curriculum. Moreover, sound moral value inculcated among the students by involving them in activities like blood donation, environment cleanliness, tree plantation, adult education, village adoption, health camps, social awareness etc. For this purpose students have been motivated to become volunteers of NSS / YRC / RRB.

- **Promoting use of technology**

ICT oriented teaching methods are adopted by all departments. Every department having two ICT classrooms. Internet facility and Wi-fi connectivity are provided in the campus for the benefit of the faculty and students. Examination system is computerised. The administration of the University is being taken care by an exclusive ERP System. Smart class rooms have been deployed for adopting innovative teaching methods. Student related information are uploaded in the University website. e-content are made available to the students through internet facility. Centre for Virtual Education and NPTEL Workstation are made available to the students.

e-learning incubator is functioning in order to motivate and train the students to inculcate the habit of e-learning. The university library is maintaining digital library section and providing online facility to access e-book and e-journals through infolibnet. Language laboratories are made available to the students for developing their communication skill.

▪ **Quest for excellence**

The University has strong conviction and determination to give at most priority on providing excellence in curriculum, teaching, learning, assessment, research and community development.

For achieving excellence in curriculum, the university includes eminent academic experts from other reputed universities/research organisations and industry personalities as members to various Boards of Studies. Moreover, the University is having a meticulous system of collecting feedback on curriculum periodically from all its stakeholders including international academic experts. Besides, Workshops on curriculum and evaluation reforms are organised periodically. In order to achieve excellence in Teaching and Learning the University has established the Centre for Development of Teaching and Learning (CDTL) in the year 2010 and the centre has organised a number of workshops and training programmes for staff and students to adopt innovative teaching and learning methods. The Centre for Knowledge Management takes care to organise workshops and training programmes for staff to get exposure on applications of latest technology in teaching and learning. The Centre for Innovation, Incubation and Entrepreneurship Development is helpful in training the students to acquire entrepreneurship skills.

The achievement of excellence in assessment is made possible because of the care and concern taken by the University to go for examination reforms continuously.

In order to achieve excellence in the field of research, the university has established the Centre for Research and Development even in the year 2008, year of inception of this university. The university is recognised as SIRO by DSIR, Government of India, because of the substantial efforts taken by the Centre for Research and Development. The university is able to get number of research projects sanctioned by funding agencies, such as DRDO, DST, DBT, WNRD etc. Besides, the University Research Board with eminent persons like the Bhatnagar Awardee Dr. Venkatamohan as members takes care of achieving excellence in research. The University is also getting continuous alumni support for providing additional infrastructure and facilities for teaching and research.

The University has also signed MOU's with foreign Universities such as

- Myongi University- South Korea,
- South Dakota School of Mines and Technology,
- Pusan National University, South Korea,
- The University of Information Technology and Management in Rzeszow, Poland,
- Anglia Ruskin University, UK,
- London School of Business Management (LSBM),
- Foyle Language School, Northern Ireland, UK,
- Amercian University in the Emirates

towards staff exchange, students exchange and research collaboration, thereby facilitate the university to get a global identity and recognition.

Moreover, the university has adopted a well structured and scientific Quality Management System following ISO 9001:2008 standards. Due to this, the University has a well-drafted Quality Manual and around 25 trained Internal Quality Auditors to foster quality culture in the University.

Further, the university has adopted Management Information System for its financial management, so as to get the regular reports and special reports on operations at every level of the management, as and when required by the administrators.

In order to accelerate the growth and development of the institution and to enhance its quality, the institution has constituted University Task Force (UTF) in the year 2010. So far fifty meetings of the UTF were held. During these monthly meetings, the UTF reviewed the performance and progress of the institution in all fronts and strived for quality enhancement leading to excellence in academic and administrative spheres.

6.2 Strategy Development and Deployment

6.2.1 Does the university have a perspective plan for development? If yes, what aspects are considered in the development of policies and strategies?

Yes.

This University has a clear perspective plan for development, which has been published by the University in the name of “Vision-2020”. Accordingly, by 2020, this University is expected to grow one among the top 10 deemed universities in India that is known for its features:

- 1) Quality teaching and learning with commitment in enabling employment opportunities to the students;
- 2) Prospering in world-class research on specific subject areas that can provide solutions with a positive impact on the quality of human life, solutions to day-to-day challenges, and contribute to the knowledge expansion;
- 3) A platform of preference to the students for rewarding educational and global exposure.

Vision and Mission

Vision

To recruit and develop the world's most promising students and most outstanding staff and be a truly global university benefiting society as a whole.

Our Mission

The mission of our University is the creation, dissemination and curation of knowledge. As a reputed centre of academic excellence we aim to:

- enhance our position as one of the world's leading research and teaching universities and to measure our performance against the highest international standards
- provide the highest quality learning and teaching environment for the greater wellbeing of our students and deliver an outstanding educational portfolio
- produce graduates fully equipped to achieve the highest personal and professional standards
- make significant, sustainable and socially responsible contribution to India and the world, promoting health, economic growth and cultural wellbeing.

Teaching and learning:

The University has a plan to enhance the quality of teaching and learning by doing the following:

- 1) Planned to expand the knowledge, thinking ability, and critical analysis as the students are not simply interested in passing the exam and getting their degree. They have set of goals. They expect more than book knowledge from the experience of

faculty. They expect subjects showing more hands-on-training to take a lead role in their professions.

- 2) Many students are not just interested to sit and attend classes for University exam. They want to make more friends and get in contact with many people with different background. Therefore, our strategies also focused on improving their social interactions and community engagement;
- 3) Strategies were also framed to develop interpersonal skills and to develop how to manage things and decide on social matters, that would in turn help the students to challenge the problems and provide solutions;
- 4) All strategies framed are to cultivate the rural poor as leaders to achieve the vision of providing higher education to the rural poor and developing them as future leaders as stated in section 1.1.1.

Research and Development:

The key objective of the R&D unit of this University is that, by 2020, over 60% of its research outputs will be internationally acceptable, and it will have at least four clusters of world-leading research such as,

1) Drug discovery and development; 2) Energy and environment; 3) Materials and manufacturing engineering; and 4) Biomimetic systems. Providing focus and capitalizing on the four interdisciplinary areas, recruiting appropriate outstanding people, promoting research culture among the faculty, providing the right financial, physical and knowledge resources, will enable us to meet the highest standards of research integrity, prosper in knowledge and commercializing technology / knowledge transfers, and attracting extramural funding from national and international bodies are planned for further improvement.

Community engagement:

Strengthening the faculty development program by developing / improving research culture, teaching methodologies, mentorship, leadership qualities and support networks is important for the growth of the University. The University has several perspective plans to improve the community engagement and get along with the people in social life by promoting extension activities.

Human resource planning and development:

Recruiting good students, staff and faculty, locally, nationally and internationally is very important. Fortunately, many well-qualified professionals are approaching private Universities rather than moving to Government Universities and Colleges because of competition in “Price-Tag” on every position. It is, in one way, advantageous for the private Universities like us to recruit and retain good faculty. Recognizing and celebrating our people and their accomplishments are important component of community engagement, and therefore, providing opportunities for professional growth and meaningful recognition, particularly for those involved in service and support activities within the University would further help the institution to grow in a positive direction. The strategies that include recognition for excellence in teaching, research and creative activity through awards are also planned to further accelerating the performance that can lead to growth of the institution.

Industry Interaction:

This University has many plans to improve the industry interactions through increasing the visits by the industry representatives and inviting them for guest lecture/workshops and holding discussions on expected standards among the students, increasing the number of representatives in Board of Studies and involve them in participating in curriculum development and reforms.

Internationalization:

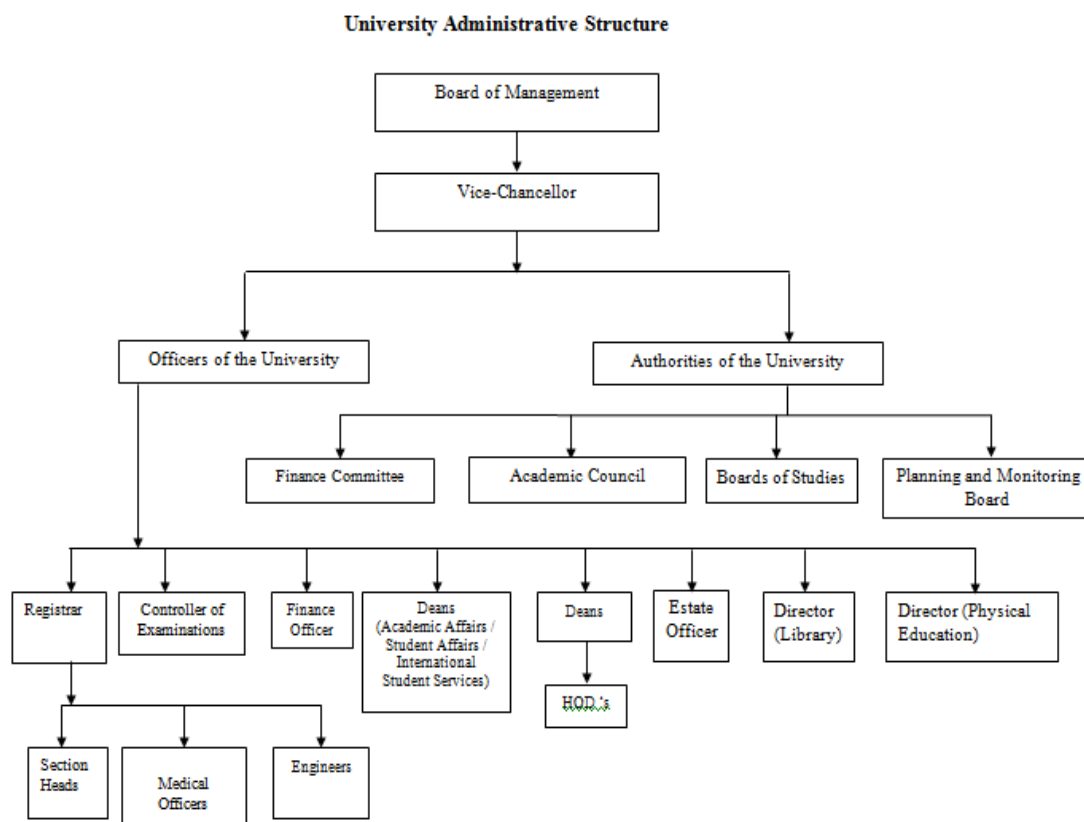
The Centre for International Relations has a detailed sketch on promoting the followings in the upcoming academic years:

- Promoting partnerships and tie-ups with foreign universities and institutes across the globe
- Promoting agreements for the academic exchange and research co-operation
- Participating in education exhibitions around the world to meet and counsel prospective students overseas
- Developing collaborative research and education programs
- Setting-up and managing Exchange Programs and International Exposure Tours
- Developing exchange and study abroad programs for students, and faculty

- seeking funding opportunities for joint activities which provide mutual benefits to each institution's teaching, research and outreach programs
- Developing mutual linguistic enhancement programs
- Sharing new technologies and new methods through extension and other programs
- Conducting symposia, seminars, conferences and other such outlets for the dissemination of joint project
- Hosting international visitors
- Launching new international programs for Indian as well as international students
- Admission, registration, and orientation services
- Support and assistance from application to arrival
- English language support programs
- Online identification of the student: (ID, enrolment, graduate course, language, syllabus, faculty advisor, living mode, performance, interest, promoting exchange, safety, life insurance, health insurance)
- Scholarship applications processing
- Two-way student exchange programs
- Immigration service
- Campus life information
- Family life support
- History of events
- Academic support information
- Research support for professors

6.2.2 Describe the university's internal organizational structure and decision making processes and their effectiveness.

The University is having the well defined organisation structure as follows:



The University is adopting well defined decision making processes. The Board of Management is the highest policy making body on the administrative fronts. The Academic Council is the highest policy making body on academic matters. The Vice Chancellor is the Head of the Institution. The Registrar is the Administrative Head of the University. The Controller of Examinations, Dean (Academic Affairs), Dean (Student Affairs), Dean (International Student Service), Coordinator (IQAC), Finance Officer and so on work as a team for the welfare and development of the University.

The curricular aspects are looked after by the Dean (Academic

Affairs), Deans of Faculty and Heads of the Department. The Officers of the Academic and Administrative units are provided with clerical assistant and programmers. All the laboratories are provided with laboratory assistants and technical staffs.

The meetings of statutory bodies such as the Board of Management, Academic Council, Planning and Monitoring Board, Finance Committee and Board of Studies are convened regularly as per the MoA and Rules of the University.

The University is adopting well structured decision making process for the effective and efficient administration. As the Head of the Institution, the Vice Chancellor will take all decisions related to the university policy and strategy with due the concurrence of the Board of Management. The Registrar, as the Administrative Head of the Institutions, implements all decisions taken by the Vice Chancellor and also takes decision in respect of general administration. The Heads of Department have taken care of the day today administration of the Department in Coordination with the Department Committees. The Boards of Studies will take care of academic activities such as curricular design, development and revision etc. The academic departments are given academic autonomy in respect of teaching, learning and research activities. The Controller of Examinations will take decision regarding conduct of examination, evaluation, publication of results and awarding degrees. The Finance Officer will support the Registrar in taking decision on all regular financial matters.

6.2.3 Does the university have a formal policy to ensure quality?

How is it designed, driven, deployed and reviewed?

Yes.

The University has evolved the following formal Policy for ensuring quality.

PRIST University is committed to ensure world class standards of excellence in teaching, research, consultancy and public engagement activities to realize the vision and mission of the University.

The quality objectives and practices include:

- To put in place the internal quality assurance system for conscientious, continuous, catalytic and planned action

towards efficient academic and administrative performance.

- To create an environment for quality enhancement and substance by institutionalization of best practices and internalization of quality culture.
- To develop quality benchmarks for various academic and administrative activities of the University to put in place quality practices in all its day to day operations by developing standard operating procedures for various activities.
- To guide, facilitate and encourage all administrative and academic units in quality related activities.
- To design a system for assimilating feedback on educational programmes from the stakeholders such as teachers, students, employers, government and non-government organizations.
- To undertake training and development activities for all staff to build their capacity for operationalization of quality practices.
- To organize inter and intra institutional workshops, seminars and conferences on quality related themes and promotion of quality circles.
- To develop and maintain institutional database and design a sound Management information System (MIS) for ensuring institutional-wide quality assurance.

6.2.4

Does the university encourage its academic departments to function independently and autonomously and how does it ensure accountability?

Yes.

The University encourages its academic departments to function independently within the scope of curriculum, syllabi and curriculum transaction. The Heads of Department conduct departmental committee meeting periodically and discuss about academic & administrative matters pertaining to the departments. Impressive performance of students in respect of examinations, placement and stakeholder satisfaction with regard to curriculum and course delivery indicates the programme of the academic

departments. Moreover, a number of students have won in various events organised by reputed institutions within the state and outside the state.

6.2.5 During the last four years, have there been any instances of court cases filed by and against the institute? What were the critical issues and verdicts of the courts on these issues?

A case is filed in the Hon'ble Supreme Court of India by the University against MHRD in respect of 44 Universities issue and as per Interim order passed by Hon'ble Supreme Court of India, the University is submitting this Self Study Report to the NAAC.

6.2.6 How does the university ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyse the nature of grievances for promoting better stakeholder-relationship?

Yes.

Student Grievance Redressal Cell and student academic grievance redressal committee are functioning in an efficient manner to redress the grievance of students in respect of both academic and non academic matters.

The effective functioning of University Anti Ragging Committee makes University Campus as a ragging free campus.

Gender Sensitization Committee against Sexual Harassment (GSCASH) with well framed rules and procedures and functioning well, so as to create a safety environment for girl students and women staff in the campus.

The complaints / grievance register is maintained by each department which makes possible for the students and staffs to register their grievances / complaints immediately for getting remedy.

The administrators and faculty are easily accessible both for students and staff and hence it is possible to immediately attend to their grievance and complaints and resolve the issues amicably.

Moreover, Student Cabinet System is in existence in the campus and is functioning more efficiently. The Student Cabinet is also contributing a lot towards redressing the grievances of

students. It also contributes towards uplifting the campus environment and for enhancing the quality of teaching and learning activities in the campus.

6.2.7 Does the university have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?

The University is having the well structured feedback mechanism to evaluate the Institutional performance by the students. The University Assessment Centre collects Mid-Semester feedback, semester end feedback, feedback on academic programme experience, students course experience questionnaire and students satisfaction questionnaire periodically and forward the same to the Vice Chancellor for taking immediate follow-up action over the students feedback.

6.2.8 Does the university conduct performance audit of the various departments?

Yes.

The University conducts academic audit in all departments regularly.

6.2.9 What mechanisms have been evolved by the university to identify the developmental needs of its affiliated institutions?

Not applicable

6.2.10 Does the university have a vibrant College Development Council (CDC) / Board of College and University Development (BCUD)? If yes, detail its structure, functions and achievements.

Not applicable

6.3 Faculty Empowerment Strategies

6.3.1 What efforts have been made to enhance the professional development of teaching and non-teaching staff?

The faculty members are encouraged to attend the refresher and orientation courses organised by academic staff college of various universities. Moreover, the University has arranged for short term faculty training programmes on instructional design and delivery system organised by NITTTR periodically. Further, the Centre for Development of Teaching and Learning (CDTL) and Centre for Knowledge Management (CKM) have organised a number of workshops on topics like,

“Role of Web 2.0 Technology in Higher Education”, “Peer Review of Teaching”, “Applications of Matlab”, “Curriculum Design and Development” etc. as part of faculty development programme for teaching staffs. The University also encourages teaching staffs to participate in National / International Level Seminars / Conferences / Workshops / Symposia.

Financial assistance is also provided to staff for attending International Conferences organised by Foreign Universities. Weekly Popular Lecture Series is being organised by the University for the benefit of teaching staff to enrich their knowledge. Further, the University encourages Academic Departments for organising National / International Seminars / Conferences. All teachers are given training to develop e-content, Financial assistance are provided to the staff for publication of books.

The performance of non-teaching staffs are reviewed periodically and the university has organised periodic trainings for non-teaching staffs to enhance the quality of their work output and efficiency.

6.3.2 What is the outcome of the review of various appraisal methods used by the University?

List the important decisions.

At the end of each academic year the IQAC circulated Self Appraisal Forms to the teaching staffs and filled in Self Appraisal Forms are collected from the faculty to assess the nature of their performance during the last academic year. Besides the performance appraisal of teaching staff through submission of Self Appraisal Forms, their performance are also appraised through “Peer Review of Teaching” and “Students Feedback on performance of teachers”.

After analysing the various performance reports of teaching staff, the services of excellent and good performers are appreciated by the top management, whereas who are performers are given counselling at the department level and training at the University Level.

6.3.3 What are the welfare schemes available for teaching and non-teaching staff?

What percentage of staff have benefitted from these schemes in the last four years?

Give details.

The following are some of the Welfare Schemes available for the teaching and non-teaching staff.

- Medical facility
- Medical treatment reimbursement for major illness
- Group Insurance
- Subsidised Transport Facility
- Subsidises Canteen Facility
- Tuition Fee concession for the children of University teaching staff
- Tuition Fee reimbursement for the children of non-teaching staff
- Sabbatical leave for teaching staff
- Maternity leave for teaching and non-teaching staff
- Gymnasium
- Playgrounds
- Staff club
- Financial assistance for attending International Conference
- Financial assistance for publishing books
- Incentives for paper publications in Peer Reviewed Journals with impact factor

6.3.4 What are the measures taken by the University for attracting and retaining eminent faculty?

The significant measures taken by the University for attracting and retrieving eminent faculty are:

- Academic Freedom
- Availability of infrastructures for academic development
- Easy access to all centralised facilities
- Recognition for excellent and good performers
- Encouragement and support to faculty for attending faculty development programmes
- Availability of in-house research grants
- Seed money for research
- Travel grant for attending International Conferences in abroad.

6.3.5 Has the university conducted a gender audit during the last four years? If yes, mention a few salient findings.

Yes.

The university has conducted yearly Gender Audit from 2013 onwards.

Gender Audit – 2013

Salient Findings of Gender Audit

Strengths Observed

1. Working environment of the Institute is safety for women employees.
2. There is no unlawful discrimination and harassment in the Institute such that, all the women staffs are encouraged to achieve their full potential.
3. By organizing various activities, the “Internal Complaints Committee” of our campus has been strengthened through Women Empowerment Cell of our Institute.
4. Girls and women staffs are being encouraged to do higher studies. Sponsorships are also being provided.
5. Necessary actions are being taken for the safety of girls and women staffs.

Recommendations made:

1. “Earn While Learn” Scheme may be introduced for the benefit of economically marginalized girl students.
2. Transport facility for women from remote areas may be provided.
3. “Day Care Center” facility may be provided for the benefit of women staffs.
4. Separate canteen facility for Women staffs and Girls may be provided.
5. More women staffs/girl students may be nominated to various non-statutory committees.

Gender Audit – 2014

Salient Findings of Gender Audit

Strengths Observed

1. Necessary actions have been made by the Women Empowerment Cell for the suggestions & requests collected from girl students and staff.
2. Transportation facility has been provided for the safety of women staff coming from remote areas.

3. Separate canteen facility for women staff and girl students has been provided.
4. For the benefit of women staffs “Day Care Center” has been provided.
5. “Internal Complaints Committee” of our campus has been strengthened through Women Empowerment Cell of our Institute.
6. “Earn While Learn” Scheme has been introduced for the benefit of economically marginalized girl students.
7. Adequate number of Women staff and girl students has been nominated to various non-statutory committees.

Recommendations made:

1. Centre for Women Studies may be established.
2. Strategies to be evolved to maintain Gender Balance in student enrollment
3. More Gender Sensitization programs may be organized on important gender related topics.
4. Women staffs may be permitted to attend conferences conducted at National level.

Gender Audit – 2015

Salient Findings of Gender Audit

Strengths Observed

1. Health check-up camps & Health awareness program for women staff and girl students conducted by women empowerment Cell are very helpful.
2. Inclusion of more women in decision making has been embedded in our Institute.
3. Centre for Women Studies has been established
4. No discrimination of faculties in our Institute on the basis of any factor.
5. Strategies has been evolved to maintain Gender Balance in student enrolment
6. All staff are encouraged to undertake any training courses and can participate in conferences related to women issues.
7. Gender Sensitization programs have been organized on important gender related topics.

Recommendations made:

1. One hour permission in a month and holiday for second Saturday of every month may be permitted for the benefit of all married ladies staff.

6.3.6 Does the university conduct any gender sensitization programmes for its faculty?

The Centre for Women empowerment has organised the following Gender Sensitization programmes for its faculty during the last four years

S. N o.	Event	Presented/ Conducted By	Participants	Date & Venue
1.	Workshop on “Gender, Sexuality and Responsible Behaviour”	Ms. Sangeetha, Social Activist, Trichy	Teaching & Non-Teaching staffs (40)	10.09.2015
2.	Lecture on “ Women Empowerment through Gender Sensitization”	Ms. Apurva General Counselor	All women faculties (46)	29.06.2015
3.	Workshop on “Pre Marital Education”	Dr. Dhamayanthi, NGO, Coimbatore	Girls students (120)	03.04.2015
4.	Speech on Gender Equality	Dr.K.B.Jasmine, PRIST University	Women staffs (35)	29.01.2015
5.	Talk on Discrimination in Education	Dr.K.B.Jasmine, PRIST University	Staffs & students (65)	20.11.2014
6.	Seminar on “Eve Teasing & Sexual Harassment”	NSS Programme, PRIST University	Girls Students(50)	03.07.2014
7.	Lecture on Violence against women	Mr. Anant Nadkarni-Vice President Tata Group	Girls Students (43)	11.04.2014
8.	Training on Self Defense for women	Mr.L. Manoharan, Karathe Master, Thanjavur	Staffs & students (52)	18.01.2014
9.	Self Supporting Development Program for the benefit of Women residing in the villages around the University	Mr.Balakumar, PRIST University	Near by Villagers (30)	31.10.2013
10.	Talk on Domestic Violence	Ms. Gauri Sawant Activists-	Staffs & students(40)	19.06.2013
11.	Talk on “Rights to Transgender”	Dr.Sharmila Devi, NGO, Trichy	Staffs & students (42)	29.03.2013
12.	Speech on “Women Empowerment”	Dr.K.Rajalakshmi, PRIST University	Staffs & students (68)	10.01.2013
13.	Talk on “Falling Sex-Ratio”	Ms. Gauri Sawant Social Activist	Girl Students (30)	31.10.2012
14.	Seminar on “Voilence against women ”	Mr. Harish Sadani – NGO Men Against Violence and Abuse	All teaching and non-teaching staffs(55)	01.08.2012
15.	Yoga training for “Teaching and Non-	Dr.R.Auvai, Physical	All staffs and Girl	08.05.2012

.	Teaching staffs”	Director, PRIST University	Students(45)	
16	Awareness program on “Health Issues of Women”	Dr. Dhamayanthi, NGO, Coimbatore	Girl Students (43)	28.02.2012
17	Awareness program on “IOB products for the benefit of women”	Mr. Rajesh, Manager & NSS	Women Staffs (35)	21.07.2011
18	Seminar on “Real Women in You”	Mrs. Sridevi, Women activist, Thanjavur	All Ladies Staffs and students(62)	24.11.2011

6.3.7 What is the impact of the University’s Academic Staff College Programmes in enhancing the competencies of the university faculty?

Even though academic staff college is not in existence in the University, the Centre for Development of Teaching and Learning takes the responsibility of organising periodic Seminars / Workshop / Training Programme for the teaching faculty to enhance their competency.

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism available to monitor the effective and efficient use of financial resources?

The University is having an efficient finance management and resource mobilization system. After getting information about the department requirements for the forthcoming financial year, the finance committee examines the annual accounts, annual budget estimates and makes recommendations to the Board of Management about the department wise Budget allocation for the forthcoming financial year.

The Finance department of the University is very clean to see that the expenditures are being carried out strictly as per budget provisions. The payment of tuition fees and examination fees are permitted only through demand drafts.

The University has the system to review the utilisation of budget allocation every six months. The financial transaction procedures are well defined in the finance manual.

6.4.2 Does the university have a mechanism for internal and external audit? Give details.

Yes.

The University is having the mechanism for both Internal and External Audit.

All accounts related files are scrutinised by the section heads and officers concerned before the files are processed for payment. The internal audit is being carried out by a team of internal auditors appointed by the University. The external audit is carried out by a statutory audit firm Chidambaranathan & Co., Madurai.


6.4.3 Are the institution's accounts audited regularly? Have there been any major audit objections, if so, how were they addressed?

Yes.

Institutions accounts are audited regularly. There were no major audit objections pointed out by the Auditors

6.4.4 Provide the audited income and expenditure statement of academic and Administrative activities of the last four years.

The annual account and audit report of the last four years is enclosed herewith:

Government of India 																																					
INCOME-TAX DEPARTMENT ACKNOWLEDGEMENT																																					
Received with thanks PONNAYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST a return of income and/or return of fringe benefits in Form No. ITR 7 for assessment year 2011-12, having the following particulars.																																					
PERSONAL INFORMATION	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Name PONNAYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST</td> <td style="width: 50%;">PAN A A B T P 5 0 9 9 B</td> </tr> <tr> <td>Flat/Door/Block No 33 & 34</td> <td>Name Of Premises/Building/Village</td> </tr> <tr> <td>Road/Street/Post Office NATARAJAPURAM SOUTH</td> <td>Area/Locality M.C.ROAD</td> </tr> <tr> <td>Town/City/District THANJAVUR</td> <td> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">State TAMILNADU</td> <td style="width: 50%;">Status (fill the Code) 08</td> </tr> </table> </td> </tr> <tr> <td>Designation of Assessing Officer TNJ / AC / 1</td> <td>Original or Revised Original</td> </tr> </table>	Name PONNAYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST	PAN A A B T P 5 0 9 9 B	Flat/Door/Block No 33 & 34	Name Of Premises/Building/Village	Road/Street/Post Office NATARAJAPURAM SOUTH	Area/Locality M.C.ROAD	Town/City/District THANJAVUR	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">State TAMILNADU</td> <td style="width: 50%;">Status (fill the Code) 08</td> </tr> </table>	State TAMILNADU	Status (fill the Code) 08	Designation of Assessing Officer TNJ / AC / 1	Original or Revised Original																								
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	COMPUTATION OF INCOME AND TAX THEREON	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">1 Gross total income</td> <td style="width: 50%;">1 NIL</td> </tr> <tr> <td>2 Deductions under Chapter-VI-A</td> <td>2 NIL</td> </tr> <tr> <td>3 Total Income</td> <td>3 NIL</td> </tr> <tr> <td>4 Net tax payable</td> <td>4 NIL</td> </tr> <tr> <td>5 Interest payable</td> <td>5 NIL</td> </tr> <tr> <td>6 Total tax and interest payable</td> <td>6 NIL</td> </tr> <tr> <td>7 Taxes paid</td> <td></td> </tr> <tr> <td> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a Advance Tax</td> <td style="width: 10%;">7a</td> <td style="width: 60%;">NIL</td> </tr> <tr> <td>b TDS</td> <td>7b</td> <td>379,120</td> </tr> <tr> <td>c TCS</td> <td>7c</td> <td>NIL</td> </tr> <tr> <td>d Self Assessment Tax</td> <td>7d</td> <td>NIL</td> </tr> <tr> <td>e Total Taxes Paid (7a+7b+7c+7d)</td> <td>7e</td> <td>379,120</td> </tr> </table> </td> <td></td> </tr> <tr> <td>8 Tax payable (6-7e)</td> <td>8 NIL</td> </tr> <tr> <td>9 Refund (7e-6)</td> <td>9 379,120</td> </tr> </table>	1 Gross total income	1 NIL	2 Deductions under Chapter-VI-A	2 NIL	3 Total Income	3 NIL	4 Net tax payable	4 NIL	5 Interest payable	5 NIL	6 Total tax and interest payable	6 NIL	7 Taxes paid		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a Advance Tax</td> <td style="width: 10%;">7a</td> <td style="width: 60%;">NIL</td> </tr> <tr> <td>b TDS</td> <td>7b</td> <td>379,120</td> </tr> <tr> <td>c TCS</td> <td>7c</td> <td>NIL</td> </tr> <tr> <td>d Self Assessment Tax</td> <td>7d</td> <td>NIL</td> </tr> <tr> <td>e Total Taxes Paid (7a+7b+7c+7d)</td> <td>7e</td> <td>379,120</td> </tr> </table>	a Advance Tax	7a	NIL	b TDS	7b	379,120	c TCS	7c	NIL	d Self Assessment Tax	7d	NIL	e Total Taxes Paid (7a+7b+7c+7d)	7e	379,120		8 Tax payable (6-7e)	8 NIL	9 Refund (7e-6)	9 379,120
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9 Refund (7e-6)	9 379,120																																				
Receipt No Date	Seal and Signature of receiving official <div style="border: 2px solid blue; padding: 5px; text-align: center;"> DY/ASST. COMMISSIONER OF INCOME TAX Central Circle 20 SEP 2011 </div> <div style="border: 2px solid blue; padding: 5px; text-align: center;"> RETURN RECEIPT COUNTER TIRUCHIRAPALLI - 620 001. </div>																																				

38

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**PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND
TECHNOLOGY TRUST**

33 & 34, NATARAJAPURAM SOUTH,
M.C. ROAD,
THANJAVUR-613 007

STATUS : CHARITABLE TRUST
P.A.No. : AABTP 5099 B

ACCOUNTING Y.E. : 31.03.2011
ASST. YEAR : 2011 - 12

STATEMENT OF TOTAL INCOME FOR INCOME TAX PURPOSES

	Rs.	Rs.
INCOME DERIVED FROM THE TRUST		
Total Income		423,762,430
Less: Exempt 15%		63,564,365
Income to be applied for charitable purposes		<u>360,198,066</u>
<u>Income Applied for Charitable Purposes:</u>		
Total Expenditure as per the Income and Expenditure Account		221,644,286
Fixed Assets purchased		126,229,489
Income applied for charitable purposes		<u>347,873,775</u>
Income to be applied for charitable purposes in the subsequent years:		
Asst. year 2011-12		<u>12,324,291</u>

ASSESSMENT ASSISTANCE FOR THE ASST. YEAR : 2011 - 12

1. Tax on total income - NIL
2. Tax deducted at source - Rs. 3,79,120/-; two Form No. 16A enclosed.
3. Refund due - Rs. 3,79,120/- plus interest u/s. 244A
4. The trust was registered u/s. 12AA vide C.no.7162E(288)/07-08/CIT-II/TRY dated 29.08.2008
5. The trust was granted recognition u/s.80G vide C.no.7162E(288)/07-08/CIT-II/TRY dated 29.08.2008.
6. Form no.10 and Form No.10B enclosed.

For Ponnaiyah Ramajayam Institute of
Science & Technology Trust,


Managing Trustee.
MANAGING TRUSTEE


CHARTERED ACCOUNTANT



PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST

33 & 34, NATARAJAPURAM SOUTH,
M.C. ROAD,
THANJAVUR-613007

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2011

EXPENDITURE	Sch.	Rs.	P.	INCOME	Sch.	Rs.	P.
To Salary and Establishment		68,996,855.70		By Admission fees		15,140,600.00	
" Educational Expenses		22,139,319.00		" Application fees		1,300,310.00	
" General and Administrative Expenses	8	44,649,561.61		" Fees Collection	9	394,544,384.00	
" Interest & Financial Charges		16,276,083.50		" Other Income		4,331,606.00	
" EB Charges		3,876,695.45		" Canteen and Mess Income		3,859,325.00	
" Mess and Canteen Expenses		13,138,452.00		" Interest		4,586,205.00	
" Bus Maintenance		8,046,629.70					
" Repairs & Maintenance		20,878,110.00					
" Rent		20,687,617.00					
" Telephone Charges		2,954,962.00					
" Depreciation	3	63,449,407.00					
" Surplus		138,668,737.04					
		<u>423,762,430.00</u>				<u>423,762,430.00</u>	

For Ponnaiyah Ramajayam Institute of
Science & Technology Trust,

M. M. M. M.
Managing Trustee.

MANAGING TRUSTEE



Asst. Acc.
CHARTERED ACCOUNTANT

33 & 34, NATARAJAPURAM SOUTH,
M.C. ROAD,
THANJAVUR-613007

BALANCE SHEET AS AT 31.03.2011[illegible]

For Ponnaiyah Ramajayam Institute of
Science & Technology Trust,
P. Ramajayam
Managing Trustee.

Free
CHARTERED ACCOUNTANT

PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST
33 & 34, NATARAJAPURAM SOUTH, M.C.ROAD, THANJAVUR - 613 007

SCHEDULE FOR THE YEAR ENDED 31.03.2011

SCHEDULE No.1 - LOANS

Rs. P.

City Union Bank - Over draft	77,200,117.50
CUB - LOD	44,028,182.00
Indian Bank - Term Loan - 84275237 - 3	3,232,826.00
Indian Bank - Term Loan - 84277699 - 4	12,410,024.00
Indian Bank - Term Loan - 817618215 - PONDY PROPERTY	60,637,080.00

197,508,229.50

SCHEDULE No.2 - CURRENT LIABILITIES AND PROVISIONS

Sundry Creditors	19,007,777.19
Provisions for Expenses	880,810.00
Provision for Salary	4,467,837.00
Refundable Deposit	21,454,629.00
SPRECT Trust	14,486,230.80
Certificate Deposit	30,000.00
TDS Payable	736,527.00
Unpaid Salary	84,297.00

61,148,107.99

SCHEDULE No.4 - INVESTMENTS

Memorial Endowment Deposits	96,038.00
Other Deposits	82,839,075.00

82,935,113.00

SCHEDULE No.5 - ADVANCE AND DEPOSITS

Rent Advance	44,592,196.00
Telephone Deposit	3,480.00
Lease Advance	300,000.00
Land Advance	3,900,000.00
EB Deposit	490,301.00
Advance For Petrol Expenses	900,000.00
Municipal Deposit	10,000.00
Library Deposit - IIT, Chennai	10,000.00

50,205,977.00

For Ponnaiyah Ramajayam Institute of
 Science & Technology Trust,


 Managing Trustee.

SCHEDULE No.6 - LOANS, ADVANCE & OTHERS

Advance to Suppliers	10,138,723.00
Staff Advance	431,420.00
Purchase Advance	2,356,865.75
Sundry Debtors	-
Interest Receivable	3,042,045.00
TDS	387,181.00
	<u>16,356,234.75</u>

SCHEDULE No.7 - CASH AND BANK BALANCES

Cash in Hand	984,062.00
City Union Bank - 87280	4,530.42
City Union Bank - 88393	75,084.89
City Union Bank - 131845	11,490.00
Indian Bank - 757732524	3,847.00
Indian Bank - 760147197	32,406.89
Indian Bank - Trichy Collection a/c	42,075.00
Indian Bank - Pondy Collection a/c	5,998.00
Indian Bank - Scholarship a/c	515,397.00
Indian Bank - 883634306	22,831.00
	<u>1,697,722.20</u>

For Ponnaiyah Ramajayam Institute of
Science & Technology Trust,


Managing Trustee.

SCHEDULE No.8 - GENERAL AND ADMINISTRATIVE EXPENSES

Advertisement Expenses	17,926,888.00
Advocate & Legal Charges	2,427,000.00
Audit Expenses & Fees	288,149.00
Books & Periodicals	1,310,750.00
Buildings Maintenance	50,000.00
Freight	88,292.00
Donations	857,952.00
Guest Expenses	161,160.00
ISO Audit Fees	36,832.00
Legal Fees	16,675.00
Membership & Subscription Expenses	1,477,986.11
Miscellaneous Expenses	94,729.00
Pooja Expenses	1,548,513.00
Postage & Telephone	746,047.00
Printing & Stationery	5,299,964.50
Security Charges	997,898.00
Travelling Expenses	9,213,019.00
Vehicle Hire Charges	2,100,000.00
Water Expenses	7,707.00
	<hr/>
	44,649,561.61

SCHEDULE No.9- FEES COLLECTION

Academic Fees	305,538,171.00
Distance Education Fees	80,405,535.00
Hostel Fees	7,305,352.00
Alumni Fees	167,750.00
Migration Certificate Fees	1,800.00
Uniform Fees	80,876.00
Bus Fees	1,044,900.00
	<hr/>
	394,544,384.00

For Ponnaiyah Ramajayam Institute of
Science & Technology Trust,


Managing Trustee.

PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST, THANJAVUR.

SCHEDULE NO. 3 - FIXED ASSETS - 31.3.2011

Particulars	W.D.V. As on 01.04.2010 Rs.	Additions Before Sept Rs.	Additions After Sept Rs.	Deletions Rs.	Total Rs.	Rate	Depreciation Rs.	W.D.V. As on 31.03.2011 Rs.
Land	10,533,122.00	-	18,488,828.00	-	29,021,950.00		-	29,021,950.00
Building	279,487,012.00	41,843,910.10	79,439,099.00	-	400,770,021.10	10%	36,105,047.00	364,664,974.10
Building Under Construction	53,609,934.10	715,962.00	790,963.30	52,875,000.00	2,241,859.40		-	2,241,859.40
	333,096,946.10	42,559,872.10	80,230,062.30	52,875,000.00	403,011,880.50		36,105,047.00	366,906,833.50
Furniture	21,091,373.40	7,024,075.40	5,762,373.00	-	33,877,821.80	10%	3,099,664.00	30,778,157.80
Electrical Fittings	15,502,995.00	1,083,840.00	440,129.00	-	17,026,964.00	10%	1,680,690.00	15,346,274.00
	36,594,368.40	8,107,915.40	6,202,502.00	-	50,904,785.80		4,780,354.00	46,124,431.80
Plant and Machinery								
Library Books	18,157,458.80	1,916,392.00	586,839.00	-	20,660,689.80	15%	3,055,091.00	17,605,598.80
Lab Equipments	35,021,850.00	8,180,707.00	5,259,812.00	-	48,462,369.00	15%	6,874,869.00	41,587,500.00
Sports Equipments	206,583.00	22,942.00	-	-	229,525.00	15%	34,429.00	195,096.00
Hostel Equipments	1,086,273.00	-	-	-	1,086,273.00	15%	162,941.00	923,332.00
Generator	1,200,212.00	1,962,491.00	687,565.00	-	3,850,268.00	15%	525,973.00	3,324,295.00
Canteen Equipments	175,681.00	-	-	-	175,681.00	15%	26,352.00	149,329.00
Air Conditioner	1,422,841.00	-	50,000.00	-	1,472,841.00	15%	217,176.00	1,255,665.00
Office Equipments	446,475.00	473,755.00	328,500.00	-	1,248,730.00	15%	162,672.00	1,086,058.00
Medical Equipments	106,705.00	-	-	-	106,705.00	15%	16,006.00	90,699.00
	57,824,078.80	12,556,287.00	6,912,716.00	-	77,293,081.80		11,075,509.00	66,217,572.80
Vehicles								
	20,133,744.00	1,207,163.00	574,362.00	505,000.00	21,410,269.00	15%	3,168,463.00	18,241,806.00
Computer and Accessories	11,376,394.04	1,135,477.00	381,000.00	-	12,892,871.04	60%	7,621,423.00	5,271,448.04
Softwares	537,700.00	-	1,253,304.00	-	1,791,004.00	60%	698,611.00	1,092,393.00
	11,914,094.04	1,135,477.00	1,634,304.00	-	14,683,875.04		8,320,034.00	6,363,841.04
TOTAL	470,096,353.34	65,566,714.50	114,042,774.30	53,380,000.00	596,325,842.14		63,449,407.00	532,876,435.14

For Ponnaiyah Ramajayam Institute of
Science & Technology Trust,

[Signature]
MANAGING TRUSTEE/USTEE.

[Signature]
F. No.
010932S
MADURAI
CHARTERED ACCOUNTANTS/ACC.

FORM NO.10

[See rule 17]

**Notice to the Assessing Officer/Prescribed Authority under section 11(2) of the
Income -tax Act, 1961**

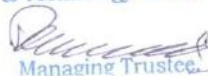
To

The Assessing Officer/Prescribed Authority,
Assistant Commissioner of Income Tax,
Central Circle – II,
THIRUCHIRAPPALLI

1. P.MURUGESAN on behalf of M/s. PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST, THANJAVUR [name of the trust/institution/association] hereby bring to your notice that it has been decided by a resolution passed by the trustees/governing body, by whatever name called, on 16/09/2011 (copy enclosed) that, out of the income of the trust/institution/association for the previous year(s), relevant to the assessment year 2011-12. and subsequent previous year(s), an amount of Rs.1,23,24,291/- of the income of the trust/institution/association, such sum as is available at the end of the previous year(s) should be accumulated or set apart till the previous year(s) ending 31/03/2016 in order to enable the trustees/governing body by whatever name called, to accumulate sufficient funds for carrying out the following purposes of the trust/association/institution: - Education Development.
2. Before expiry of six months commencing from the end of each previous year, the amount so accumulated or set apart has been/will be invested or deposited in any one or more of the forms or modes specified in sub-section (5) of section 11.
3. Copies of the annual accounts of the trust/institution/association along with details of investment (including deposits) and utilisation, if any, of the money so accumulated or set apart will be furnished to you before the expiry of six months commencing from the end of each relevant previous year.
4. It is requested that in view of our complying with the conditions laid down in section 11(2) of the income-tax Act, 1961, the benefit of that section may be given in the assessments of the trust exempting the income in respect of the trust/institution/association in respect of the incomes accumulated or set apart as mentioned above.

Date: 26/09/2011

For Ponnaiyah Ramajayam Institute of
Science & Technology Trust,


Managing Trustee.

Signature

Designation

Address

Notes:

1. This notice should be signed by a trustee/principal officer.
2. Delete the inappropriate words.

FORM NO. 10B

[See Rule 17B]

**Audit Report under section 12A (b) of the Income-tax Act, 1961 in the case of
charitable or religious trusts or institutions**

I/We have examined the balance sheet of **PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST** [Name of the trust or institution] as at **31ST MARCH 2011** and the Profit and loss account for the year ended on that date which are in agreement with the books of account maintained by the said Trust or institution.

I/We have obtained all the information and explanations, which to the best of my/our knowledge and belief were necessary for the purposes of the audit. In my/our opinion, proper books of account have been kept by the head office and the branches of the above-named trust/ institution visited by us me/us so far as appears from my/our examination of the books and proper returns adequate for the purposes of audit have been received from branches not visited by me/us subject to the comments given below: -

In my/our opinion and to the best of my/our information, and according to information given to me/us the said accounts give a true and fair view: -

- (i) In the case of the balance sheet, of the state of affairs of the above named trust / institution as at 31ST MARCH 2011 and
- (ii) In case of the profit and loss account, of the profit loss of its accounting year ending on 31ST MARCH 2011 the prescribed particulars are annexed hereto.

Place THANJAVUR

Date 26/09/2011

Signed



Accountant

ANNEXURE
STATEMENT OF PARTICULARS
Application of income for charitable or religious purposes.

1. Amount of income of the previous year applied to charitable or religious purposes in India during that year. Rs. 34,78,73,775/-
2. Whether the trust/institution has exercised the option under clause (2) of the Explanation to section 11 (1)? If so, the details of the amount of income deemed to have been applied to charitable or religious purposes in India during the previous year **NIL**
3. Amount of income accumulated or set apart /finally set apart for application to charitable or religious purposes, to the extent it does not exceed 25 per cent of the income derived from property held under trust wholly /in part only for such purposes. Rs. 1,23,24,291/-
4. Amount of income eligible for exemption under section 11(1)(c) [Give details] **NIL**
5. Amount of income, in addition to the amount referred to in item 3 above, accumulated or set apart for specified purposes under section 11(2) **NIL**
6. Whether the amount of income mentioned in item 5 above has been invested or deposited in the manner laid down in section 11(2)(b)? If so, the details thereof. **YES**
7. Whether any part of the income in respect of which an option was exercised under clause (2) of the Explanation to section 11(1) in any earlier year is deemed to be income of the previous year under section 11(1B)? If so, the details thereof **NIL**
8. Whether, during the previous year, any part of income accumulated or set apart for specified purposes under section 11(2) in any earlier year: - **NIL**
 - a) Has been applied for purposes other than charitable or religious purposes or has ceased to be accumulated or set apart for application thereto, or **NIL**
 - b) Has ceased to remain invested in any security referred to in section 11(2)(b)(1) or deposited in any account referred to in section 11(2)(b)(1) or section 11(2) (b) (iii) or **NIL**

- c) Has not been utilized for purposes for which it was accumulated or set apart during the period for which it was to be accumulated or set apart, or in the year immediately following the expiry thereof? **NIL**
If so, the details thereof

II. Application or use of income or property for the benefit of persons referred to in section 13 [3].

1. Whether any part of the income or property of the trust/institution was lent, or continues to in section 13(3) [hereinafter referred to in this Annexure as such person]? If so, give details of the amount, rate of interest charged and the nature of security, if any **NIL**
2. Whether any land, building or other property of the trust/institution was made, or continued to be made, available for the use of any such person during the previous year? If so, give details of the property and the amount of rent or compensation charged, if any. **NIL**
3. Whether any payment was made to any such person during the previous year by way of salary allowance or otherwise? If so, give details. **NIL**
4. Whether the services of the trust/institution were made available to any such person during the previous year? If so, give details thereof together with remuneration or compensation received, if any. **NIL**
5. Whether any share, security, or other property was purchased by or on behalf of the trust/institution during the previous year from any such person? If so, give details thereof together with the consideration paid **NIL**
6. Whether any share, security, or other property was sold by or on behalf of the trust/institution during the previous year to any such person? If so, the details thereof together with the consideration received. **NIL**
7. Whether any income or property of the trust/institution was diverted during the previous year in favour of any such person? If so, give details thereof together with the amount of income or value of property so diverted. **NIL**
8. Whether the income or property of the trust/institution was used or applied during the previous year for the benefit of any such person in any other manner? If so, give details. **NIL**

III. Investment held at any time during the previous year(s) in concerns in which persons referred to in section 13(3) have a substantial interest.

Sl. No	Name and address of the concern	Where the concern is a company No and class of shares held	Nominal value of the investment	Income from the investment	Whether the amount in Col. 4 exceeded 5% of the capital of the concern during the previous year-say. Yes/No
1	2	3	4	5	6
			NIL		
Total					

Place .THANJAVUR.....

Date ..26/09/2011.....



Signed

Accountant

Government of India



INCOME-TAX DEPARTMENT

ACKNOWLEDGEMENT

Received with thanks from PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST a return of income in Form No. ITR-7 for assessment year 2012-13, having the following particulars.

PERSONAL INFORMATION	Name <u>PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST</u>		PAN <u>AABTP5099B</u>	
	Flat/Door/Block No <u>33-34</u>		Name Of Premises/Building/Village	
	Road/Street/Post Office <u>NATARAJAPURAM SOUTH</u>		Area/Locality <u>M.C. ROAD</u>	
	Town/City/District <u>THANJAVUR</u>		State <u>TAMILNADU</u>	Status (fill the code) <u>08</u>
	Designation of Assessing Officer (Ward/ Circle)		Original or Revised	
COMPUTATION OF INCOME AND TAX THEREON	1	Gross total income	1	<u>NIL</u>
	2	Deductions under Chapter-VI-A	2	<u>NIL</u>
	3	Total Income	3	<u>NIL</u>
	3a	Current Year loss (if any)	3a	<u>NIL</u>
	4	Net tax payable	4	<u>NIL</u>
	5	Interest payable	5	<u>NIL</u>
	6	Total tax and interest payable	6	<u>NIL</u>
	7	Taxes Paid		
	a	Advance Tax	7a	
	b	TDS	7b	<u>44,537</u>
	c	TCS	7c	
	d	Self Assessment Tax		
e	Total Taxes Paid (7a+7b+7c+7d)	7e	<u>44,537</u>	
8	Tax Payable (6-7e)	8	<u>NIL</u>	
9	Refund (7e-6)	9	<u>44,537</u>	

Receipt No
Date

ASK No: 641030912027975
Date/A.Y.: 05-09-2012/2012-13
PAN: AABTP5099B / ITR-7
Name: PONNAIYAH
RRR.BIN: C00500500006
ACT.CENT CTR II,
TRUCHIRAPPALLI
AO:

ing official

www.taxguru.in

**PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND
TECHNOLOGY TRUST**

33 & 34, NATARAJAPURAM SOUTH,
M.C. ROAD,
THANJAVUR- 613 007

STATUS : CHARITABLE TRUST
P.A.No. : AABTP 5099 B

ACCOUNTING Y.E. : 31.03.2012
ASST. YEAR : 2012 - 13

STATEMENT OF TOTAL INCOME FOR INCOME TAX PURPOSES

	Rs.	Rs.
INCOME DERIVED FROM THE TRUST		
Total Income		453,043,353
Less: Exempt 15%		67,956,503
Income to be applied for charitable purposes		<u>385,086,850</u>
<u>Income Applied for Charitable Purposes:</u>		
Total Expenditure as per the Income and Expenditure Account		268,631,214
Fixed Assets purchased		158,244,132
Income applied for charitable purposes		<u>426,875,345</u>

ASSESSMENT ASSISTANCE FOR THE ASST. YEAR : 2012 - 13

1. Tax on total income - NIL
2. Tax deducted at source - Rs. 44,537/-; one Form No. 16A enclosed.
3. Refund due - Rs. 44,537/- plus interest u/s. 244A
4. The trust was registered u/s. 12AA vide C.no.7162E(288)/07-08/CIT-II/TRY dated 29.08.2008
5. The trust was granted recognition u/s.80G vide C.no.7162E(288)/07-08/CIT-II/TRY dated 29.08.2008.
6. Form no.10 and Form No.10B enclosed.

For Ponnaiyah Ramajayam Institute of
Science & Technology Trust,


MANAGING TRUSTEE


CHARTERED ACCOUNTANT



PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST

33 & 34, NATARAJAPURAM SOUTH,
M.C. ROAD,
THANJAVUR-613007

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2012

EXPENDITURE	Sch.	Rs.	P.
To Salary and Establishment		78,816,270.00	
" Educational Expenses		30,758,268.00	
" General and Administrative Expenses	8	39,993,598.90	
" Interest & Financial Charges		21,457,987.00	
" EB Charges		2,112,884.00	
" Mess and Canteen Expenses		4,845,251.00	
" Bus Maintenance		6,953,698.40	
" Repairs & Maintenance		21,363,299.35	
" Rent		59,105,737.00	
" Telephone Charges		3,224,220.00	
" Depreciation	3	65,905,180.14	
" Surplus		118,506,959.26	
		<u>453,043,353.05</u>	

For Ponnaiyah Ramajayam Institute of
Science & Technology Trust,

Donald
Managing Trustee.
MANAGING TRUSTEE

CHARTERED ACCOUNTANT

PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST

33 & 34, NATARAJAPURAM SOUTH,
M.C. ROAD,
THANJAVUR-613007

BALANCE SHEET AS AT 31.03.2012

LIABILITIES		Sch.	Rs.	P.	ASSETS		Sch.	Rs.	P.
<u>General Fund:</u>					Fixed Assets				
Opening Balance	420,868,093.60				Investments		3	624,515,385.80	
Add: Surplus	118,506,959.26				<u>Current Assets:</u>		4	77,759,723.00	
Corpus Donation			539,375,052.86		Advance and Deposits		5	56,162,443.00	
Memorial Endowment Funds			5,235,050.00		Loans, Advances and Others		6	31,084,074.75	
Grant In Aid			160,000.00		Cash and Bank Balances		7	47,218,409.20	
Contribution from Trustees			2,186,760.00						
Loans		1	50,001.00						
Current Liabilities and Provisions		2	182,377,330.50						
			107,355,841.39						

836,740,035.75

836,740,035.75

For Ponnaiyah Ramajayam Institute of
Science & Technology Trust,

Ramajayam
MANAGING TRUSTEE



Shankar
CHARTERED ACCOUNTANT

PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST
33 & 34, NATARAJAPURAM SOUTH, M.C.ROAD, THANJAVUR - 613 007

SCHEDULE FOR THE YEAR ENDED 31.03.2012

SCHEDULE No.1 - LOANS

Rs. P.

City Union Bank - Over draft	1,884,719.50
Indian Bank - Overdraft	80,029,735.00
Indian Bank - LAD	55,771,876.00
Indian Bank - Term Loan - 84275237 - 3	548,366.00
Indian Bank - Term Loan - 84277699 - 4	3,692,312.00
Indian Bank - Term Loan - 817618215 - PONDY PROPERTY	40,450,322.00

182,377,330.50

SCHEDULE No.2 - CURRENT LIABILITIES AND PROVISIONS

Sundry Creditors	34,647,340.59
Provisions for Expenses	419,215.00
Provision for Salary	5,458,948.00
Refundable Deposit	19,105,000.00
SPRECT Trust	43,884,518.80
Certificate Deposit	6,000.00
TDS Payable	716,376.00
Unpaid Salary	61,210.00
Loan Recovery	6,120.00
Rent Advance	1,139,629.00
Scholarship Payable	1,911,484.00

107,355,841.39

SCHEDULE No.4 - INVESTMENTS

Memorial Endowment Deposits	215,125.00
Other Deposits	77,544,598.00

77,759,723.00

SCHEDULE No.5 - ADVANCE AND DEPOSITS

Rent Advance	49,045,232.00
Telephone Deposit	3,480.00
Lease Advance	300,000.00
Land Advance	4,400,250.00
EB Deposit	1,503,481.00
Advance For Petrol Expenses	900,000.00
Municipal Deposit	10,000.00
	<u>56,162,443.00</u>

SCHEDULE No.6 - LOANS, ADVANCE & OTHERS

Advance to Suppliers	12,509,331.00
Staff Advance	51,055.00
Purchase Advance	4,865.75
Sundry Debtors	10,000,000.00
Interest Receivable	8,087,105.00
TDS	431,718.00
	<u>31,084,074.75</u>

SCHEDULE No.7 - CASH AND BANK BALANCES

Cash in Hand	35,062,071.00
Petty Cash	832,416.00
City Union Bank - 87280	5,130.42
City Union Bank - 160360	11,534.50
City Union Bank - 160361	733,115.00
City Union Bank - 161885	4,834.50
City Union Bank - 88393	1,112,049.89
City Union Bank - 131845	10,590.00
Indian Bank - 757732524	5,257.00
Indian Bank - 760147197	7,443,704.89
Indian Bank - Trichy Collection a/c	4,098.00
Indian Bank - Pondy Collection a/c	5,998.00
Indian Bank - Scholarship a/c	1,982,172.00
Indian Bank - 883634306	5,438.00
	<u>47,218,409.20</u>

SCHEDULE No.8 - GENERAL AND ADMINISTRATIVE EXPENSES

Advertisement Expenses	14,018,180.90
Advocate & Legal Charges	1,138,256.00
Audit Expenses & Fees	134,183.00
Books & Periodicals	262,173.00
Freight	165,639.00
Donations	87,933.00
Guest Expenses	216,184.00
Insurance	66,081.00
Internal Audit Expenses	207,362.00
ISO Audit Fees	143,732.00
Membership & Subscription Expenses	1,252,127.00
Miscellaneous Expenses	112,681.00
Pooja Expenses	2,221,861.00
Postage & Telephone	1,143,789.00
Printing & Stationery	4,502,312.00
Rates & Taxes	247,088.00
Security Charges	599,403.00
Staff & Student Welfare	1,006,045.00
Travelling Expenses	8,842,198.00
Vehicle Hire Charges	3,270,000.00
Professional Charges	356,371.00
	<hr/>
	39,993,598.90

SCHEDULE No.9- FEES COLLECTION

Academic Fees	371,184,638.00
Distance Education Fees	53,863,243.00
Hostel Fees	3,543,135.00
Alumni Fees	648,600.00
Migration Certificate Fees	214,502.00
Uniform Fees	6,000.00
Bus Fees	1,396,335.00
	<hr/>
	430,856,453.00

PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST, THANJAVUR.

SCHEDULE NO. 3 - FIXED ASSETS - 31.3.2012

Particulars	W.D.V. As on 01/04/2011 Rs.	Additions Before Sept Rs.	Additions After Sept Rs.	Deletions Rs.	Total Rs.	Rate	Depreciation Rs.	W.D.V. As on 31/03/2012 Rs.
Land	A 29,021,950.00	925,330.00	18,506,451.00	-	48,453,731.00		-	48,453,731.00
Building	364,664,974.10	24,773,710.30	402,251.00	-	389,840,935.40	10%	38,963,981.00	350,876,954.40
Building Under Construction	2,241,859.40	24,196,192.00	37,900,230.00	-	64,338,281.40		-	64,338,281.40
B	366,906,833.50	48,969,902.30	38,302,481.00	-	454,179,216.80		38,963,981.00	415,215,235.80
Furniture	30,778,157.80	8,607,915.00	13,410,456.00	-	52,796,528.80	10%	4,609,129.80	48,187,399.00
Electrical Fittings	15,346,274.00	2,878,486.00	466,863.50	-	18,691,623.50	10%	1,845,818.50	16,845,805.00
C	46,124,431.80	11,486,401.00	13,877,319.50	-	71,488,152.30		6,454,948.30	65,033,204.00
Plant and Machinery								
Library Books	17,605,598.80	3,264,100.00	125,342.00	-	20,995,040.80	15%	3,139,854.80	17,855,186.00
Lab Equipments	41,587,500.00	11,268,962.00	4,690,709.00	-	57,547,171.00	15%	8,280,272.00	49,266,899.00
Sports Equipments	195,096.00	56,558.00	16,040.00	-	267,694.00	15%	38,951.00	228,743.00
Hostel Equipments	923,332.00	-	-	-	923,332.00	15%	138,500.00	784,832.00
Generator	3,324,295.00	-	-	-	3,324,295.00	15%	498,644.00	2,825,651.00
Canteen Equipments	149,329.00	-	-	-	149,329.00	15%	22,399.00	126,930.00
Air Conditioner	1,255,665.00	-	127,130.00	-	1,382,795.00	15%	197,885.00	1,184,910.00
Office Equipments	1,086,058.00	1,870,163.00	782,275.00	-	3,738,496.00	15%	502,104.00	3,236,392.00
Medical Equipments	90,699.00	-	-	-	90,699.00	15%	13,605.00	77,094.00
D	66,217,572.80	16,459,783.00	5,741,496.00	-	88,418,851.80		12,832,214.80	75,586,637.00
Vehicles	E 18,241,806.00	822,000.00	-	700,001.00	18,363,805.00	15%	2,754,571.00	15,609,234.00
Computer and Accessories	5,271,448.04	424,898.00	367,070.00	-	6,063,416.04	60%	3,527,929.04	2,535,487.00
Softwares	1,092,393.00	26,000.00	2,335,000.00	-	3,453,393.00	60%	1,371,536.00	2,081,857.00
F	6,363,841.04	450,898.00	2,702,070.00	-	9,516,809.04		4,899,465.04	4,617,344.00
GRAND TOTAL (A to F)	532,876,435.14	79,114,314.30	79,129,817.50	700,001.00	690,420,565.94		65,905,180.14	624,515,385.80



A. Srinivasan
CHARTERED ACCOUNTANT

Science & Technology Trust,

Ponnam
MANAGING TRUSTEE

FORM NO. 10B

[See Rule 17B]

**Audit Report under section 12A (b) of the Income-tax Act, 1961 in the case of
Charitable or religious trusts or institutions**

I/We have examined the balance sheet of **PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST** [name of the trust or institution] as at **31st MARCH 2012** and the Profit and loss account for the year ended on that date which are in agreement with the books of account maintained by the said Trust or institution.

I/We have obtained all the information and explanations, which to the best of my/our knowledge and belief were necessary for the purposes of the audit. In my/our opinion, proper books of account have been kept by the head office and the branches of the above-named trust/ institution visited by us me/us so far as appears from my/our examination of the books and proper returns adequate for the purposes of audit have been received from branches not visited by me/us subject to the comments given below: -

In my/our opinion and to the best of my/our information, and according to information given to me/us the said accounts give a true and fair view: -

- (i) In the case of the balance sheet, of the state of affairs of the above named trust/institution as at 31st MARCH 2012 and
- (ii) In case of the profit and loss account, of the profit loss of its accounting year ending on 31st MARCH 2012 the prescribed particulars are annexed hereto.

Place SIVAKASI

Date 08/08/2012

Signed

Accountant



ANNEXURE
STATEMENT OF PARTICULARS
Application of income for charitable or religious purposes

1. Amount of income of the previous year applied to charitable or religious purposes in India during that year. Rs. 42,61,75,344/-
2. Whether the trust/institution has exercised the option under clause (2) of the Explanation to section 11 (1)? If so, the details of the amount of income deemed to have been applied to charitable or religious purposes in India during the previous year NIL
3. Amount of income accumulated or set apart /finally set apart for application to charitable or religious purposes, to the extent it does not exceed 25 per cent of the income derived from property held under trust wholly /in part only for such purposes. NIL
4. Amount of income eligible for exemption under section 11(1)(c) [Give details] NIL
5. Amount of income, in addition to the amount referred to in item 3 above, accumulated or set apart for specified purposes under section 11(2) NIL
6. Whether the amount of income mentioned in item 5 above has been invested or deposited in the manner laid down in section 11(2)(b)? If so, the details thereof. NIL
7. Whether any part of the income in respect of which an option was exercised under clause (2) of the Explanation to section 11(1) in any earlier year is deemed to be income of the previous year under section 11(1B)? If so, the details thereof NIL
8. Whether, during the previous year, any part of income accumulated or set apart for specified purposes under section 11(2) in any earlier year: - NIL
 - a) Has been applied for purposes other than charitable or religious purposes or has ceased to be accumulated or set apart for application thereto, or NIL
 - b) Has ceased to remain invested in any security referred to in section 11(2)(b)(1) or deposited in any account referred to in section 11(2)(b)(1) or section 11(2) (b) (iii) or NIL

- c) Has not been utilized for purposes for which it was accumulated or set apart during the period for which it was to be accumulated or set apart, or in the year immediately following the expiry thereof? If so, the details thereof **NIL**

II. Application or use of income or property for the benefit of persons referred to in section 13 [3].

1. Whether any part of the income or property of the trust/institution was lent, or continues to in section 13(3) [hereinafter referred to in this Annexure as such person]? If so, give details of the amount, rate of interest charged and the nature of security, if any **NIL**
2. Whether any land, building or other property of the trust/institution was made, or continued to be made, available for the use of any such person during the previous year? If so, give details of the property and the amount of rent or compensation charged, if any. **NIL**
3. Whether any payment was made to any such person during the previous year by way of salary allowance or otherwise? If so, give details. **NIL**
4. Whether the services of the trust/institution were made available to any such person during the previous year? If so, give details thereof together with remuneration or compensation received, if any. **NIL**
5. Whether any share, security, or other property was purchased by or on behalf of the trust/institution during the previous year from any such person? If so, give details thereof together with the consideration paid **NIL**
6. Whether any share, security, or other property was sold by or on behalf of the trust/institution during the previous year to any such person? If so, the details thereof together with the consideration received. **NIL**
7. Whether any income or property of the trust/institution was diverted during the previous year in favour of any such person? If so, give details thereof together with the amount of income or value of property so diverted. **NIL**
8. Whether the income or property of the trust/institution was used or applied during the previous year for the benefit of any such person in any other manner? If so, give details. **NIL**

III. Investment held at any time during the previous year(s) in concerns in which persons referred to in section 13(3) have a substantial interest.

Sl. No	Name and address of the concern	Where the concern is a company No and class of shares held	Nominal value of the investment	Income from the investment	Whether the amount in Col. 4 exceeded 5% of the capital of the concern during the previous year-say. Yes/No
1	2	3	4	5	6
			NIL		
Total					


Place ...SIVAKASI.....

Date ..08/08/2012.....


Signed

Accountant



INDIAN INCOME TAX RETURN ACKNOWLEDGEMENT						Assessment Year 2013-14	
[Where the data of the Return of Income in Form ITR-1 (SAHAJ), ITR-2, ITR-3, ITR-4, ITR-4S (SUGAM), ITR-5, ITR-6 transmitted electronically with digital signature]							
DO NOT SEND THIS ACKNOWLEDGEMENT TO CPC, BENGALURU							
PERSONAL INFORMATION AND THE DATE OF ELECTRONIC TRANSMISSION	Name PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST					PAN AABTP5099B	
	Flat/Door/Block No 33-34		Name Of Premises/Building/Village			Form No. which has been electronically transmitted ITR-7	
	Road/Street/Post Office M.C. ROAD		Area/Locality NATARAJAPURAM SOUTH				
	Town/City/District THANJAVUR		State TAMILNADU		Pin 613007	Status AOP(Trusts)	
	Designation of AO(Ward/Circle) ACIT / CENTRAL CIRCLE - II / TIRUCHIRAPPALLI						
	E-filing Acknowledgement Number 787426821250913					Date(DD/MM/YYYY) 25-09-2013	
COMPUTATION OF INCOME AND TAX THEREON	1	Gross total income				1	-843084523
	2	Deductions under Chapter-VI-A				2	0
	3	Total Income				3	-843084523
	3a	Current Year loss, if any				3a	0
	4	Net tax payable				4	0
	5	Interest payable				5	0
	6	Total tax and interest payable				6	0
	7	Taxes Paid	a	Advance Tax	7a	0	
		b	TDS	7b	669611		
		c	TCS	7c	0		
		d	Self Assessment Tax	7d	0		
	e	Total Taxes Paid (7a+7b+7c+7d)	7e	669611			
8	Tax Payable (6-7e)				8	0	
9	Refund (7e-6)				9	669611	
<div style="display: flex; justify-content: space-between;"> <div> <p>This return has been digitally signed by PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST in the capacity of TRUSTEE having PAN AGCPM7443H from IP Address 210.212.249.98 on 25-09-2013 at THANJAVUR</p> <p>Dsc SI no 1303206204CN=(n)Code Solutions CA 2011-1, OID.2.5.4.51="301, & issuer GNFC Infotower", STREET="Bodakdev, S G Road, Ahmedabad",</p> </div> <div style="text-align: center;">  </div> <div> <p>AABTP5099B077874268212509132610A31CEAA669BFE9418B18243A4A00F8D3</p> </div> </div>							

**PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND
TECHNOLOGY TRUST**

33 & 34, NATARAJAPURAM SOUTH,
M.C. ROAD,
THANJAVUR- 613 007

STATUS : CHARITABLE TRUST
P.A.No. : AABTP 5099 B

ACCOUNTING Y.E. : 31.03.2013
ASST. YEAR : 2013 - 14

STATEMENT OF TOTAL INCOME FOR INCOME TAX PURPOSES

	Rs.	Rs.
INCOME DERIVED FROM THE TRUST		
Total Income		371,974,300
Less: Exempt 15%		55,796,145
Income to be applied for charitable purposes		<u>316,178,155</u>
<u>Income Applied for Charitable Purposes:</u>		
Total Expenditure as per the Income and Expenditure Account		377,324,444
Fixed Assets purchased		781,938,234
Income applied for charitable purposes		<u>1,159,262,678</u>

ASSESSMENT ASSISTANCE FOR THE ASST. YEAR : 2013 - 14

1. Tax on total income - NIL
2. Tax deducted at source - Rs. 6,69,611/-
3. Refund due - Rs. 6,69,611/- plus interest u/s. 244A
4. The trust was registered u/s. 12AA vide C.no.7162E(288)/07-08/CIT-II/TRY dated 29.08.2008
5. The trust was granted recognition u/s.80G vide C.no.7162E(288)/07-08/CIT-II/TRY dated 29.08.2008.
6. Form no.10B enclosed.

For Ponnaiyah Ramajayam Institute of
Science & Technology Trust


Managing Trustee.
MANAGING TRUSTEE



CHARTERED ACCOUNTANT

PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST

33 & 34, NATARAJAPURAM SOUTH,
M.C. ROAD,
THANJAVUR-613007

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2013

EXPENDITURE	Sch.	Rs.	P.	INCOME	Sch.	Rs.	P.
To Salary and Establishment		101,340,252.00		By Admission fees		5,154,270.00	
" Educational Expenses		27,644,772.00		" Application fees		1,994,110.00	
" General and Administrative Expenses	8	58,364,002.00		" Fees Collection	9	352,102,172.84	
" Interest & Financial Charges		63,240,640.50		" Other Income		4,974,751.00	
" EB Charges		3,093,000.00		" Interest		7,748,996.00	
" Mess and Canteen Expenses		3,302,542.50					
" Bus Maintenance		8,676,980.50					
" Repairs & Maintenance		46,668,450.00					
" Rent		60,901,940.00					
" Telephone Charges		4,091,864.00					
" Depreciation	3	75,536,634.85					
" Surplus		-80,886,778.51					
		<u>371,974,299.84</u>				<u>371,974,299.84</u>	

**For Ponnaiyah Ramajayam Institute of
Science & Technology Trust**

Ponnaiyah

Managing Trustee.

MANAGING TRUSTEE



CHARTERED ACCOUNTANT

PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST
33 & 34, NATARAJAPURAM SOUTH, M.C.ROAD, THANJAVUR - 613 007

SCHEDULE FOR THE YEAR ENDED 31.03.2013

SCHEDULE No.1 - LOANS

Rs. P.

City Union Bank - Over draft	
Indian Bank - Overdraft	80,209,339.00
Indian Bank - LAD	110,604,470.00
Indian Bank - Term Loans	748,328,460.00
	<u><u>939,142,269.00</u></u>

SCHEDULE No.2 - CURRENT LIABILITIES AND PROVISIONS

Sundry Creditors	89,497,498.59
Provisions for Expenses	659,088.00
Provision for Salary	6,628,324.00
Refundable Deposit	17,155,000.00
SPRECT Trust	82,209,024.25
Certificate Deposit	54,000.00
TDS Payable	2,590,246.00
Unpaid Salary	568,405.00
Loan Recovery	411,200.00
Rent Advance	1,300,000.00
Scholarship Payable	523,569.00
	<u><u>201,596,354.84</u></u>

SCHEDULE No.4 - INVESTMENTS

Memorial Endowment Deposits	125,000.00
Other Deposits	123,549,288.00
	<u><u>123,674,288.00</u></u>

SCHEDULE No.5 - ADVANCE AND DEPOSITS

Rent Advance	51,275,400.00
Telephone Deposit	13,480.00
Lease Advance	300,000.00
EB Deposit	1,869,834.00
Advance For Petrol Expenses	450,000.00
Municipal Deposit	10,000.00
	<hr/>
	53,918,714.00
	<hr/>

SCHEDULE No.6 - LOANS, ADVANCE & OTHERS

Advance to Suppliers	29,533,010.00
Staff Advance	102,276.00
Purchase Advance	4,865.75
Sundry Debtors	3,500,000.00
Interest Receivable	13,060,326.00
TDS	1,101,329.00
	<hr/>
	47,301,806.75
	<hr/>

SCHEDULE No.7 - CASH AND BANK BALANCES

Cash in Hand	26,041.00
Petty Cash	586,178.00
Cash at Banks	55,005,207.04
	<hr/>
	55,617,426.04
	<hr/>

SCHEDULE No.8 - GENERAL AND ADMINISTRATIVE EXPENSES

Advertisement Expenses	27,725,530.00
Advocate & Legal Charges	3,356,700.00
Audit Expenses & Fees	285,750.00
Books & Periodicals	47,948.00
Conference Expenses	42,031.00
Freight	255,390.00
Donations	1,930,512.00
Guest Expenses	485,063.00
Insurance	18,427.00
Internal Audit Expenses	257,543.00
ISO Audit Fees	178,134.00
Membership & Subscription Expenses	3,761,462.00
Miscellaneous Expenses	400,000.00
Pooja Expenses	628,114.00
Postage & Telephone	654,591.00
Printing & Stationery	4,231,700.00
Rates & Taxes	2,458,299.00
Security Charges	702,902.00
Sport Expenses	123,269.00
Staff & Student Welfare	983,288.00
Travelling Expenses	6,109,549.00
Vehicle Hire Charges	3,620,000.00
Professional Charges	107,800.00
	<u>58,364,002.00</u>

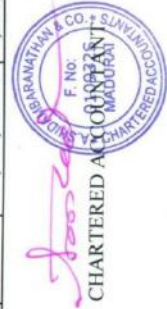
SCHEDULE No.9- FEES COLLECTION

Examination Fees	18,471,492.00
Distance Education Fees	23,168,970.64
Tuition Fees	297,523,948.00
Dissertation Fees	4,277,550.00
Other Fees	3,184,757.20
Hostel Fees	2,690,335.00
Alumni Fees	263,950.00
Migration Certificate Fees	414,300.00
Uniform Fees	7,000.00
Bus Fees	2,099,870.00
	<u>352,102,172.84</u>

PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST, THANJAVUR.
SCHEDULE NO. 3 - FIXED ASSETS - 31.3.2013

Particulars	W.D.V. As on 01/04/2012 Rs.	Additions Before Sept Rs.	Additions After Sept Rs.	Deletions Rs.	Total Rs.	Rate	Depreciation Rs.	W.D.V. As on 31/03/2013 Rs.
Land	A 48,453,731.00	161,938,924.00	7,670,500.00	-	218,063,155.00		-	218,063,155.00
Building								
Borewell	350,876,954.40	134,502,900.00	5,500,000.00	-	490,879,854.40	10%	48,812,985.40	442,066,869.00
Building Under Construction	64,338,281.40	54,676,677.00	377,498,253.00	-	496,513,211.40	10%	25,366.00	316,094.00
	B 415,215,235.80	189,345,437.00	383,173,853.00	-	987,734,525.80		-	496,513,211.40
Furniture	48,187,399.00	5,016,604.00	6,986,268.00	-	60,190,271.00	10%	48,838,351.40	938,896,174.40
Electrical Fittings	16,845,805.00	274,449.00	4,797,439.00	-	21,917,693.00	10%	5,669,714.00	54,520,557.00
	C 65,033,204.00	5,291,053.00	11,783,707.00	-	82,107,964.00		7,621,611.00	19,965,796.00
Plant and Machinery								74,486,353.00
Library Books	17,855,186.00	1,465,991.00	276,891.00	-	19,598,068.00	15%	2,918,943.00	16,679,125.00
Lab Equipments	49,266,899.00	4,794,974.00	185,642.00	-	54,247,515.00	15%	8,123,204.00	46,124,311.00
Sports Equipments	228,743.00	35,983.00	46,222.00	-	310,948.00	15%	43,176.00	267,772.00
Hostel Equipments	784,832.00	-	-	-	784,832.00	15%	117,725.00	667,107.00
Generator	2,825,651.00	409,000.00	-	-	3,234,651.00	15%	485,198.00	2,749,453.00
Canteen Equipments	126,930.00	-	-	-	126,930.00	15%	19,040.00	107,890.00
Air Conditioner	1,184,910.00	-	40,670.00	-	1,225,580.00	15%	180,787.00	1,044,793.00
Office Equipments	3,236,392.00	1,322,344.00	733,296.00	-	5,292,032.00	15%	738,808.00	4,553,224.00
Medical Equipments	77,094.00	-	-	-	77,094.00	15%	11,564.00	65,530.00
	D 75,586,637.00	8,028,292.00	1,282,721.00	-	84,897,650.00		12,638,445.00	72,259,205.00
Vehicles								
	E 15,609,234.00	9,100.00	12,270,194.45	-	27,888,528.45	15%	3,263,015.45	24,625,513.00
Computer and Accessories	2,535,487.00	204,900.00	889,553.00	-	3,629,940.00	60%	1,911,098.00	1,718,842.00
Softwares	2,081,857.00	-	50,000.00	-	2,131,857.00	60%	1,264,114.00	867,743.00
	F 4,617,344.00	204,900.00	939,553.00	-	5,761,797.00		3,175,212.00	2,586,585.00
GRAND TOTAL (A to F)	624,515,385.80	364,817,706.00	417,120,528.45	-	1,406,453,620.25		75,536,634.85	1,330,916,985.40

**For Ponnaiyah Ramajayam Institute of
Science & Technology Trust**
MANAGING TRUSTEE
Managing Trustee.



FORM NO. 10B

[See rule 17B]

Audit report under section 12A(b) of the Income-tax Act, 1961, in the case of charitable or religious trusts or institutions

We have examined the balance sheet of **PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST, AABTP5099B** [name and PAN of the trust or institution] as at **31/03/2013** and the Profit and loss account for the year ended on that date which are in agreement with the books of account maintained by the said trust or institution.

We have obtained all the information and explanations which to the best of **our** knowledge and belief were necessary for the purposes of the audit. In **our** opinion, proper books of account have been kept by the head office and the branches of the abovenamed **trust** visited by **us** so far as appears from **our** examination of the books, and proper Returns adequate for the purposes of audit have been received from branches not visited by **us**, subject to the comments given below:

NIL

In **our** opinion and to the best of **our** information, and according to information given to **us**, the said accounts give a true and fair view-

(i) in the case of the balance sheet, of the state of affairs of the above named **trust** as at **31/03/2013** and

(ii) in the case of the profit and loss account, of the profit or loss of its accounting year ending on **31/03/2013**

The prescribed particulars are annexed hereto.

Place **THANJAVUR**

Date **25/09/2013**

Name

Membership Number

FRN (Firm Registration Number)

Address

P. ANANTHAVEL**204111****010932S****25A, ATHIRSTAM H****OUSES, 249, ARUPP****UKOTTAI MAIN RO****AD, VILLAPURAM,****MADURAI 625012****ANNEXURE****Statement of particulars****I. APPLICATION OF INCOME FOR CHARITABLE OR RELIGIOUS PURPOSES**

1.	Amount of income of the previous year applied to charitable or religious purposes in India during that year (₹)	316178155
2.	Whether the trust has exercised the option under clause (2) of the Explanation to section 11(1) ? If so, the details of the amount of income deemed to have been applied to charitable or religious purposes in India during the previous year (₹)	No
3.	Amount of income accumulated or set apart for application to charitable or religious purposes, to the extent it does not exceed 15 per cent of the income derived from property held under trust wholly for such purposes. (₹)	No
4.	Amount of income eligible for exemption under section 11(1)(c) (Give details)	No
5.	Amount of income, in addition to the amount referred to in item 3 above, accumulated or set apart for specified purposes under section 11(2) (₹)	0
6.	Whether the amount of income mentioned in item 5 above has been invested or deposited in the manner laid down in section 11(2)(b) ? If so, the details thereof.	No
7.	Whether any part of the income in respect of which an option was exercised under clause (2) of the Explanation to section 11(1) in any earlier year is deemed to be income of the previous year under section 11(1B) ? If so, the details thereof (₹)	No
8.	Whether, during the previous year, any part of income accumulated or set apart for specified purposes under section 11(2) in any earlier year-	
(a)	has been applied for purposes other than charitable or religious purposes or has ceased to be accumulated or set apart for application thereto, or	No
(b)	has ceased to remain invested in any security referred to in section 11(2)(b)(i) or deposited in any account	No

PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND
TECHNOLOGY TRUST

33 & 34, NATARAJAPURAM SOUTH,
M.C. ROAD,
THANJAVUR- 613 007

STATUS : CHARITABLE TRUST
P.A.No. : AABTP 5099 B

ACCOUNTING Y.E. : 31.03.2014
ASST. YEAR : 2014 - 15
DOF : 01/10/2004

STATEMENT OF TOTAL INCOME FOR INCOME TAX
PURPOSES

INCOME DERIVED FROM THE TRUST

Total Income	383,406,064
Less: Exempt 15%	<u>57,510,910</u>
Income to be applied for charitable purposes	<u><u>325,895,154</u></u>

Income Applied for Charitable Purposes:

Total Expenditure as per the Income and Expenditure Account	437,873,141
Fixed Assets purchased	1,324,205,863
Income applied for charitable purposes	<u><u>1,762,079,004</u></u>

ASSESSMENT ASSISTANCE FOR THE ASST. YEAR : 2014 -
15

1. Tax on total income - NIL
2. Tax deducted at source ₹16,73,721/-
3. Refund due ₹.16,73,721/- plus interest u/s. 244A
4. The trust was registered u/s. 12AA vide C.no.7162E(288)/07-08/CIT-II/TRY dated 29.08.2008
5. The trust was granted recognition u/s.80G vide C.no.7162E(288)/07-08/CIT-II/TRY dated 29.08.2008
6. Form no.10B enclosed.

For Ponnaiyah Ramajayam Institute of
Science & Technology Trust.


Managing Trustee
MANAGING TRUSTEE


CHARTERED ACCOUNTANT



PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST

33 & 34, NATARAJAPURAM SOUTH,
M.C. ROAD,
THANJAVUR-613007

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st MARCH 2014

EXPENDITURE	Sch.		INCOME	Sch.	
To Salary and Establishment		112,685,417.00	By Admission fees		2,693,275.00
„ Educational Expenses		25,257,634.40	" Application fees		2,744,122.00
„ General and Administrative Expenses	8	73,468,111.00	„ Fees Collection	9	360,838,164.00
„ Interest & Financial Charges		103,284,456.92	„ Other Income		659,000.00
„ EB Charges		6,519,385.00	„ Interest		11,821,876.00
„ Mess and Canteen Expenses		4,446,497.00	„ Insurance Claim		110,750.00
„ Medicine Purchases		2,476,546.00	„ Donation		4,538,877.00
„ Bus Maintenance		13,300,926.00			.
„ Repairs & Maintenance		30,478,806.25			
„ Rent		61,229,000.00			
„ Telephone Charges		4,726,361.00			
„ Depreciation	3	112,065,286.00			
„ Surplus		(166,532,362.57)			
		<hr/>			<hr/>
		383,406,064.00			383,406,064.00
		<hr/>			<hr/>

For Ponnaiyah Ramajayam Institute of
Science & Technology Trust.


Managing Trustee.
MANAGING TRUSTEE


CHARTERED ACCOUNTANT



PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST

33 & 34, NATARAJAPURAM SOUTH,
M.C. ROAD,
THANJAVUR-613007

BALANCE SHEET AS AT 31st MARCH 2014

LIABILITIES	Sch.	`	ASSETS	Sch.	`
<u>General Fund:</u>			Fixed Assets	3	2,543,057,562.40
Opening Balance		458,488,274.35	Investments	4	174,810,663.00
Add: Surplus		<u>-166,532,362.57</u>	<u>Current Assets:</u>		
Corpus Donation		291,955,911.78	Advance and Deposits	5	54,146,294.00
Memorial Endowment Funds		8,440,050.00	Loans, Advances and Others	6	125,372,337.00
Grant In Aid		160,000.00	Cash and Bank Balances	7	3,025,139.84
Contribution from Trustees		9,781,378.00			
Loans	1	50,001.00			
Current Liabilities and Provisions	2	2,025,757,295.72			
		564,267,359.74			
		<hr/>			
		2,900,411,996.24			<hr/>
		<hr/>			2,900,411,996.24
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For Ponnaiyah Ramajayam Institute of
Science & Technology Trust.


Managing Trustee,
MANAGING TRUSTEE


CHARTERED ACCOUNTANT



PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST
33 & 34, NATARAJAPURAM SOUTH, M.C.ROAD, THANJAVUR - 613 007

SCHEDULE FOR THE YEAR ENDED 31.03.2014

SCHEDULE No.1 - LOANS

Indian Bank - Overdraft	77,365,996.72
Indian Bank - LAD	112,573,311.00
Indian Bank - Term Loans	1,831,970,204.00
Kotak Mahindra Prime Ltd. - Term Loan	3,847,784.00
	<u>2,025,757,295.72</u>

SCHEDULE No.2 - CURRENT LIABILITIES AND PROVISIONS

Sundry Creditors	237,480,549.77
Advance from Trustees	7,491,549.00
Provisions for Expenses	331,944.00
Provision for Salary	7,019,104.00
Refundable Deposit	16,655,000.00
SPRECT Trust	289,594,831.25
Certificate Deposit	483,300.00
TDS Payable	2,274,392.72
Professional Taxes	164,830.00
Unpaid Salary	696,292.00
Loan Recovery	8,000.00
Rent Advance	1,350,000.00
Scholarship Payable	717,567.00
	<u>564,267,359.74</u>

SCHEDULE No.4 - INVESTMENTS

Memorial Endowment Deposits	75,000.00
Other Deposits	174,735,663.00
	<u>174,810,663.00</u>

For Ponnaiyah Ramajayam Institute of
Science & Technology Trust.

MANAGING TRUSTEE


CHARTERED ACCOUNTANT



SCHEDULE No.5 - ADVANCE AND DEPOSITS

Rent Advance	51,375,400.00
Telephone Deposit	23,480.00
Lease Advance	300,000.00
EB Deposit	1,987,414.00
Advance For Petrol Expenses	450,000.00
Municipal Deposit	10,000.00
	<u>54,146,294.00</u>

SCHEDULE No.6 - LOANS, ADVANCE & OTHERS

Advance to Suppliers	76,339,997.00
Staff Advance	500,000.00
Purchase Advance	3,800,000.00
Sundry Debtors	24,499,537.00
Interest Receivable	17,457,753.00
TDS	2,775,050.00
	<u>125,372,337.00</u>

SCHEDULE No.7 - CASH AND BANK BALANCES

Cash in Hand	13,596.00
Petty Cash	395,918.00
Cash at Banks	2,615,625.84
	<u>3,025,139.84</u>

For Ponnaiyah Ramaswamy Institute of
Science & Technology Trust.


Managing Trustee
MANAGING TRUSTEE


CHARTERED ACCOUNTANT



SCHEDULE No.8 - GENERAL AND ADMINISTRATIVE EXPENSES

Advertisement Expenses	42,080,990.00
Advocate & Legal Charges	1,074,256.00
Audit Expenses & Fees	104,785.00
Books & Periodicals	62,701.00
Conference Expenses	130,086.00
Educational Development Expenses	3,513,879.00
Freight	227,334.00
Donations	2,364,957.00
Guest Expenses	267,075.00
Insurance	281,327.00
ISO Audit Fees	101,124.00
Membership & Subscription Expenses	188,219.00
Miscellaneous Expenses	98,728.00
Pooja Expenses	1,150,476.00
Postage & Telephone	678,906.00
Printing & Stationery	4,549,836.00
Professional Fees	710,600.00
Rates & Taxes	1,898,124.00
Registration Expenses	104,164.00
Security Charges	982,414.00
Staff & Student Welfare	1,121,015.00
Transport Expenses	587,880.00
Travelling Expenses	5,744,844.00
Vehicle Hire Charges	4,920,000.00
Vehicle Insurance	524,391.00
	<u>73,468,111.00</u>

SCHEDULE No.9- FEES COLLECTION

Alumni Fees	234,608.00
Bus Fees	2,798,225.00
Examination Fees	31,094,522.00
Dissertation Fees	5,898,430.00
Distance Education Fees	7,430,350.00
Fine & Breakages	4,087,252.00
Hostel Fees	2,830,196.00
Tuition Fees	301,080,233.00
Other Fees	4,821,588.00
Migration Certificate Fees	53,110.00
Registration Fees	509,650.00
	<u>360,838,164.00</u>

For Ponnaiyah Ramajayam Institute of
Science & Technology Trust.


Managing Trustee
MANAGING TRUSTEE



CHARTERED ACCOUNTANT

PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE AND TECHNOLOGY TRUST, THANJAVUR.
SCHEDULE NO. 3 - FIXED ASSETS - 31.3.2014

Particulars		W.D.V. As on 01/04/2013 '''	Additions Before Sept	Additions After Sept	Deletions ,	Total ,	Rate	Depreciation ,	W.D.V. As on 31/03/2014 ,
Land	A	218,063,155.00	3,801,877.00	-	1,060,000.00	220,805,032.00		-	220,805,032.00
Building		442,066,869.00	-	495,207,716.00	9,810,000.00	927,464,585.00	10%	68,967,073.00	858,497,512.00
Borewell		316,094.00	331,707.00	-	-	647,801.00	10%	64,780.00	583,021.00
Building Under Construction		496,513,211.40	411,756,298.00	832,299,054.00	480,136,797.00	1,260,431,766.40		-	1,260,431,766.40
	B	938,896,174.40	412,088,005.00	1,327,506,770.00	489,946,797.00	2,188,544,152.40		69,031,853.00	2,119,512,299.40
Furniture		54,520,557.00	5,060,355.00	957,825.00	-	60,538,737.00	10%	6,005,982.00	54,532,755.00
Electrical Fittings		19,965,796.00	9,282,868.00	1,728,625.00	-	30,977,289.00	10%	3,011,298.00	27,965,991.00
	C	74,486,353.00	14,343,223.00	2,686,450.00	-	91,516,026.00		9,017,280.00	82,498,746.00
Plant and Machinery									
Library Books		16,679,125.00	2,200,349.00	507,734.00	-	19,387,208.00	15%	2,870,001.00	16,517,207.00
Lab Equipments		46,124,311.00	5,709,238.00	8,023,561.00	-	59,857,110.00	15%	8,376,799.00	51,480,311.00
Sports Equipments		267,772.00	-	39,500.00	-	307,272.00	15%	43,128.00	264,144.00
Hostel Equipments		667,107.00	-	-	-	667,107.00	15%	100,066.00	567,041.00
Generator		2,749,453.00	-	410,000.00	-	3,159,453.00	15%	443,168.00	2,716,285.00
Canteen Equipments		107,890.00	-	-	-	107,890.00	15%	16,184.00	91,706.00
Air Conditioner		1,044,793.00	198,623.00	251,930.00	-	1,495,346.00	15%	205,407.00	1,289,939.00
Office Equipments		4,553,224.00	4,039,929.00	1,234,347.00	-	9,827,500.00	15%	1,381,549.00	8,445,951.00
Medical Equipments		65,530.00	505,527.00	227,205.00	-	798,262.00	15%	102,699.00	695,563.00
	D	72,259,205.00	12,653,666.00	10,694,277.00	-	95,607,148.00		13,539,001.00	82,068,147.00
Vehicles	E	24,625,513.00	12,089,482.00	1,520,000.00	7,003,209.00	31,231,786.00	15%	4,570,768.00	26,661,018.00
Computer and Accessories		1,718,842.00	22,867,223.00	1,465,504.00	-	26,051,569.00	60%	15,191,290.00	10,860,279.00
Softwares		867,743.00	148,768.00	350,624.00	-	1,367,135.00	60%	715,094.00	652,041.00
	F	2,586,585.00	23,015,991.00	1,816,128.00	-	27,418,704.00		15,906,384.00	11,512,320.00
GRAND TOTAL (A to F)		1,330,916,985.40	477,992,244.00	1,344,223,625.00	498,010,006.00	2,655,122,848.40		112,065,286.00	2,543,057,562.40

For Ponnaiyah Ramajayam Institute of
Science & Technology Trust.


MANAGING TRUSTEE


CHARTERED ACCOUNTANT



6.4.5 Narrate the efforts taken by the University for Resource Mobilization.

The potential source of funds is project funding from government agencies such as DST DRDO DBT , WNRf etc. The funds are also mobilized through consistency services and training, testing etc. Alumni Association also supports the expenditure incurred for some of the learning infrastructures.

**6.4.6 Is there any provision for the university to create a corpus fund? If yes, give details
Yes.**

The University is having a corpus fund for a tune of Rs.5.0 crores as fixed deposit.

6.5 Internal Quality Assurance System

6.5.1 Does the university conduct an academic audit of its departments? If yes, give details.

The University is conducting the academic audit through IQAC. The information regarding the faculty and department performance is collected for analysis. The academic auditors make visits to the department and verify the information furnished by the department. Finally the academic audit report will be submitted to the Vice Chancellor for taking follow-up action.

6.5.2 Based on the recommendations of the academic audit, what specific measures have been taken by the university to improve teaching, learning and evaluation?

Based on the academic audit reports department heads have been given instruction to update the records wherever deficiency were observed. Moderate performing faculty members are motivated through senior faculty to improve their performance. Counselling has been given to low performing faculty for improvement. Highly performing faculty are recognised for rewards and incentives. Besides, the University has constituted a Task Force with eminent educationist as the Chairperson in June 2010. The meeting of University Task Force is conducted every month and it has completed its 50th Meeting recently. The University Task Force has made a number of recommendations for enhancing the quality of academic and administrative activities in the campus.

6.5.3 Is there a central body within the university to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

Yes.

The University has established the Centre for Development of Teaching & Learning.

This centre has an Advisory Committee under the chairmanship of Dean (Academic Affairs). This centre reviews the teaching and learning process of various departments continuously. Workshops and training programmes are organised by this centre for the teaching staff to adopt innovative learning and teaching methods. The centre is taking care of activities like Peer Review of Teaching, Peer Tutoring and e-Tutoring.

6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?

The IQAC has design a Quality Management System for the University. It has formulated the Quality Policy of the University and circulated to all divisions of the University. Faculty and students were informed about the quality objectives and goals for each academic year. It has developed templates for collecting various types of feedbacks. Quality oriented Workshops are being organised by the IQAC regularly. Moreover IQAC develop a team of 25 Internal Quality Auditors and is conducting Internal Quality Audit every year on the lines of ISO 9001:2008 standard.

6.5.5 How many decisions of the IQAC have been placed before the statutory authorities of the University for Implementation?

IQAC is meeting once in three months and has placed number of recommendations before the statutory authorities of the University for their Active Consideration. Some of the notable recommendations are

- Establishment of various schools in the university
- Constitution of Board of School for each school.
- Establishment of University Sophisticated Scientific Instruments Centre.
- Establishment of Study Material Development Cell in the university
- Establishment of University Research Board.
- Evolution of the University Administrative Structure.

- Constitution of Deans Council in the University.
- Constitution of Standing Committee for Academic Council in the University.
- Constitution of Standing Committee for Board of Management in the University.
- Drafting Perspective Plan for the University.
- Introduction of Finishing School concept in the University in order to offer skill development programme for the students.
- Constitution of Central Purchase Committee in the University.
- Introduction of financial assistance for Student Innovative Projects in order to motivate students to come out with innovative projects.
- Establishment of Institution – Industry Interaction Cell in the University.
- Establishment of University Consultancy Cell in the University.
- Establishment of Publicity and Information Cell in the University
- Establishment of Centre for Sustainable Development in the University.
- Constitution of University SWOT Analysis Committee to prepare a comprehensive SWOT Analysis Report which may be helpful for drafting the University Strategic Plan.
- Drafting plan to undergo accreditation process with Foreign Accrediting Agencies.
- Establishment of Pre-Engineering Course Development Cell in the University.
- Establishment of Energy Park in the University.
- Establishment of Center for International Relations in the University with an aim to attract more International Students and to come with more International Collaborations.
- Establishment of PRIST Assessment Centre which may be responsible for carrying out all type of assessment of performance in all academic and administrative units.
- Establishment of PRIST Green Cell.
- Establishment of the Centre for Innovation, Incubation and Entrepreneurship in the University.
- Establishment of the following sections in the University Administrative Office
 - Office of Registrar - Overall Administration
 - Sections
 - Academic Section
 - Collaborative Section
 - Development Section
 - Establishment Section
 - Estate Office

- Examination Section
 - Finance & Accounts Section
 - Innovations, reforms and quality section
 - Purchase Section
- Establishment of the Centre for Virtual Education in the University.
- Establishment of Knowledge Management Centre.
- Introduction of awards of Certificates for “Good Academic Standing” and “Distinguished Academic Standing”.
- Constitution of Deans Committee for drafting the frame work for curriculum reforms with the view to improve teaching, research, innovation and creativity skills and to identify necessary reforms in course development, teaching, learning, assessment and evaluation.
- Constitution of Self Learning Material Scrutiny Committee for all faculties.
- Establishment of Centre for Information Technology Integration in the University.
- Establishment of “Knowledge Resource Centre”.
- Evolving the draft copy of Vision 2020 document
- Establishment of e – Learning Incubator in the University.
- Introduction of Degree Audit Tracking System in the University.
- Introduction of Students Portfolio System in the University.
- Introduction of Peer Academic Development programme in the university
- Evolving the Five Year Vision Document for School of Business by taking into consideration, the following parameters, namely, Curriculum, Teaching and Learning, Assessment, Experimental Learning, Infrastructures, Research, Student Support Services, Training and Placement, Innovations and Students Admission, in order to transform PSB as a School of Excellence.
- Drafting plan for organizing a Work Shop on “Blended Learning and its Implementation”.
- Implementation of Digital Badges Technology in the University to start with issue of hard copies of certificates may be continued along with adoption of Digital Badges Technology.
- Introduction of “Term Paper” in the curriculum, to start with that may be implemented in PG curriculum.

- Introduction of Course Delivery Map System as presented by the Software Development Unit.
- Introduction of online feedback system in the University.
- Establishment of a new Research Centre on crystallography in the University.
- Identification of NPTEL Courses beyond the PRIST Curriculum for earning extra credits by the advanced learners.

6.5.6 Does the IQAC have external members on its committees? If so, mention any significant contribution made by such members.

The IQAC has the following external members on its committees.

1. Dr.S.Krishna Mohan
Scientist 'E'
Defence Research & Development Laboratory,
Kanchanbag,
Hyderabad,
Telungana.
2. Prof.K.Sivasankara Reddy
Former Rector
SV University,
Vidhya Nagar,
Tirupathi – 517 502,
Andhrapradesh.
3. Mr. P. Arivanandam
Former General Manager,
Indian Bank,
Chennai.
4. Mr.P.Govindaraj
Industrialist,
Thanjavur.
5. Mr.Ganesh Muthaiyah
Industrialist,
Thanjavur.

The recommendations such as “Implementation of Digital Badges Technology in the University to start with issue of hard copies of certificates may be continued along with adoption of Digital Badges Technology”, “Introduction of “Term Paper” in the curriculum, to start with that may be implemented in PG

curriculum”, etc., have been contributed by the external members in the IQAC

6.5.7 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?

The IQAC is continuously monitoring the academic growth of students from disadvantage sections of society with regard to their performance in examinations and placements. Based on the observations, IQAC has recommended to organise special remedial programmes/training/ coaching / awareness programmes exclusively for the students emerging from the disadvantage sections of society.

6.5.8 What policies are in place for the periodic review of administrative and academic departments, subject areas, research centres, etc.?

The following policies are in place for the periodic review of administrative and academic departments, subject areas, research centres etc.

- Quality policy
- Finance Policy
- Purchase Policy
- Maintenance Policy
- Academic Quality Management Policy
- Admission Policy
- Policy on Student Induction
- Research Policy
- Staff Training and Development Policy
- Book Acquisition Policy
- Policy on Consultancy and other outside services
- Information Technology Related Policies
- Copyright Policy
- Intellectual Property Policy
- University Website and e-Communication Policy
- University Records Management Policy

Moreover, the University is very keen on implementing the above mentioned policies at all levels of management. Complete transparency is being maintained in management practices. Offices of the University are fixed with their responsibility and accountability. Special care has been taken to ensure optimum utilization of human resources and physical infrastructures facilities. Academic and Administrative audit is being carried out

regularly. Several welfare schemes have been introduced for the benefit of Teaching Staff, Non Teaching Staff and Students.

The meritorious Services of staff members are duly recognised by means of awards and issue Certificate of Merit. Steps have been taken by all departments to see that the academic calendar is strictly adhered.

Widely published transparent admission process, availability of state of art learning infrastructures, effective course delivery, efficient evaluation process, timely publication of results, opportunity for the stakeholders to give their feedback on the services provided by the Institution and availability of good redressal mechanism bring reputation for the institution. The University is adopting a strong grievance redressal mechanism for the benefit of all stakeholders.

Any other information regarding Governance, Leadership and Management which the university would like to include.

Besides, the policies indicated under 6.5.8 the university has published the following Handbooks/Manuals/Policy documents for the efficient functioning of various academic & administrative units in the University.

- Admission withdrawal and Tuition Fee Refund Policy
- Code of Practice on Plagiarism & Academic Dishonesty
- Credit Transfer Policy
- Examination Section Manual
- Equality, Diversity and Inclusion Policy
- Handbook on Admission of NRI / Overseas Students
- Handbook on Peer Review of Teaching
- Handbook on Academic Writing
- Industrial Visits & Training-Guidelines 2014
- Peer Tutoring Manual
- Student Monitoring and Progression Policy
- Student Academic Grievance Policy & Procedure
- Student Personal Development Planning
- Student Related Policies & Templates
- University Policy on Services for Students with Disabilities (SSD)
- University Students Records Disposition Schedule
- Visitors Protocol Manual

CRITERION VII: INNOVATIONS AND BEST PRACTICES

7.1 Environment Consciousness

7.1.1 Does the university conduct a Green Audit of its campus?

Yes, The University conducts Green Audit of its campus. Green audit is a systematic and methodical assessment and review of the organization's activities and its services in relation to environmental green issues. The University Green Auditing involves auditing of the water, energy, biodiversity, waste management. Based on recommendations of these audit reports, several policy decisions have been taken by the university management to improve efficiency in the resource utilization as well as waste-management. Also, it enables proper waste reduction and recycling practices through education and communication efforts.

The objective of the university's green auditing is towards development of an eco-friendly campus, with focus on the efficient usage of energy and water, minimization of waste generation (or pollution) and enhancement in economic efficiency, in addition to reduction of the University's contribution to emissions of green house gases.

7.1.2 What are the initiatives taken by the university to make the campus eco-friendly?

➤ Energy conservation

The following steps have been taken for energy conservation in the campus:

- Master switches are provided for classrooms and student volunteers are appointed for switching off the lights and fans, when not in use.
- Copper-chock have been converted to electronic chocks in tube lights
- The newly built constructions are so built as to enhance more natural lighting and ventilation. In fact, the newly built Auditorium at Silver Jubilee block is lighted almost 80% naturally.
- Periodically energy auditing is carried out by Centre for Environmental Engineering to monitor the energy consumption scenario and to improve energy efficiency.
- Hibernation is made mandatory for computer not in action for 15

minutes and auto switch-off after 30 minutes, especially in computer centers.

- LCD monitors are being used in the campus to consume less energy. Most of the computer peripherals are modernized and updated.
- The UPS has been optimized with regard to number of computers attached, so as to handle the adequate loading.
- Overload and shock in the electricity has been automated by tripping system.
- All air conditioners are being used sparingly, and whenever used, timers are introduced in air conditioners in Computer Technology centers and other departments which save energy.
- The cooling temperature in all the Air Conditioners are maintained to be 26⁰C and with timer for switching on and off every one hour.
- Buildings are painted in light colors to enhance natural cooling within the campus.
- In canteens and hostel mess, monitoring of the burners is being done periodically (once in a month).
- All the exhaust fans are regularly cleaned for oily deposits to enhance their performance
- The refrigerators are regularly defrosted to improve the efficiency and reduce the power consumptions.
- The windows of classrooms and staffrooms are mostly kept open to allow natural lighting and ventilation.
- Each construction block is surrounded with ample open spaces. Also to ensure natural lighting and ventilation.
- On all sides of buildings shade giving trees have been planted to reduce the air temperature in the rooms.
- Curtains are installed for all windows to prevent the heating of the room by sunlight.
- All the equipment in laboratories are regularly monitored for their performance and in case of aberration from expected power ratings and performance
- Fresh and seasonal vegetables are purchased from local markets to reduce the need of refrigeration and attendant power consumption.

➤ **Use of renewable energy**

- Towards use of renewable energy, the University maintains a solar energy illuminated block at library building, and is in the process of increasing more solar-lighting system.
- The biogas plant is being installed using the canteen waste in the

campus. The jetropha plants are being maintained, and their seeds are being studied for their biodiesel-yields, at student's project level. Streets are cleaned by brooms instead of water hose.

➤ **Water harvesting**

- Presently the natural slope in the campus is automatically directed towards the recharging of the soil adjacent to the bore wells, which are pumped for regular usage, subsequent to treatment by reverse osmosis, periodically monitored by the Environmental Engineering faculty.
- Project for enhanced rainwater harvesting design has been completed as an institutional project and two suitable recharging ponds are being delineated, and constructed to collect and recharge the groundwater.
- Roof-top harvesting is being planned for one block in the current academic session.
- The brine water from RO plants is used to recharge the ground water in the vicinity of bore-well where the water is pumped.
- The residual run-off from the campus is being drain into nearby canal (*Mudulai muthu vari*) which drains into a nearby earth-dam meant for irrigation and domestic purpose.
- Soak pits are provided in all buildings of the Institution and hostels.

➤ **Check dam construction**

- Because of absence of flowing water bodies in the campus, there is no necessity of going for check dam construction.

➤ **Efforts for Carbon neutrality**

- To ensure carbon neutrality, the university ensures a smoke-free campus, by ensuring the vehicle parking at the main-gate. Automobiles are not permitted inside the campus, in normal situations.
- In addition to the provision of more parking area at the entrance, it also provided a canopy-covered pathway encouraging walking and cycling in the campus.
- All the buildings in the campus are surrounded by trees and lawns.
- Transportations are mostly by bus whose routes have been optimized to minimize total travel distance and hence fuel consumption.
- Speed governors have been installed in all university buses to reduce the fuel consumptions and maintain uniform spacing

without unnecessary speed-ups, slow-downs and stops (and, hence, additional fuel consumptions).

- Solar water heaters and solar street-lights are proposed to be used in hostels for supplying hot water, and for street lighting, respectively.
- To deal with indoor air pollution and attendant Sick Building Syndrome (SBS) indoor plants (viz. snake plant, aloe vera, etc.) are maintained at the offices.

➤ **Plantation**

- The campus is rich with plantations, namely coconut, black-berry, red-sandalwood, almond and neem.
- By the collaboration of the Forest Extension Division, there is an herbal garden with more than 100 species of medicinal plants maintained by the university.
- The plantation of xerophytes are being carried out recently, to reduce water requirement, coordinated by Green Club.
- The college campus looks green and beautiful because of the garden maintained within campus, and is well maintained and watered regularly. Both sides of access roads are planted with trees and plants.

➤ **Hazardous waste management**

- Generation of hazardous waste is minimised by rationing their issue and usage with the concern persons.
- For the new constructions, fly-ash bricks are being used. The Laboratory wastes (especially chemical and biological) are suitably neutralized and rendered safe before disposal/return to vendors.
- Campus is regularly maintained clean by a whole batteries of sweepers and scavengers.
- The toxic, reactive, ignitable and corrosive wastes of the campus, which are essentially associated with the laboratories are disposed separately after due neutralisation/detoxification into adjacent drains (ion exchange, precipitation, oxidation and reduction).
- Polythene bags and other non - decomposable wastes are separated at source before disposing the organic wastes.
- Periodic monitoring of the ground water is being carried out to ensure no contamination from disposed hazardous wastes.
- Biological wastes from laboratories and animal house are rendered safe using autoclave and incineration (depending on the type of waste).
- The laboratories dealing with microbial activities are periodically fumigated for ensuring infection free environment.

- The sewage generated from hostels is treated by oxidation lagoon coupled with constructive wetlands.

➤ **e-waste management**

- Disposal of e-wastes is strongly prohibited in the campus, by procuring good quality gadgets (as a purchase policy) and returning to the suppliers the outdated gadgets (computer accessories, CRT's, UPS, Catridges, batteries, etc.)
- Students are not allowed to use mobiles in the campus or dispose e-wastes (sim-card, batteries, etc.)
- The old computer and other electronic/electrical accessories (CRTs and other disposable gadgets from electronic laboratories), are given in charity to organization in need of them or students intending to carry out projects based on them or given back to students to use them in further projects.
- Students have been carrying out projects for possible e-waste management (esp. chromium) through constructed wetland, and further research are being encouraged in this area.
- Computers, Printers and other ICT equipment which cannot be used are sold to suitable vendors for the recycling. The useful hardware spare parts are retained in e-waste collection area and put to use later.
- Instead of CDs, solid state devices such as, pen-drives have been used.

➤ **Any other (please specify)**

- The landscaping of the campus has been maintained and enhanced by dedicated gardeners. The vermi composting is being envisioned with the litters collected every day.
- The students are encouraged through Green Cell to carry out innovative projects for environmental friendliness of the campus and develop environmental ethics.
- Printing is done on both sides of the paper. Accordingly, separate file is maintained for one sided papers for printing further.
- Instead of sending circulars for important notifications, emails are being used. Similarly, study materials and model question papers are given as soft copies for students, instead of hard copies.

7.2 Innovations

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the university.

During the last four years, the following innovations are introduced to create a positive impact on the efficient functioning of the university

Center for Development of Teaching & Learning (CDTL)

Centre for Development of Teaching & Learning (CDTL) was established in 2010 and is committed to sharing ideas and insights on teaching for the advancement of learning leading to academic success both for the faculties and for the students.

Vision:

To be a centre of excellence for sharing good practices in faculty with teaching & learning and for motivating the faculty and students to adapt innovative teaching and learning methods by making use of the latest technology.

Mission:

To help advance cutting edge, evidence based, impactful teaching & learning practices in order to create and sustain an educational environment in which each student is cultivated to have self confidence and to create his/her own opportunities for acquiring essential knowledge and skill for their career prospects.

Objectives:

- Enhance the quality of teaching at all levels and amongst young teachers.
- Provide an opportunity for faculty members at all levels to adopt modern tools and technologies for better reach of the concept and functionalities to the students.
- Provide a forum for research scholars in the art of writing for reporting the research processes, innovations and findings.
- Introduce graduate–students’ learning by e-Resources and e-Tools.
- Incubate Critical Thinking skills, Creative Skills, Problem based learning skills among students.

Course Delivery Mapping

Course Delivery Mapping is carried continuously throughout the semester. The purpose of Course Delivery Mapping is as follows:

- to provide Departments with qualitative and quantitative information as a tool for the good management of the units for which they are responsible
- to identify any indicators of good practice in the delivery of the course contents
- to identify individual courses in which the proportions of students who pass or fail are seen as atypical either in the context of related courses or in the subject area to which it belongs; to initiate enquiry as to the reasons for atypical performance and to take prompt action as deemed necessary
- to identify courses in which there is a trend over a period of time showing a marked difference in the performance of course delivery and to identify the reasons for such differences, and to take remedial action as necessary
- to address course specific issues, if any, with regard to prompt and effective delivery of courses
- to identify actions to undertake before the next delivery of similar courses in view of the experience of delivering the courses over a period of time and specifically the last delivery.

E-Content Development Cell

In the growth of technology applications in education, we are moving towards a Virtual Reality where the distance between the teacher and the taught is nil. The possibility of such virtual reality can be made by generating good e-Contents and accessible by all. E-content is digital information delivered over network-based electronic devices, which allow them to share visions and influence each other's knowledge. A systematic and scientific approach is needed to develop quality e-content. Instructional Design is the teaching device that makes instruction as well as instructional material more engaging, effective and efficient. The common phases in the development of e-content are planning, design, development and evaluation. The E-Content Development Cell takes the responsibility of organizing workshops and training programmes for faculty to acquire the skill for developing quality e-content for the benefit of student community of this university.

Peer Review of Teaching

- Peer review of teaching can be, and often is, primarily summative as well. For example, in faculty annual reviews, nominations for

teaching awards, and so on, the focus is on a faculty member's progress towards fulfillment of specific requirements. In contrast, the peer review workshops, consultations, and other services offered by CDTL are **formative**.

- In formative review, the goal is to provide collegial assistance for the enhancement of teaching and learning. Formative peer review of teaching is a process for gathering feedback on one's teaching, reflecting on the alignment of teaching strategies with the objectives, assignments, and assessments used, monitoring student learning, and improving the fit between teaching approaches and student learning if necessary.

Course Portfolio

Many creative and effective teaching strategies are forgotten or misplaced between semesters, only to be re-learned in subsequent semesters or lost forever. In the University, no formal mechanism is in place to pass course-specific teaching information from instructor to instructor. A solution to this problem is the course portfolio, a resource exchange of course-specific teaching information.

Teaching Portfolio

A teaching portfolio is an organized and systematic collection and compilation of documents used as evidence for teaching performance. A teaching portfolio, thus, consists of a collection of documents and description of lecturers' roles and responsibilities, contributions, as well as achievements which demonstrate the scope and quality of their teaching. It also acts as an evidence of the various activities carried out in relation to the enhancement of teaching and learning, research and service.

Hence, the teaching portfolio provides an opportunity to foster a culture of teaching excellence as it can be used as a source of information and evidence of teaching activities, contributions and achievements.

The teaching portfolio documents a lecturer's professional journey as evident in reflective activities and evaluation of a lecturer's work throughout the process of teaching and learning. It may include the following information:

- record of teaching duties and responsibilities in the form of course information, lesson plan, time table, etc.
- record of teaching related duties and responsibilities such as supervision, academic advising, etc.
- description of instructional materials developed and used

- description of assessment methods employed
- samples of students' work

Consultancy Services cell

The University has constituted a consultancy service cell. The objective of the cell is to utilize the faculty expertise available at the University and extend our research activities by joining hands with technologically and commercially sound organizations to assure bilateral growth and competency without compromising the aspirations.

University Scientists Forum

This University conducts a Scientist debate once a month on emerging science and technology topics. The main purpose of the Scientist Forum is to update the understanding in current research field and disseminate knowledge to the working group to generate new and/or improve ideas for further research and promote interdisciplinary research collaboration within the groups.

Research Scholars' Journal club

Research Scholars' Journal club meetings are also conducted regularly in the University for research scholars. All research scholars meet once a month and present their research findings and challenges to be addressed. These things are discussed in details among the scientific team of scholars, scientists, research supervisors and professors. These journal club meetings are of great help in shaping our PhD research scholars to think in different perspectives and addressing the issues. It also helps the scholars on improving their data interpretation knowledge, presentation skills, stage management, interpersonal skills, and language skills.

Students Innovation Park

The Student's Innovation Park is established to commemorate the five year completion of PRIST University. The aim of this SIP is to nurture the innovative skills of the students and faculty of our university. It facilitates interdisciplinary research and innovations. Through this SIP, basic funding is provided to students having innovative ideas in the form of seed money to their proposed projects. SIP also provides resources for startups from students and faculty. The outcome of students innovative projects are being exhibited in this park. The ultimate focus of this SIP is to promote innovation culture among the students and to give due recognition to students who have come out with innovative projects. In future, a larger work space, a comprehensive inventory, ample guidance from faculty and senior students and the passion of the faculty and students involved in this

SIP will be a great asset to this university.

Semester Preparatory Course

The institution is having a strong belief that the classroom course delivery will be received well by the student community, only if they have some fundamental knowledge about the topics concerned. Moreover, in each semester of any academic programme, depending on the courses included for that semester, the students are supposed to have some prerequisites with regard to the concepts that may be involved while the various courses are being delivered in the classroom. If the students are having such prerequisite knowledge, then they may be whole heartedly involved in the class room course delivery process and thereby they can successfully complete all the courses pertaining to that semester. Taking this into considerations, all departments have taken initiatives to conduct Semester Preparatory Course during the first week of each semester. The course modules for the semester preparatory course are identified by the department and ICT classroom is utilized for delivering the preparatory course.

Peer Tutoring

The Peer Tutoring Program is administered through the Centre for Development of Teaching & Learning. The objectives of the Program are as follows:

- To provide learning assistance to students in a particular academic subject or skill area by pairing such students with fellow students who have demonstrated competence in that particular academic subject or skill area.
- To improve the student's understanding and application of concepts and methods as they pertain to a particular subject or skill, thereby enhancing student success.
- To provide the tutor with an opportunity to refine his/her communication, instructional, and interpersonal skills through the process of peer interactive instruction.
- To provide the tutor with a constructive mechanism to consolidate his/her own knowledge in a particular subject or skill area while earning a fee for the provision of tutorial services.

E- Tutoring

It is the process of tutoring in an online, virtual environment or networked environment in which teachers and learners are separated by time and space. Online tutoring, as a reflection of the diversity of the wider Internet, is practiced using many different approaches and is addressed to distinct sets of users.

Student follow-up systems

The University follows an unique system to monitor and counsel the students throughout their programme of study in this institution. The system is called “Students Follow-up System” (SFS)

The salient features of SFS system are:

- A teaching faculty will be allotted about 15-30 students and he / she will be called as SFS – In-charge / Counsellor.
- An exclusive document called ‘SFS Card’ is made available for every student and it contains all the personal / academic / counselling details of the student concerned. The card contains the details of Parents / Guardian and other personal details of students concerned.
- This document is maintained from the time of admission to the end of the course period and semester-wise details like attendance, academic performance in both Internal Assessment Tests and University Examinations are recorded. This very much helps the SFS-In-charge to foresee / monitor the academic growth of the student concerned.
- If the performance of student is not encouraging, then the SFS-In-charge calls on the student and counsel him/her and adopts corrective measure to improve the same and also communicates to parents, if needed.
- Frequently, the parents meeting are arranged to discuss about the academic / disciplinary issues of their wards and details are documented.
- The said SFS card is a single document, where the complete details (personal/academic/disciplinary issues etc) can be obtained.
- The concerned departments HOD review the IFS card details every month and the Dean of faculty reviews it every semester.

Centre for Knowledge Management

Centre for Knowledge Management (CKM) is established in this university and is committed to knowledge sharing and information dissemination. This Centre works to create an environment that is receptive to innovation. It focuses on continuous improvement in our services, resources, and facility.

Vision

To be a centre of excellence for knowledge sharing & information dissemination among students and faculty. To stimulate technological skills among students, faculties in Higher Education.

Mission

To facilitate excellence in education through the application of innovative and effective information resources and technology. To organize targeted networking events that offer real world experience among knowledge community.

E-Learning Incubator

The eLearning Incubator has a pedagogical and educational focus, and is consultative and collaborative. Its key aims are to deliver quality academic development:

- To help staff to create transformative educational experiences for students
- To develop teaching solutions and strategies for innovative projects
- To do research and to measure the effectiveness of eLearning delivery.
- To promote entrepreneurs in the field of E – Learning

Degree Audit Tracking System

The Degree Audit Tracking System (DATS) is introduced for academic advising and certification of degree completion. The DATS audit is available to Deans, HODs, faculty and students. The DATS automatically generates a report reflecting a student's academic progress towards the successful completion of his / her programme of study. The Degree audit report is a tool used by both academic advisers and students.

Student Personal Development Planning

Student Personal Development Planning (SPDP) is a significant activity for undergraduate and postgraduate students. Student Personal Development Planning (SPDP) is a simple process of reflecting on student's own learning, performance and achievements that helps the student to plan his/her personal, educational and career development. During this student personal developing process the students are trained to undergo the self skill audit and to draft their own planning for their personal development with an aim to attain academic excellence.

University Task Force

The University Task Force on academic excellence and community engagement is providing an opportunity for targeted reflection on how to build strategically to improve upon some of PRIST's most characteristic strengths. The reflection of the Task Force is providing a forum for new ideas, initiatives and mechanism to achieve excellence in a better manner in the pursuit of our academic mission. Through this university Task Force, we evaluate our achievement regularly and rigorously, both against our own previous performance and also against that of our peers. The Task Force is soliciting input from various departments and from members of PRIST academic community who have taken a special interest in the achievement of academic excellence, the enhancement of diversity and in outreach to the community consistent with our mission.

University SWOT Analysis

Understanding our strength and weakness gives us an opportunity to fix the thread ahead of us. In order to understand it, the University conducts SWOT analysis once in 3 years and makes sure that it nurture a responsive, compassionate, fair and inclusive academic community in the path ahead by encouraging innovative best practices and world-class research culture, while focusing our investment of time and resources on strengthening our commitment to reach the core mission of the University.

PRIST Assessment Center

The university can derive many benefits from integrating a campus-wide assessment program. Academic departments have the opportunity to reflect on what the departmental mission is and what a graduate from that program will know, value, and be able to do. Students will find it very helpful to know the goals of the major and how each course in the program relates to those goals. Faculty will be able to use the assessment results to determine if program goals are being met.

Academic support services, such as the Library, Student Affairs, Facilities, and Computer Services also make a tremendous contribution to student learning on campus. Whether the impact on student learning is direct or indirect, all programs can assess how they contribute to the learning community and what changes they might make to maximize that learning experience. For example, teachers teach better and students learn better in a clean, comfortable environment with adequate state-of-the-art instructional resources everything contributes to learning.

Faculties engage in departmental assessment because assessment data facilitate improvement of academic offerings and program planning. Assessment discussions foster re-examination of values at both the departmental and institutional level; assessment also promotes interdisciplinary conversations about student learning throughout campus. Because every department and program contributes to student learning, assessment also bridges academic and student affairs. The statutory bodies of the university require assessment activities to make institutions more accountable to all stakeholders and the public-at-large.

Taking into consideration the importance of assessment for the development, growth and image of the university, the institution has established PRIST Assessment Centre to coordinate all types of assessment related activities under the direction of IQAC.

Centre for Information Technology Integration (CITI)

The Centre for Information Technology Integration (CITI) has been given mandate to lead in the development and implementation of IT systems in the University. Network Management Unit, Hardware Management Unit, Web Development, Unit and Software Development Unit are the various units that come under the CITI.

Functions:

- To facilitate for the use of information technology tools in general content areas in education in order to allow students to apply computer and technology skills to learning and problem-solving.
- To facilitate for involving information technology to work in driving deal success in the university administration.
- To develop systems and policies that may translate meaningful results and redound to the attainment of vision, mission and goals of the University.
- To be an active hub of information and communications technology of the University.
- To concentrate its efforts to attain modernization and productivity through management and technical supervision of University ICT systems and facilities
- To undertake ICT researches and applications development; and collaborate with industry and University constituents in the promotion and implementation of its projects and extension services.

Question Paper Quality index

As a university, we perform assessment in many forms. We assess student performance by measuring student development and providing feedback for improvement. Summative assessment is a core activity of any education system. Exams are important in different ways for students, for teachers, and for future employers. Exams inevitably structure and shape the work of students, who naturally want to pass their exams and succeed in their studies, and thus to reach high levels of competence. Exams are also high stakes testing activities with important consequences for the test takers: passing has important advantages, and failing has important disadvantages. In addition, the actual exam results are important to the students, since all final semester grades, which typically only reflect the grades received on exams, appear on the diploma. Question paper plays a vital role in the examination process. Hence, the institution is very keen on preserving quality in the generation of question papers. The institution has inducted the culture of quality in question papers through introduction of this “Question Paper Quality Index”

Difficulty Index of the Question Paper:

$$P = \frac{\sum_{i=1}^k A_i}{\sum_{i=1}^k M_i}$$

$p > 0.75 \Rightarrow$ question paper is easy

$p < 0.45 \Rightarrow$ question paper is tough

Discrimination Index of the Question Paper:

$$D = \frac{A_H - A_L}{100}$$

AH - Average of the highest 27% of Scores

AL- Average of the Lowest 27% of scores

$D \geq 0.39 \Rightarrow$ Quality of Question Paper is Excellent

$0.30 \leq D < 0.39 \Rightarrow$ Quality of Question Paper is good

$0.20 \leq D < 0.30 \Rightarrow$ Quality of Question Paper is moderate to get pass

$D < 0.20 \Rightarrow$ Quality of Question Paper is poor and may be discarded

Reliability Index of the Question Paper:

$$\alpha = \frac{k}{k-1} \left(1 - \frac{\sum_{i=1}^k [P_i(1-P_i)]}{s^2} \right)$$

K –Total no. of Question

Pi-Difficulty Index of i^{th} Question

S²- Variance of Scores of Candidates

$\alpha \geq 0.70 \Rightarrow$ Quality of Question Paper is Good

$\alpha < 0.70 \Rightarrow$ Quality of Question Paper may be uncertain

7.3 Best Practices

During the last 5 years the institution has adopted several best practices in respect of curriculum, teaching and learning, research, student support services, quality. Among the various best practices adopted the institution would like to identify “University Task Force” (UTF), “Student Follow-up System” (SFS), “Student Personal Development Planning” (SPDP), Teaching Portfolio and “Course Delivery Mapping” as the most admirable best practices.

Best Practice 1:

1. Title of the Practice

“University Task Force”

2. Objectives of the Practice

The following global developments can be identified in the activities by which universities are or should be responding to current societal transformation:

- Expansion: The share of highly-qualified persons is increasing. Changing employment structures, increasing expectations of educational participation by the citizenry at large, and the academization of a growing number of professions, promote the expansion of higher education.
- Differentiation: Apart from providing scientific training in a given subject, study programmes must meet differentiated social requirements and convey technical skills which higher education has not offered so far. Concurrently, higher education institutions are to respond to the differentiating demand for higher education by offering course programmes beyond the mainstream.
- Greater flexibility: The disappearance of traditional professional patterns and growing individualization call for a multiplication of study options. Individual combinations of studies should be allowed; students should acquire self-organization and self-upgrading skills.
- Quality orientation: Expansion, differentiation, and greater flexibility presuppose and bring about novel approaches to quality assurance in higher education. The need to generate general social and political acceptance for higher education services, stakeholder expectations, supply-driven control of demand for higher education, the requirements of curricular development, as well as performance assessment of teaching-learning processes result in

new forms of quality assurance, quality documentation, and evaluation being implemented.

In order to cope up with the global developments identified above, the university has to strive for introducing global best practices in all spheres of its activities. This requires lot of focus on these issues by the university administrators. Realizing this, the university has constituted the University Task Force.

3. The Context

Shaping the knowledge society, generating employability, integrating sustainability, internationality, quality orientation and competitiveness, development and use of new forms of teaching and learning are the challenges before the higher education.

- Shaping the knowledge society and generating employability: In a knowledge society, the principal mission of higher education graduates is that of players who must make consequential decisions in complex and risk-fraught action systems which in turn are embedded in complex and risk-fraught environments, and who should be able to boil down complexity in a way for which technical know-how alone would not suffice. Students of today will in all likelihood be under pressure to decide complex matters and will have to act dependably in such situations. Higher education must prepare students for these demands.
- Integrating sustainability: Societies which are geared to performance and growth need to be oriented towards sustainability in order to safeguard the very basis of their existence. Overwhelmingly, students are trained for professions in which they need to make consequential decisions in complex settings. Therefore, they must become key stakeholders of sustainability. Higher education of tomorrow must, in a manner of speaking, socialise its students “into” sustainability.
- Internationality: Internationality is taught in the context of globalisation and regionalisation. The Indian dimension of internationalisation is characterised by a move towards a Indian higher education area for which reforms in the structure of studies will be the decisive project for the immediate future.
- Quality and competitiveness: Trends which are making themselves felt already today will be prolonged in a quest for quality and competitiveness. The challenges of tomorrow will consist in preventing a quality bureaucracy from emerging, without foregoing the explicated effects of quality development i.e. higher acceptance and a competitive edge, and in ensuring the specific functional

logics of science which is founded on competition for reputation rather than on an evaluation of market rates for the core delivery areas of higher education, i.e. research and teaching

4. The Practice

Realizing the responsibility and necessity to go with global trends and preparing ourselves to face the future challenges of university education, the university has constituted “University Task Force” (UTF) in the year 2010. This University Task Force on academic excellence and community engagement is providing an opportunity for targeted reflection on how to build strategically to improve upon some of PRIST’s most characteristic strengths. The reflections of the Task Force are providing a forum for new ideas, initiatives and mechanism to achieve excellence in a better manner in the pursuit of our academic mission. Through this university task force, we evaluate our achievement regularly and rigorously, both against our own previous performance and also against that of our peers. The Task Force is soliciting input from various departments and from members of PRIST academic community who have taken a special interest in the achievement of academic excellence, the enhancement of diversity and in outreach to the community consistent with our mission. The UTF meets almost every month and discuss about the global trend in higher education and also examining the ongoing activities in the university, it is evolving a number of strategies for improving the existing system to meet the international standards.

5. Evidence of Success

The University Task Force has completed 50 meetings during the last 5 years and has evolved various strategies that may be adopted by the university while planning for attaining national and global recognition. During these 50 meetings, the UTF has come out with a number of recommendations for the institution to consider and implement so as to attain its goal of excellence within the near future. Most of the recommendations have been fulfilled by the university and because of these efforts the university is able to post an impressive growth.

6. Problems Encountered and Resources Required

Because of the overwhelming support by the university management and whole hearted participation and devotion by the faculty the institution did not encounter with implementing this system. As far as this system is concerned, the support and encouragement of the university authorities and effective participation of the faculty are the only resources required for the successful implementation of this best practice

Best Practice 2:**1. Title of the Practice**

“Students Follow-up System”

2. Objectives:

- To monitor/counsel/follow-up each and every students’ academic progression, a unique system by name ‘Students Follow up System’ is followed.
- To keep the complete details of the student in a single document called as, ‘SFS Card’, which serves like a ready reckoned of every student during his/her entire period of study.
- To enhance faculty-student relation, by way of counselling, guiding and helping the students to progress further.
- To make the parents/guardians aware of the performance and progress of their wards.

3. Context:

- Difficulty in meeting the parents of students, hailing from remote places, other states, other countries etc.,
- Challenge in explaining the SFS system to the parents with less educational background.

4. Practice:

- Every teacher is allotted with 20-30 students as SFS-In-Charge. The personal details of the students are recorded in the first page of SFS Card, during the time of admission.
- The academic performance of the students in the continuous internal assessment tests, pre semester examinations and end semester examinations are recorded for each semester.
- The performance of the students is informed to parents.
- At the end of every month, the % attendance of the student during the semester is entered and if any alarming situation rises, the concerned student is counselled /warned by the respective SFS-In-Charges and subsequently, the parents are also informed thereof.
- If any student has to avail leave, he/she gets permission from their SFS-In-Charges.
- The Head of the Department verifies the SFS card every month.

5. Evidence of Success:

- Because of close monitoring and follow-up system, the students’ academic performance has improved.
- The attendance percentage of students is appreciable.

- Good improvement in the code of conduct of students.
- Cordial relationship exists between staff, students and parents.
- This Students Follow-up System was very much appreciated in the NAAC Expert review committee visit during the year 2004.

6. Problems encountered and Resources required:

- Inability expressed by some parents to meet the SFS-In-Charges when called for.
- Updating of personal data due to lack of communication from students/parents.
- Resources required are dedicated telephone line, permanent internet connection, adequate and dedicated teaching faculty and stationery.

Best Practice 3:

1. Title of the Practice

“Student Personal Development Planning”

2. Objectives of the Practice

The objective of the Student Personal Development Planning is to involve the students in:

- reflecting on learning experiences and achievement
- gathering information for these records, and creating action plans
- reviewing progress towards the achievement of goals that have been set and thereby make them to be:
 - an independent and lifelong learner
 - a skilled communicator
 - an analytical thinker and problem solver
 - able to work in a team
 - knowledgeable in their subject
 - an efficient planner and organizer
 - IT and information literate
 - self reflective and able to evaluate performance
 - a socially responsible and participating citizen

3. The Context

For students Employability is about more than just getting a job. It’s about having, and being aware of, the attributes and skills that will enable them to pursue their chosen career. Employers expect them to be able to define and understand the skills and attributes that they have and to communicate and give evidence of them in job

applications and at interviews. Hence, they should equip themselves to reflect on their skills and attributes, to develop their ability to communicate and to provide evidence of them to their prospective employers.

4. The Practice

While adopting this practice, the students are directed to undergo the following process:

- Let the students undertake a skills audit by themselves, by way of recording their achievements in terms of educational qualifications and personal accomplishments as students during their programme of study.
- The students are directed to think about the general transferable skills they acquired in the process of that achievement – a list of transferable skills may help them to translate their particular achievements into the transferable skills they acquired in the process. They will then be in a position to identify the areas in which they have existing strengths and those areas in which they need to improve.
- Having identified the skills and experience they have already, it's time to think about where they want to get to and plan how they are going to get there by setting themselves a series of objectives.
- They may wish to identify available sources of support that will help them to get where they want to be in terms of improving their skills or to gain experience in a new area.
- Even though some of the opportunities that are open to them, across the University, for improving their academic skills.
- Over the next few weeks, they should go back to find what they have created and record any progress they have made. They should use their plan to track the development of their transferable skills, to identify areas for discussion with their personal tutor and to inform decisions about their future actions.
- At the end of the semester or year, let them **review** and **reflect** on their progress, take stock of the skills learnt from personal knowledge and experience and update their plan.

5. Evidence of Success

Effective engagement with PDP enables the students to recognize, evaluate, develop and give evidence of their learning, skills and abilities. It helps them increase their awareness of teaching and learning strategies and how these relate to their own learning style. It helps them to understand the value added through

learning, and become independent and autonomous learners, with the ability to relate what they learn to their personal and professional life. Engaging in PDP helps them to plan their personal, academic and career progression and development.

6. Problems Encountered and Resources Required

Since this practice has been introduced very recently, we have not encountered with any problems so far. However, the university has published a handbook on “Student Personal Development Planning” for the benefit of the students.

Best Practice 4:

1. Title of the Practice

“Teaching Portfolio”

2. Objectives of the Practice

A teaching portfolio is an organized and systematic collection and compilation of documents used as evidence for teaching performance. A teaching portfolio, thus, consists of a collection of documents and description of lecturers’ roles and responsibilities, contributions, as well as achievements which demonstrate the scope and quality of their teaching. It also acts as an evidence of the various activities carried out in relation to the enhancement of teaching and learning, research and service. Hence, the teaching portfolio provides an opportunity to foster a culture of teaching excellence as it can be used as a source of information and evidence of teaching activities, contributions and achievements.

3. The Context

The teaching responsibility involves face-to-face interaction with students which is also generally termed as stand-up teaching. In carrying out the teaching responsibility, teachers are also engaged in a continuous process of developing and improving the curriculum through the process of implementing and integrating innovation and new teaching strategies to the existing curriculum. Teachers are encouraged to be creative and innovative in applying the various approaches, methods, techniques and strategies in their teaching. They are also encouraged to be creative and flexible in adopting the most appropriate learning taxonomy according to their respective area of specialization in order to achieve the intended learning outcomes. In addition to face-to-face teaching, a teacher is also involved in non face-to-face interactions through online learning such as e-distance learning, blended learning, etc.

Teachers need also to be involved in teaching related activities or non-teaching duties such as curriculum development, course design, instructional materials development, assessment of students' learning, supervision of students, and be part of academic and non-academic committees, etc. They are also encouraged to promote and share their expertise, new ideas and experiences in teaching and learning related activities such as by presenting papers in seminars and conferences, giving talks and conducting courses in their respective areas.

In addition, teachers are expected to perform community services within and outside the university by engaging in community activities using their expertise and experiences in their areas of specialization. In providing a lifelong experience to the society, they often represent the institution by participating and engaging in community outreach program through various community activities.

Over the years, teachers have amassed a collection of documents and re-cord of their teaching and learning activities, accomplishments, services, contributions, awards, etc. in relation to the three main roles of teaching, research and community service. All the evidences should be compiled and organized in the form of a document which may be treated as a testimony of their continuous development, self enhancement and reflection of their teaching practices.

A teaching portfolio encapsulates the teacher's craft, their contributions and achievements in an organized and a systematic way.

4. The Practice

A teaching portfolio is an organized and systematic collection and compilation of documents used as evidence for teaching performance. A teaching portfolio, thus, consists of a collection of documents and description of teachers' roles and responsibilities, contributions, as well as achievements which demonstrate the scope and quality of their teaching. It also acts as an evidence of the various activities carried out in relation to the enhancement of teaching and learning, research and service.

Hence, the teaching portfolio provides an opportunity to foster a culture of teaching excellence as it can be used as a source of information and evidence of teaching activities, contributions and achievements.

The teaching portfolio documents a teacher's professional journey as evident in reflective activities and evaluation of a teacher's work

throughout the process of teaching and learning. It may include the following information:

- record of teaching duties and responsibilities in the form of course information, lesson plan, time table, etc.
- record of teaching related duties and responsibilities such as supervision, academic advising, etc.
- description of instructional materials developed and used
- description of assessment methods employed
- samples of students' work

Through the process of continuous reflection and self-evaluation, teachers can keep track of their performance over time.

A teaching portfolio, therefore, is both a product and a process. As a product, it consists of a collection of documents and evidences of teaching performance and accomplishments, and as a process it involves the lecturer describing and reflecting on the teaching and learning activities as well as innovations towards effective teaching.

In addition, a teaching portfolio is a tool that can be used to gauge an individual teacher's performance based on evidence of activities and accomplishments.

- A teaching portfolio generally includes the following information:
- A brief personal profile
- A teaching philosophy which outlines a statement of belief about teaching and learning
- A record of teaching duties and teaching related responsibilities
- A list of activities related to professional development i.e. courses and training attended to develop and enhance teaching and learning performance and effectiveness
- A written description of teaching development process in the form of reflection on teaching and ways to improve teaching and learning.
- A collection of evidence of teaching innovations and creativity in teaching and learning.
- A collection of documents of personal information and accomplishments which is useful as a reference for record of service, confirmation, promotion, extension of service, reappointment, award conferment, etc.

5. Evidence of Success

The success of this practice "teaching portfolio" lies in

demonstrating the teacher's teaching credentials and teaching excellence to others in the form of documents and evidences related to teaching and learning.

In addition, a teaching portfolio consists of a collection and description of a teacher's strengths and teaching achievements to suggest the scope and quality of teaching achievements and effectiveness.

The teaching portfolio, therefore, enables teachers to be:

- creative in their teaching approaches, methods and strategies
- critical about their teaching practices
- creative in developing and utilizing instructional materials
- flexible in their assessment practices
- resourceful by sharing teaching innovations with others
- current in their teaching and learning activities by sharing, discussing, and disseminating information with colleagues and others

A teaching portfolio, therefore, serves the following purposes:

- A collection, compilation and a source of evidence about teaching activities and achievements.
- A ready and available comprehensive source of information and evidence of teaching performance and accomplishment.
- A document to demonstrate a variety of teaching and teaching related activities.
- An opportunity to reflect and evaluate own teaching as a means to continually improve teaching and learning and promoting self-improvement
- A source of information on teaching and learning accomplishments for purposes of exchanging ideas and knowledge sharing with colleague, supervisors and others.
- An opportunity to foster a culture of teaching excellence.

6. Problems Encountered and Resources Required

While adopting this best practice we have not encountered with any of the problems which may affect the adoption of this practice. The adoption of this best practice does not require any other special resources expect the dedication and commitment on the part of the teachers.

Best Practice 5

1. Title of the Practice

“Course Delivery Mapping”

2. Objectives of the Practice

Course Delivery Mapping should be carried continuously throughout the semester. The purpose of Course Delivery Mapping is as follows:

- to provide Departments with qualitative and quantitative information as a tool for the good management of the units for which they are responsible
- to identify any indicators of good practice in the delivery of the course contents
- to identify individual courses in which the proportions of students who pass or fail are seen as atypical either in the context of related courses or in the subject area to which it belongs; to initiate enquiry as to the reasons for atypical performance and to take prompt action as deemed necessary
- to identify courses in which there is a trend over a period of time showing a marked difference in the performance of course delivery and to identify the reasons for such differences, and to take remedial action as necessary
- to address course specific issues, if any, with regard to prompt and effective delivery of courses
- to identify actions to undertake before the next delivery of similar courses in view of the experience of delivering the courses over a period of time and specifically the last delivery.

3. The Context

Course delivery plan is very essential for a teacher and it is responsible for increasing the success rate of the students. Without proper course delivery plan a teacher cannot convincingly deliver the course to the students up to their satisfaction. Some of the inexperienced teachers use to consume more contact hours for delivering first few units of the course content in a lethargic manner, whereas they used to rush up the delivery of course contents pertaining to last few units of the syllabus. In such cases the slow learners of the class may not be able to properly understand the concepts that are involved in those last few units where in which the teacher has simply rushed up the delivery of the course content. In such cases, the teacher may not find time to revise the syllabi which may be very much essential for slow learners to complete the course successfully. That is why, nowadays, the teachers are expected to have a course delivery plan before handling any course in a semester. The Deans and HODs

used to monitor the phase of course delivery for various courses university. Hence, the institution feels that it is very essential to develop an effective course delivery monitoring systems.

4. The Practice

The university Software Development Cell has developed software to map the course delivery process. At the beginning of every semester, each teacher is bound to submit his/her course delivery plans for each course planned to be handled by him/her in the semester. The content of the course delivery plan will be fed in to the software to get the “planned course delivery graph”. Subsequently, the Head of the Department is used to collect information from the student with regard to actual covering of syllabi in that course. The details of actual covering of syllabi will be fed into the software by the Head of the Department to get the “actual course delivery graph”. These details may be as well viewed by the Dean/Vice Chancellor so as to get complete information with regard to the pace of course delivery in that course.

5. Evidence of Success

Because of this system, the institution observes that covering of syllabi in almost all courses are going on as per the course delivery plan submitted by the teachers at the beginning of the semester. Moreover, nowadays, the institution is not getting any negative feedback with regard to course delivery by the teachers.

6. Problems Encountered and Resources Required

The institution has not so far encountered with any problem while adopting this best practice. As necessary software used in this system was developed by the university software development cell, no external resource is required for adopting this best practice.

EVALUATIVE REPORT OF THE DEPARTMENT

CIVIL ENGINEERING

1. **Name of the Department** : Civil Engineering
2. **Year of establishment** : 2008
3. **Is the Department part of a School/Faculty of the university** :
Yes. School of Engineering & Technology
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**

UG: B.Tech-Civil Engineering.
PG: M. Tech -Structural Engineering & Environmental Engineering
Ph.D: Civil Engineering & Environmental Engineering
5. **Interdisciplinary programmes and departments involved-** Nil
6. **Courses in collaboration with other universities, industries, foreign institutions,etc.** : NIL
7. **Details of programmes discontinued, if any, with reasons** : Nil
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System** : Semester system & Choice Based Credit System
9. **Participation of the department in the courses offered by other departments:**

S.No	Name of the course	Branch
01	Engineering Graphics	CSE,ECE, MECH
02	Basics of Civil Engineering	MECH, CSE,ECE
03	Fundamentals Of Civil Engineering	CSE,ECE& MECH

**10. Number of teaching posts sanctioned, filled and actual
(Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	03	03	
Associate Professors	04	04	
Asst. Professors	10	15	
Other	NIL	NIL	

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance :

S LNO	Name	Qualification	Designation	Specialization	No. Of years of experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
1	Dr.S.MosesAranganathan	ME.,PhD.,	Professor	Structural Engineering	18	-
2	DR.KE.A.Palaniappan	ME.,PhD.,	Professor	SoilMechanics &Foundation Engineering	14	-
3	Dr.Ashutosh Das	Msc,MS,PhD.	Professor	Environmental Engineering	16	2
4	Dr.M.Tholkapiyan	ME.,PhD.,	Associate Professor	Hydrology and Water Resources Engineering	15	-
5	Dr.Mukesh Goel	ME.,PhD.,	Associate Professor	BioTechnology	9	1
6	Dr.K.Ravikumar	M.Tech,PhD.	Associate Professor	WaterResources Engg	8	1
7	Dr.R.Rajamanikam	Msc (Engg),PhD	Associate Professor	Geo Science	12	-
8	Mrs.Iraikarkuzhali	B.E., Ph.D	Asst. Professor	Architecture	7	-
9	Mr.B.JoseRavindraRaj	B.Tech.,ME	Asst. Professor	Structural Engineering	3	-
10	Mr.R.Vijaya Sarathy	M.Tech	Asst. Professor	Structural Engineering	2	-

11	Mrs.C.Mala	M.Tech	Asst.P rofessor	Advanced Construction Technology	4	-
12	Mr.G.Portchejian	M.Tech	Asst. Professor	Structural Engineering	2	-
13	Mr.K.Tamilvanan	M.E	Asst Professor	Structural Engineering	3	-
14	Mr.k.R.Keerthi Raman	B.E., M.Tech	Asst. Professor	Infrastructure management Engineering	3	-
15	Miss.D.Sharmila	B.E., M.Tech	Asst. Professor	Environmental Engineering	1	-
16	Mr. T.Tamizhazhagan	M.Tech	Asst. Professor	Structural Engineering	NIL	-
17	Miss.K.Shanthi	M.Tech	Asst. Professor	Construction Management	NIL	-
18	Miss.V.Geetha	M.Tech	Asst. Professor	Water Resources	NIL	-
19	Mr.V.Santhosh Raja	B.E., M.Tech	Asst. Professor	Structural Engineering	NIL	-
20	Miss.G.Ponni	M.E	Asst. Professor	Structural Engineering	NIL	-
21	Mr.R.Thennarasu	M.Tech	Asst. Professor	Water Resources	NIL	-
22	Miss.C.Vividha	M.E.,	Asst. Professor	Structural Engineering	NIL	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Position	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Adjunct Faculty	Dr.MuthuKameshwaran	Ph.D	Professor	Building Science	36 Yrs	-
Emeritus professors	Dr.U.JOHNSON ALANGARAM	Ph.D	Professor\University of Malasiya	Materials and Structural Engg	20Yrs	02
Emeritus professors	Dr.R.AMBALAVANAN	Msc(Engg),PhD.,	Professor	Structural Engineering	36	-

13. Percentage of classes taken by temporary faculty – programme-wise information:

NIL

14. Programme-wise Student Teacher Ratio:

S.No	Program	Ratio
1	UG	15:1
2	PG	12:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :

Academic Supporting Staff	Sanctioned	Filled
Technical	5	5
Administrative staff-Clerical	2	2
Administrative staff-Attender	1	1

16. Research thrust areas as recognized by major funding agencies :

- Environmental biotechnology,
- GIS and Remote Sensing,
- Soft computing and statistical applications in Environmental engg.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. :

Agency	Title	P.I.	Period	Fund
DST	Characterization and Utilization of selected de-oiled cake as adsorbents in textile wastewater treatment	Dr. Ashutosh Das	3 years (2013 to 2016)	Rs. 34.98 Lakhs (DST/TSG/A F/2011/148)

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration - Nil b) International collaboration - Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. :

DST-FIST - Rs. 34.98 Lakhs

20. Research facility / centre with

✓ state recognition

✓ national recognition

international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies : Nil

22. Publications:

* Number of papers published in peer reviewed journals (national / international) : 82

* Monographs : Nil

* Chapters in Books : 02

* Edited Books : NIL

* Books with ISBN with details of publishers : 01

Title	Sustainability Assessment of Coupled Human-Natural Systems
Authors	Rajaram T., Ashutosh Das
Publisher	Lap Lambert Academic Publishing GmbH KG, 2012
ISBN	3848490994, 9783848490998
Length	236 pages

- * Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : (available in Central library)
- * Citation Index - range / average
- * SNIP
- * SJR
- * Impact Factor - range / average
- * h-index

PUBLICATIONS

INTERNATIONAL JOURNALS

1. M. Tholkapiyan, P. Shanmugam, A.L. Aneesh, T. Srinivas Kumar (2012) "The distribution and variability of phytoplankton biomass and its relation with physical and meteorological conditions in oceanic waters around India", Ocean Science Journal.

Parameter	Dr A. Das	Dr Ravikumar	Dr M. Goel
Number listed in International Database (SCOPUS)	38	22	17
Citations Total	261	95	132
SNIP	.071 to 1.517	.275 to 2.2	.183 to .77
SJR	.175 to 1.78	.187 to 2	.138 to .425
Impact Factor – range /	9.07	2.64	2.64
H-index	9	4	2
Impact Factor – range /	9.07	2.64	2.64
H-index	9	4	2

2. M. Tholkapiyan, and P. Shanmugam (2012) “Floating algal blooms and their recurrences in coastal oceanic waters around India”, communicated to an International Journal
3. M. Tholkapiyan, P. Shanmugam, M.Suresh and Prakash Chauhan (2012) “Derivation of calibration coefficients for OCM2 Sensor” Published in Journal of Geophysics and Remote Sensing.
4. M. Tholkapiyan, P. Shanmugam (2013) “Spectral models for improving atmospheric correction results in coastal oceanic waters around India” Advances in Remote Sensing Journal.

INTERNATIONAL CONFERENCES

1. M. Tholkapiyan, and P. Shanmugam, (2012) “Oceanographic and atmospheric factors influencing spatial and seasonal variations of algal blooms in Gulf of Mannar”, 11th Biennial Conference of Pan Ocean Remote Sensing Conference (PORSEC)-2012.
2. M. Tholkapiyan, P. Shanmugam (2013) “Spatial and temporal distribution and dynamics of ocean surface algal blooms in coastal/oceanic waters around India”, 3rd EOS Topical Meeting on Blue Photonics® -Optics in the Sea (Blue Photonics 3) Royal Netherlands Institute for Sea Research (NIOZ), Texel (Netherlands)
3. M. Tholkapiyan, P. Shanmugam, M. Suresh (2013) “Atmospheric correction and calibration of OCM sensor data” 3rd EOS Topical Meeting on Blue Photonics® -Optics in the Sea (Blue Photonics 3) Royal Netherlands Institute for Sea Research (NIOZ), Texel (Netherlands)

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1. Palaniappan KE.A., Stalin V.K., (2008) “Utility Effect of Solid Wastes in Problematic Soils” International Journal Engineering Research and Industrial Application (IJERIA) ISSN 0974-1518, Vol.2, No. I (2009), pp 313-321.
2. Palaniappan KE.A., Stalin V.K., (2008) “Improvement of problematic clay using concrete waste materials” International Journal Engineering Research and Industrial Application (IJERIA) ISSN 0974-1518, Vol.1, No. VII (2008), pp 61-69.
3. Palaniappan KE A (2012), “Rubber Waste Utilization in the Improvement of Soft Clay”, International Journal of Engineering Research and Technology (IJERT), Volume December 2012.
4. Palaniappan KE A and S. Prabhu (2013), “Improving Soft Clay Soil Using Fly Ash As Material Of Column”, International Journal of Engineering Research and Technology(IJERT), Volume April 2013.
5. Palaniappan KE. A e.tal (2013), “GGBS as Alternative to OPC in Concrete as an Environment Pollution Reduction Approach”, International Journal of Engineering Research and Technology (IJERT), Volume June 2013.
6. Palaniappan KE. A e.tal (2013), “Wire Mesh Jacketing Roll On Enrichment Of Concrete Potency”, International Journal of Engineering Research and Technology (IJERT), Volume July 2013.
7. KE.A.Palaniappan, T.S.Thandavamoorthy, S.SaileyshSivaraja (2013),” Challenges and Solutions to Ensure the Accident Free Construction with Safety Measures”, in the International Journal for science engineering and management, Vol1, issue 1, Dec 2013.

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1. Palaniappan KE.A., Williams C.K., Sunitha C. (2003) “Fleet management Using GIS, GPS”, Proceedings of National Conference on Applications of GIS, GPS in Civil Engineering pp 148 - 150
2. Palaniappan KE.A (2004) “Application of Remote sensing in Delineation of Contaminated Soils”, Proceedings of National Conference on Application of GIS, GPS and Remote sensing pp 27.1 to 27.9.
3. Palaniappan KE.A (2005) “Intelligent Transport Systems”, Proceedings of National Conference on Applications of ICT in Urban Infrastructure Planning and Mgmt pp 147 to 150.
4. Palaniappan KE.A (2006) “Remote Sensing Application in Ground Water Assessment”, Proceedings of National Conference on Advanced Computing Techniques in Civil Engineering. pp 141to 144.
5. . Palaniappan KE.A., Annalakshimi.S. (2007) “Geo Technical Aspects in Earthquake Resistant Construction”, Proceedings of National Conference on Earthquake Risk Assessment and Management pp 57 to 60.
6. . Annalakshimi.S., Palaniappan KE.A., (2007) “Mechanism of Improving Ductility in Structures As per Codal Provisions and with Steel Fiber Reinforced Concrete and its Benefits against Earthquakes”, Proceedings of National Conference on Earthquake Risk Assessment and Management pp 61 – 70
7. S. Moses Aranganathan¹ S.Saileysh Sivaraja² ,KE.A.Palaniappan³, and S.Vijayakumar⁴ “Case Studies of Earthquake Effect in Masonry Structures- Retrofit with FRP” Proceedings of International conference on Earthquake Resistant Construction Practices on 27th & 28th July, 2012.PP 203 - 209.
8. S. Moses Aranganathan¹, KE.A.Palaniappan², S.Saileysh Sivaraja³ and T.S.

- Thandavamoorthy⁴ “Seismic Provisions for Improving the Non- Engineered Masonry Structures” Proceedings of International conference on “Earthquake Resistant Construction Practices” on 27th & 28th July, 2012.PP210 – 217.
9. KE.A.Palaniappan¹, S.Saileysh Sivaraja² “An Overall Study of Past Indian Earthquakes” Proceedings of International conference on “Earthquake Resistant Construction Practices” on 27th & 28th July, 2012.PP 399 – 405.
10. KE.A.Palaniappan¹, S.Saileysh Sivaraja² “Case Study on Identification Assessment Remediation and Causes of Liquefaction ” Proceedings of International conference on “Earthquake Resistant Construction Practices” on 27th & 28th July, 2012.PP 406 – 415.
11. KE.A.Palaniappan¹, S.Vasanth², S.Prabhu³ , S. SivaPrakasan⁴ and S.Ashokmanikandan⁵ (2013), Published and presented a technical paper entitled “Stone Quarry Industry Solid Waste Usefulness in Problematic Soil Properties Enhancement” in the National Level Conference proceedings on Utilization of solid Waste, Organized by St. Peters University on August 8 &9 of 2013.

Publications

(a) Papers in International Journals (those published by agencies outside India)

S.No.	Author(s)	Year of Publication	Title of Paper	Complete Reference of Journal
1	K. Ravikumar, Ashutosh Das, Mukesh Goel and R. Nagarajan	2014	Evaluation of Effect of Calcium on Scale Formation and Corrossivity of Ground Water using GIS”,	<i>Nature Environment and Pollution Technology</i> , 3(1),
2	Ashutosh Das, B. Subramanyam, Mukesh Goel, B. Ram Kiran, K. Sudharshan, K. Ravi Kumar	2014	Alternative Usage of Edible Deoiled Cake for Decolorization of Reactive Red Dye	Desalination and Water Treatment (in press)
3	S. Uma Maheswari., Mukesh Goel, P.Anantha Narayanan, Ashutosh Das and K. Ravikumar	2014	A study on the ability of mixed culture in biological degradation of textile effluent	International journal of pharmacy and pharmaceutical research(in press)
4	Mukesh Goel, Ashutosh Das, K. Ravikumar & Abhishek Asthana	2013	A study on the enhancement of sonochemical degradation of eosin B using other advanced oxidation processes,	Desalination and water treatment, 52, 1-7.

5	Ajit kumar, Ashutosh Das, Mukesh Goel, K. Ravi Kumar, B. Subramanyam and J.S. Sudarsan	2013	Recovery of Nutrient From Wastewater Through Struvite Crystallization	Nature Environment and Pollution Journal, 12 (3), 479-482.
6	Mukesh Goel, Ashutosh Das, Lokesh Upadhyay and K. Ravikumar	2013	A Novel Approach For Acclimatization Of 2,4,6- Trichlorophenol Using Effluent Treatment Plants Sludge	Journal of pharmacy and research, 5 (8), 4612- 4615.
7	B.Vinothkumar, J.Sudarshan, Ashutosh Das, K.Ravikumar and Mukesh Goel	2012	Evaluation of Environ- Climatic Variability in Arignar Anna Zoological Park, Chennai.	International Journal of Earth Sciences and Engineering, 5(6), 1797- 1802.
8	K. Ravikumar, Praveena Rao, Shiwani, Sarita, Senthil Thambi, Ashutosh Das and Mukesh Goel	2012	Study of Relationship of Potential Kidney Stone with Water (Consumption and Quality) and Dietary Habits of People in Urban Thanjavur using GIS.	International Journal of Earth Sciences and Engineering, 5(6), 1788- 1796.
	Sudarsan, J.S., Thattai, D. and Das A	2012	Phyto-Remediation Of Dairy-Waste Water Using Constructed Wetland.	<i>International Journal of Pharmacy and Bio- Sciences</i> , 3 (3) B: 745- 755.

9	Mukesh Goel, Ashutosh Das, K. Ravikumar and R. Nagarajan	2012	Sonochemical degradation of volatile and non-volatile compounds – a review.	Research Journal of Chemistry and Environment 16(4), 192-199.
10	Sanjib Moulick, K. Ravikumar, Mukesh Goel and Ashutosh Das	2012	Low-Cost Design of Stepped Cascade Aeration System	International Journal of Humanities, Science and Technology, 1(3), 123-127.
11	R. Karunakaran Mukesh Goel, Ashutosh Das, K. Ravikumar and Lokesh Upadhyay	2012	Evaluating biological degradation of azo dye using mixed culture	Journal of Pharmacy and Research, 5(4), 2049-2051.
12	Mukesh Goel, K. Ravi Kumar, Ashutosh Das and M. Sreeharsha	2011	Degradation of high concentration of 2-chlorophenol and 2,6-Dichlorophenol by mixed anaerobic culture	International Journal of Pharmacy and Bio-Sciences, 3(1), B-372-378.
13	Srihari. V and Ashutosh Das	2011	Impact of natural agents on buildings and remedial approach – An overview	International Journal of Civil and Structural Engineering, 1(4), 789-794.

14	Busetty Subramanyam and Das Ashutosh	2011	Adsorption isotherm modeling of phenol onto natural soils – applicability of various isotherm models	International Journal of Environmental Research, 5 (2),
15	Rajaram T. and Das, Ashutosh	2011	Title: Screening for EIA in India: enhancing effectiveness through Ecological Carrying Capacity approach..	(In press) Journal of Environmental Management 92 : 140-148
16	B. Subramanyam, Das, Ashutosh	2010	Adsorption isotherm modeling of phenol onto natural soils – applicability of various isotherm models	(In press) International Journal of Environmental Research 04(04)
17	Rajaram T. and Das, Ashutosh	2010	Modeling of interactions among sustainability components of an agro-ecosystem using local knowledge through cognitive mapping and fuzzy inference system Expert Systems With Applications	Expert Systems With Applications. 37 (2): 1734-1744
18	B. Subramanyam, Das, Ashutosh	2010	Study of the adsorption of phenol by two soils based on kinetic and isotherm modeling analyses	Desalination, Volume 249(3): 914-921

19	Srihari, V, and Das Ashutosh	2009	Adsorption of phenol from aqueous media by an Agro-waste (hemidesmus indicus) based activated Carbon	Applied ecology and environmental research 7(1): 13-23.
20	B. Subramanyam; Das, Ashutosh	2009	Linearized and non-linearized isotherm models comparative study on adsorption of aqueous phenol solution in soil	Int. J. Environ. Sci. Tech., 6 (4), 633-640.
21	Rajaram T. and Das Ashutosh	2008	Water Pollution by Industrial Effluents in India: Discharge Scenarios and Case for Participatory Ecosystem specific Local Regulation	Futures, Elsevier. Futures, Volume 40, Issue 1, February 2008, 56-69.
22	Rajaram T. and Das Ashutosh	2008	A methodology for integrated assessment of rural linkages in a developing nation	Impact Assessment and Project Appraisal, 26(2), June 2008,99-113.
23	Srihari, V, and Das Ashutosh	2008	The Kinetic and Thermodynamic Studies of Phenol-sorption onto three agro-based Carbons	Desalination, Elsevier, 225(1-3), 220-234.

24	Srihari, V, and Das Ashutosh	2008	Comparative studies on Adsorptive Removal of Phenol by three agro-based Carbons: Equilibrium and Isotherm Studies	Eco-toxicology and Environmental Safety, Elsevier, 71(1), 274-283.
25	Rajaram T. and Das Ashutosh	2007	Sustainable Frugality through EIA: Role of Socio-ecological linkages in poverty alleviation'	Management of Environmental Quality: An International Journal, Emerald Publishing.
26	Madhan Babu,S;pradeep,S ;Shyamala,A and Das Ashutosh	2007	Salinity studies for evaluation of irrigation suitability status of Tsunami affected regions of south India	Asian journal of Water Environment and Pollution ,Capital publishing company,4(1),71-83.
27	Rajaram T. and Das Ashutosh,	2006	Need for participatory and sustainability principles in India's EIA system: lessons from the Sethusamudram Ship Channel Project',	Impact Assessment and Project Appraisal, volume 24, number 2, June 2006, pages115-126, Beech Tree Publishing, UK
28	Srihari, V., Madhan Babu, S and Das Ashutosh	2006	Kinetics of Phenol-Sorption by Raw Agro – Wastes	Journal of Applied Sciences, Asian Network for Scientific Information 2006: 6(1) pp 47-50
29	Thilagavati, S and Das, Ashutosh	2004	Studies on Chloride Fixing in Concrete with Lead Oxide Admixture",	Advances in Cement Research, Thomas Telford, 16(4), 2004, 145-153.

30	Das, Ashutosh and Sharma, D. K.	2001	Organic Desulfurization of Assam Coal and Its Sulphur-Rich Lithotypes by Sequential Solvent Extraction of Obtain Cleaner Fuel	Energy Sources, 23(8), 2001, 687-697.
31	Das, Ashutosh and Sharma, Durlubh Kumar	1998	Adsorption of Phenol from Aqueous Solutions by Oxidized and Solvent Extracted Residual Coal	Energy Sources, 20(9), 1998, 821-830.

(b) Papers in Indian Journals

S.No .	Author(s)	Year of Publication	Title of Paper	Complete Reference of Journal
1	Das Ashutosh, Rajaram, T., Sri Hari, V. and Subramanyam, B.	2006	Water Quality Assessment of Tsunami (26 th December, 2004)- affected regions of Tamil Nadu, India (Nagapattinam- Vedaranyam Stretch)	Journal of Hematology And Ecotoxicology, 1(1), 35-39.
2	Srihari, V, and Das Ashutosh	2006	Estimation of Adsorption Spontaneity through Thermodynamic Parameters	Journal of Applied science Periodical, 8(3): 2006.
3	Ravichandran K.S., Rajaram T., and Das, Ashutosh	2006	A Fuzzy Based Ranking of Dominance among Water Quality Parameters for Modeling: A Case Study	International Journal of Ecology & Development (ISSN 0972-9984), Volume 4, No. S06, Summer 2006, pp 51-64.

4	Rajaram T. and Das Ashutosh	2006	Study on Suitability of Water Quality For Mass Bathing In Southern Kumbha Mela Festival (Mahamaham) Using Fuzzy Inference System	Pollution research, issue no. 2, 2006.
5	Srihari, V., and Das Ashutosh	2006	A Thermodynamic Evaluation of COD-Reduction-Characteristics of Sugar- Industry Effluents using Natural Clays	Asian Journal of Microbiology Biotechnology & Environmental Science. 2006(1)
6	Srihari, V., Das, Ashutosh, Ram Prasath, C. ; Meera, A. ; Vasantha Devi G.	2005	Study on Adsorption of Phenol Study On Adsorption of Phenol from Aqueous Media Using Extracted Residue of Hemidescus Indicus	Asian Journal of Microbiology, Biotechnology and Environmental Sciences, 2(3), 2005.
7	Rajaram, T., Das, Ashutosh	2005	Study on suitability of water quality for Mass Bathing in Southern Kumbha Mela Festival (Mahamaham) using Fuzzy Inference System (FIS)	Pollution Research, 24 (3), 2005.
8	Das, Ashutosh, V.Ganesh, S. Anantha Padmanaban	2005	Development of ANN Model for Dissolved Oxygen Estimation due to mass Bathing – A Case Study: Mahamaham 2004,	The Ecologia, 3 (1) 2005.

9	Sudarsan, J.S., Murugappan, A. and Das, Ashutosh,	2005	Agro-suitability of Lignite-fly ash laden mines discharge on soil	J of Inst. Of Public Health Engineers, Oct- Dec, No. 4, 2005, 12- 14.
10	Das, Ashutosh, V.Srihari,S. Madanbabu, S. Anantha Padmanaban	2005	Estimating the Oxygen Requirement in a Mass Bathing Tank – A Case Study: Mahamaham 2004 (Southern Kumbhamela)	Indian Journal of Environment and Ecoplanning, 10 (1) 2005.
11	Sudarsan, J.S. and Das, Ashutosh	2005	Effect of Lignite Mine discharge on Electro- Chemical Characteristics of Adjacent Water Bodies	Indian J. Environ. & Ecoplan. 10(3): 855- 858, 2005.
12	Srihari, V, Das Ashutosh	2005	Rural Transportation And Bullock Cart-Futuristic Perspective	ACCST Research Journal, volume III, No3, July 2005
13	Srihari, V., Das, Ashutosh, Uma, S.R.	2005	Cyclonic Wind Energy- Dissipation and Extraction Techniques for Coastal Villages of India	Ecology, Environment and Conservation, 24 (2), 2005.
14	Srihari, V., Das, Ashutosh	2005	Determination of Adsorption Isotherm Coefficients of Phenolated Wastewater by Using Pressmud	Applied Science Periodicals, VII (1), February 2005
15	Srihari, V., Das, Ashutosh	2005	Estimation of Adsorption Spontaneity through Thermodynamics Parameters	Applied Science Periodicals, VII (1), February 2005.

16	Srihari, V., Das, Ashutosh	2004	Reduction of Chemical Oxygen Demand of Sugar Industry Effluents using Natural Clays as Adsorbents	Journal of Chemistry and Environment, 8 (2), 2004, 65-68.
17	Srihari, V., Das, Ashutosh	2004	Study on Phenol-sorption of Two Homogenized Industrial-Wastewater-Blend using Activated Carbon	Ecology, Environment and Conservation, 23(4), 2004.
18	Srihari, V., Das, Ashutosh	2004	Thermodynamic Evaluation of Phenol Adsorption by Agricultural Waste – <i>Hemidesmus indicus</i>	1) Engineering Today, VI (10), October 2004, 5-7.
19	Das, Ashutosh, Suribabu, C.R., Rao, M.R.J.	2000	Inter Basin Water Transfer in India and Trenchless Technology: A Conceptual Treatise	Journal of Indian Water Resources Society 20(2), 2000,103-108.
20	Rao, M.R.J, Brahadeeswaran, S., Das, Ashutosh	2000	Environmental Technology Strategy-Problems & Prospects	Indian Journal of Environmental Protection, 20(6),2000, 473-475.

(c) Papers in International Conferences (those held outside India)

S.No.	Author(s)	Year of Publication	Title of Paper	Name and Place of Conference
1	Rajesh, S, Sankaraguru Raman, Das, Ashutosh	2003	A GIS/LIS Approach for Suitability of Shallow Foundation at Southern Chennai, India	MAPASIA – 2003, Kuala Lumpur, Malaysia, 13-15 October 2003.

(d) Papers in Indian Conferences

S.No.	Author(s)	Year of Publication	Title of Paper	Name and Place of Conference
1	Rajaram, T and Das Ashutosh Das	2010	Reduction of Ozone Depleting Substances (ODSs) through Sustainable Food Systems	National Seminar on Combating Ozone Layer Depletion) at PRIST University, Thanjavur on 16 September 2010
2	Shyamala, A; Srihari, V. and Das, Ashutosh	2004	Study on Utility of Use of Agro-Waste Ash As Adsorbent for Dephenolation of Wastewater	National Seminar on Environmental Impact assessment, adhiyamaan College of Engg., Hosur, 29-30 Sept 2004.
3	Rajesh, S, Sankaraguru Raman, Das, Ashutosh	2003	Development of Soil Information System for Shallow Foundation using GIS	Proc. 6 th ESRI User India Conference, New Delhi, 23-24 April 2003

4	Das, Ashutosh	2003	Environmental Vastu	National Seminar on “Traditional Architecture as per Vaasthu Sastra” at SASTRA Deemed University, Thanjavur (7-8, March 2003)
5	Das, Ashutosh	2003	Clean –Fuel Technology	National Conference on Environmental Management at SASTRA, Deemed University, Thanjavur (26-28 Feb 2003).
6	Srihari, V and Das, Ashutosh	2003	An Overview an Overused Environment	National Conference on Environmental Management at SASTRA, Deemed University, Thanjavur (26-28 Feb 2003).
7	Das, Ashutosh	2001	Analysis and Feasibility of Specific Character Modules in Technical Education	31 st Annual Conference of ISTE, Kalinga Institute of Technology, Bhubaneswar, 12 – 14 Dec. 2001
8	Das, Ashutosh, Gowrisankar, S.	2001	Feasibility of Plant as an Architectural Design Parameter in Arid and Semi-Arid Zones Towards a Better Natural Resources Management	Seminar –cum-Workshop on Jeopardised Environment and Its Protection, J.J. College of Arts and science, Pudukotai, T.N. (India). 16 th Feb. 2001.

9	Das, Ashutosh, Uma, S.R.	2001	Bio-Engineering Techniques through Landscaping with Special Reference to Cyclone for Indian Coastal Zone Management	Seminar –cum-Workshop on Jeopardised Environment and Its Protection, J.J.College of Arts and science, Puddukotai,T.N.(India), 16 th Feb.2001.
10	Das, Ashutosh, Thilagavati, S.	2000	The Prospects and Feasibility of Distant Education Scheme for Transfer of Technical Education in India	30 th Annual Conference of ISTE, Nirma Institute of Technology, Ahmedabad, 14 – 16 Dec. 2000, pp.168- 169.
11	Das, Ashutosh, Thilagavati, S., Ravishankar,M,	2000	Development and Performance Study of a Low-Cost Natural Resin Distemper on Priming Coat	Proceeding All India Seminar on Building Science 2000, Conducted by Institution of Engineers(India), Nagpur, Nov.25-26, 2000.
12	Rao, M.R.J., Das, Ashutosh , Ravindar, S, Venkatasubramani an, C.	2000	Delination of Groundwater Potential Zones for Water Resources Development in Rural Areas	All India Conference on Technology for Rural Development in Y2K+, Organised by Institute of Engineers (India), Tirupati (AP, India), June 30- July 1, 2000.
13	Uma, S.R., Das, Ashutosh, Srihari, V.	2000	Bullock Cart – A Futuristic Perspective	All India Conference on Technology for Rural Development in Y2K+, Organised by Institute of Engineers (India), Tirupati (AP, India), June 30- July 1, 2000.

14	Rao, M.R.J., Das, Ashutosh, Ravindar, S, Venkatasubramanian, C.	2000	Ground Water Exploration in Coastal Areas – Using Remote Sensing Techniques	Proceeding State Conf. on Exploration Techniques, Organised by UGC, Trichy, March 30-31, 2000.
15	Rao, M.R.J. , Das, Ashutosh, Brahadeeswaran, S,	2000	Managing the Environment –an Integrated Approach	All India Conference on Environment, PROBE, PMCTW, Vallam, T.N.(India) March 10-11, 2000.
16	Das, Ashutosh , Sharma, D.K.	1999	Relation of Petrographic Composition of Coal with Combustion of Coal	National Seminar on Coal and Coal Combustion in Utility Boiler, Organised by NTPC, Noida (UP, India), April 6-8, 1999.
17	Das, Ashutosh , Sharma, D.K.	1998	Desulphurization of Assam Coal to Obtain Environmentally Cleaner Fuel	CHEMICON – 98: 51 st Annual Session of Indian Institute of Chemical Engineering, Vishakhapatnam (AP, India), December 16-19, 1998.

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1. K. Ravikumar and Khosa, R. (2007), "Fair and Equitable Allocations of Cauvery River Waters." *Water International*, 32(4), 571-588.
2. Mukesh Goel, K.Ravi Kumar, Ashutosh Das and M. Sreeharsha (2011) "Degradation of high concentration of 2-chlorophenol and 2,6-Dichlorophenol by mixed anaerobic culture" *International Journal of Pharmacy and Bio-Sciences*, 3(1), B-372-378.
3. R. Karunakaran, Mukesh Goel, Ashutosh Das, K. Ravikumar and Lokesh Upadhyay, (2012), "Evaluating biological degradation of azo dye using mixed culture", *Journal of Pharmacy and Research*, 5(4), 2049-2051.
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7. Sanjib Moulick, K. Ravikumar, Mukesh Goel and Ashutosh Das, (2013), "Low Cast Design Stepped Cascade Aeration System", *International Journal of Humanities, Science and Technology*, Vol. 1(3), 123-127.
8. Nileena, S., Sony George, Mukesh Goel, K. Ravikumar and Ashutosh Das, (2013), "Evaluation of Non-optimal Biosorptive Potential of *Lemna minor* for

- Reactive red and yellow dyes in their aqueous solution” *International Journal of Humanities, Science and Technology* (in press).
9. Ajit kumar, Ashutosh Das, Mukesh Goel, K. Ravi Kumar, B. Subramanyam and J.S. Sudarsana (2013) “Recovery of Nutrient from Wastewater Through Struvite Crystallization” *Nature, Environment and Pollution Technology*, 12 (3), 479-482.
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1. Ravikumar, K and Khosa, R, (2005), "Helsinki Rules Based Allocation of Cauvery River Waters." Proc., of the International Conference on Hydrological Perspectives for Sustainable Development, Perumal, P., et al., eds., Department of Hydrology, I.I.T Roorkee, India, Vol 2, 1032-1045.
2. K Ravikumar, (2010), "Role of Individuals in Conservation of Resources and Equitable use of Resources" Proceedings of STOP ABUSE (2010), 12 to 14th June, organized by Centre for Environmental Engineering(CEE), PRIST University, Thanjavur, 49-59.
3. V. Ratna Kishore and K Ravikumar, (2010), "General circulation model simulation of Ozone layer" Proceedings of COLD-2010, 16th Sept, organized by Centre for Environmental Engineering (CEE), PRIST University, Thanjavur, 67-70.
4. Mukesh Goel, V. Ratna Kishore, K Ravikumar, Karuna Rengappa and Ashutosh Das, (2010), "Reductive Dechlorination of Perchloroethylene and Trichloroethylene: A Review" Proceedings of National Conference on Biotechnology, Bioinformatics and Bioengineering, 17-18th Dec, Organized by Society for Applied Biotechnology in association with Cropgene Technology, Dharmapuri, Tamil Nadu, 71.
5. K Ravikumar, Ashutosh Das and Mukesh Goel (2011), "Use of the modified TEM models towards an Interactive of Resource Planning Process and International Emission Trading Experiments - An Indian perspective", International Conference on Tropical Island Ecosystem (TEICON – 2011), 23-26th March 2011, CARI, Port Blair, A&N islands.
6. Ashutosh Das, Mukesh Goel, and K. Ravi Kumar, (2011), "Trend Assessment of Salinity-based Irrigation Suitability in post-Tsunami coastal Region of

- India - A Case Study”, International Conference on Tropical Island Ecosystem (TEICON – 2011), 23-26th March 2011, CARI, Port Blair, A&N islands.
7. Mukesh Goel, Ashutosh Das, K. Ravikumar and P. Ananthanarayanan, (2012,) “Degradation of Organic Dye in the water using Ultrasound: Enhancement with UV/H₂O₂/O₃”, National Seminar on Energy Resources, Environmental Impacts and Industrial Waste Management (EEIWM-2012), February 27-28, 2012, Dept of Environmental Sciences, Sri Venkateswara University, Tirupati, Andhra Pradesh, India, pp 70.
 8. Nileena, S., Ashutosh Das, Mukesh Goel and K Ravikumar, (2012), “Removal Of Congo Red Dyes From Aqueous Solution Using De- Oiled Jatropha Curcas Cake: A Study At Lower Concentration”, National Conference on Biodiversity and Biotechnology, PRIST University, Thanjavur, 28-30 March,.
 9. Nileena, S, Ashutosh Das, Mukesh Goel and K Ravikumar, (2012), “Dye Induced Toxicity Management Through Biosorptive Remediation Using De-oiled Jatropha Cake”, National Conference on Disaster Management and Mitigation Measures (NCODMM-2012), 6-7th April 2012.
 10. K. Ravikumar, Praveena Rao, Shiwani, Sarita, Senthil Thambi, Ashutosh Das and Mukesh Goel, (2012), “Study of Relationship of Potential Kidney Stone with Water (Consumption and Quality) and Dietary Habits of People in Urban Thanjavur using GIS”, National Conference on Disaster Management and Mitigation Measures (NCODMM-2012), 6-7th April 2012.
 11. Manjusha, B, Ashutosh Das and K. Ravikumar, Potability study and Trend evaluation of water quality of Lentic water body – A Case study: Sasthamcotta Lake, Kerala, Seventh Indo-US Workshop on Mathematical Chemistry, PRIST University, Thanjavur, December 4-6, 2012, PP-46.
 12. Manju Philip, Ashutosh Das and K. Ravikumar, Study on the invasion of movement of exotic land Snail Achatina Fulica, Seventh Indo-US Workshop

- on Mathematical Chemistry, PRIST University, Thanjavur, December 4-6, 2012, PP-48.
13. K. Ravikumar, Vikash Kumar, Paldeen, Silvenus, Ashutosh Das, Mukesh Goel (2013) Leachability Study on Mobile Battery Wastewater, National Level Conf on “Recent Trends in E-Waste Management”(RTEWM-2013), Mohamed Sathak Engg College, Kilakarai-623 806, 20-21 Feb’2013.
 14. B. Jose Ravindra Raj. International Journal of Innovations in Engineering and Technology (IJIET) Volume 3 Issue 3 February 2014 54 ISSN: 2319 – 1058 High Strength Concrete Made Using Manufactured Sand, Coconut Shell and Steel Fibre “International Journal of Innovations in Engineering and Technology (IJIET)”
 15. Vijaya sarathy.R. Jose Ravindraraaj.B International Journal of Applied Engineering Research ISSN 0973-4562 Volume 9, Number 23 (2014) pp. 20497-20507 Paper code: 28130 – IJAER Short term Durability Characteristics of Robo Sand and GGBFS Based High Performance Concrete
 16. Jose Ravindra Raj.B International Journal of Engineering and Management Research Date: 28-04-2015 ISSN (Online): 2250-0758, ISSN (Print): 2394-6962 “Application of Principal Components Analysis for Exploration of Alteration Mapping of Inland Placer Minerals between Kayalpatinam and Ovari: Southern Tamilnadu Coast, India”, by “Jose Ravindra Raj.B” has been published in the “International Journal of Engineering and Management Research”, Volume-5, Issue-2 of April 2015.
 17. Jose Ravindra Raj.B Vijaya Sarathy.R, ISSN (ONLINE): 2250-0758, ISSN (PRINT): 2394-6962 762 Copyright © 2011-15. Volume-5, Issue-2, April-2015 International Journal of Engineering and Management Research Page Number: 762-767
 18. Application of Geographical Information System for Monitoring and Mapping of Forest Fire in Tiruchirappalli Division, Tamilnadu, India
 19. Vijayasathy. R , Jose Ravindraraaj. B INFLUENCE OF CONCRETE ADMIXTURES ON ACCELERATED CURING International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.61 (2015) © Research India Publications
 20. B. Jose Ravindra Ra Available online at www.pelagiaresearchlibrary.com Pelagia Research Library Advances in Applied Science Research, 2012, 3

(3):1709-1713 Physico-chemical characteristics of ground water of Manachanallur Block Trichy, Tamilnadu, India

21. Jose Ravindraraj.B3 Int. Journal of Advances in Remote Sensing and GIS, Vol. 1, No. 3, 2013 Received on December 2012; Accepted on January 2013; Published on February, 2013 Land use facet is indicator of coastal land management: A case study of tuticorin coast using geospatial techniques.

STUDENTS PUBLICATION

SNO	CANDIDATE NAME	JOURNAL NAME	RESEARCH PAPER	VOLUME/ISSUSE	YEAR
1.	Dhinesh Kumar S.	India International Journal of innovative Research and development <i>ISSN 2278 – 0211</i>	Analysis of Properties in Bitumen and Asphalt with Partial Replacement of Rubber Tyres	VolumeIV/Issue 5	MAY 2015
2.	Sobhana .S	India International Journal of innovative Research and development <i>ISSN 2278 – 0211</i>	Web Crippling Behavior of Cold-Formed Steel Back to Back Lipped Channel Section with Web Holes	VolumeIV/Issue 5	APRIL 2015
3.	Baintamilselvan. T	India International Journal of innovative Research and development <i>ISSN 2278 – 0211</i>	Strength and Durability Study on Partial Replacement of Cement and Coarse Aggregate with Multi Waste Materials	Volume10/ Number 8	March 2015
4.	Rajamanikandan. K	India International Journal of innovative	Application of Geogrphical	VolumeIV/Issue 5	APRIL

		Research and development <i>ISSN 2278 – 0211</i>	Information System for Monitoring and Mapping of Forest Fire in Tiruchirappalli Division,Tamilnadu, India		2015
5.	Anandaraju.K	India International Journal of innovative Research and development <i>ISSN 2278 – 0211</i>	Experimental Investigation On The Behaviour Of Cold Formed Light Gauge Steel Beams Subjected To Cyclic Loading	VolumeIV/Issue 5	APRIL 2015
6.	Sankar.R	India International Journal of innovative Research and development <i>ISSN 2278 – 0211</i>	Application of Principal Components Analysis for Exploration of Alteration Mapping of Inland Placer Minerals between Kayalpatinam and Ovari: Southern Tamilnadu coast, India	VolumeIV/Issue 5	APRIL 2015
7.	M. Poonkodi	India International Journal of innovative Research and development <i>ISSN 2278 – 0211</i>	Coastal Hazard Zonation between Vembar and Kallar Coasts of Tuticorin using High Resolution Satellite Images and GIS	VolumeIV/Issue 5	March 2015

8.	J.Parvesh	India International Journal of innovative Research and development <i>ISSN 2278 – 0211</i>	High Strength Concrete Made Using Manufactured Sand, Coconut Shell and Steel Fibre	Volume 3 Issue 3	February 2014
9.	Ishwarya.R.V	India International Journal of innovative Research and development <i>ISSN 2278 – 0211</i>	Shortterm Durability Characteristics of Robo Sand and GGBFS Based High Performance Concrete	Volume 9, Number 23	March 2015
10.	Nithya.N	India International Journal of innovative Research and development <i>ISSN 2278 – 0211</i>	Experimental Study on Strength and Durability Properties of Concrete with Nano Metakaolin	Volume 5/Issue 2	April 2015
11	Praveen Kumar R	India International Journal of innovative Research and development <i>ISSN 2278 – 0211</i>	Experimental Study on Partial Replacement of Cement with Egg Shell Powder	Volume 5/Issue 2	April 2015

23. Details of patents and income generated : Nil

24. Areas of consultancy and income generated :

Sl . no.	Particulars	Amount generated
1	Water Analysis charges	Rs. 800
2.	Treatment of Hospital Waste Water	Rs. 50000
3	Cube compressive strength	Rs.350

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad :

Sl. No.	Faculty Name	Institution Visited	Purpose	Date
1	Dr. Ashutosh Das	Toc H Institute of Science and Technology, Kerala	Member of Research Advisory Board	17 th April 2015
2	Dr. Ashutosh Das	Annai College of Engg and Tech, Kumbakonam	Chief Guest for the Inaugural function	27 th Jan 2012
3	Dr. Ashutosh Das	K.R.Ramakrishnan Engg College, Trichy	Chief Guest for the Inaugural function	13 th February 2013

26. Faculty serving in

- a) National committees b) International committees other (please specify) :

Sl. No.	Faculty Name	Designation	Board/Society
1	Dr. Ashutosh Das	Chair Person	Honorary Executive Council Member of Technology World, India
		Guest Faculty	Environmental Information System Centre (Madras School of Economics, Ministry of Environment and Forest, Govt. of India)

c) Editorial Boards d) any

Sl.No	Faculty Name	Editorial Board/ Reviewer	Journal
1.	Dr. Ashutosh Das.	Co-editor	“Journal of Eco-toxicology and Hematology”,
			“International Journal of Earth Sciences & Engg”,
			“Journal of Current Sciences.”
			International Journal of Earth Sciences & Engineering.
		Associate Editor	World Research Journal of Geoinformatics, Bio-info publications
		Reviewer	INAE Young Engineer Award 2006
			“Hydrological Processes”
			International Journal of Chemistry and Environment.
			Indian Journal of Geomorphology
2.	Dr. MukeshGoel	Reviewer	Biotechnology and Bioengineering
			Journal of Hazardous Materials
			Environmental Technology
3.	Dr. K. Ravi Kumar	Reviewer	Journal of Operational Research Society
			International Journal of Earth Sciences & Engineering.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs:

Title of the programs	Date
Technology Enhanced Learning (NPTEL) -IIT Madras	12.4.13
Quality Improvement Program on Instructional Design & Design Delivery systems (NITTR)	30.01.12 - 04.02.12
Workshop on High Impact teaching Skills (Wipro Mission)	10.01.11 – 12.01.11
Quality Improvement Program on Instructional Design & Design Delivery systems (NITTR)	07.01.09- 09.01.09

28. Student projects

- ☐ percentage of students who have done in-house projects including inter-departmental projects : 88%
- ☐ percentage of students doing projects in collaboration with other universities
/ industry / institute : 2%

29. Awards / recognitions received at the national and international level by

- ☐ Faculty : 01

Sl.No	Faculty Name	Award	Board/ Society	Year
1.	Dr. Ashutosh Das	“Leading Engineers of the World”	International Biographical Society, Cambridge	2006
		“Environmentalism of the Year”	NESA (National Environmental Science Academy, New Delhi	2008

☐ Doctoral / post doctoral fellows : NIL

☐ Students : NIL

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

1) Short-term Training & Orientation Program On Awareness Of Basic Understanding of the Science of Environment (STOP ABUSE) – 2010’.

Date and venue: 12 - 14th June 2010, PRIST University, West Campus

Sponsored Organization: PRIST University.

(2) Combating Ozone Layer Depletion (COLD) – 2010.

Date and venue: The International Day for the Preservation of Ozone Layer – 16th September 2010, PRIST University, East Campus.

Sponsored Organization: Department of Science and Technology (DST), Govt of India.

(3) ‘One-Day Orientation Programme on GIS’.

Date and venue: 5th March 2011, PRIST University, West Campus.

Collaboration: Indian Geo-Informatics Centre, Chennai.

Resource person: Mr. D.Ragavan, Head of Operations, Indian Geo-Informatics Centre, Chennai.

(4), (5) & (6) 5-day Workshop on ‘A Practical Approach to GIS Data Creation and Spatial Analysis’.

Date and venue: 5th to 9th September 2011, 25th to 29th September 2012, 4th to 8th Feb’14 at PRIST University, West Campus.

Collaboration: Indian Geo-Informatics Centre, Chennai.

Resource person: Mr. D.Ragavan, Head of Operations, Indian Geo-Informatics Centre, Chennai.

(7)One Day Workshop on Environmental Risk Assessment

Date and venue: 5th Dec'12, PRIST University, West Campus.

Resource persons:

(i) Dr. Dilip Kumar Sinha, Former Vice-Chancellor, VisvaBharati University, Kolkata (ii) Prof. G.V. Rajamanickam, Consultant, Coastal Mining and Director, R&D, Sri Sairam Institutions, Chennai.

(8) Conducted two days work shop on 'Basic Geo-statistical Analysis for Experimental Data Sets' at Department of Geology, University of Madras, Chennai during 25th to 26th March 2014.

Workshop covered various modules on the application of statistics to develop the knowledge enabling the research scholars for proper utilization of statistical principles, concepts and applications in interpreting their own data. Total of 20 research scholars participated from various departments of the University. In gesture, the Department of Geology has given appreciation letter and inviting CEE faculty to spare more time to another batch of scholars.

31. Code of ethics for research followed by the departments :---

CODE OF ETHICS FOR RESEARCH

1. Research Data and Records

- a. Research workers must comply with the University's 'Policy on the Management of Research Data and Records' and related policies that may be promulgated from time to time. This policy includes, but it is not limited to, the following requirements -
 - i. data and records should be accurate, complete and in sufficient detail to enable verification of research results and to reflect what was communicated, decided or done;

- ii. data (including electronic data) must be recorded in a durable and retrievable form, be appropriately indexed and comply with relevant protocols;
- iii. data must be retained intact for a period of at least five years from the date of any publication which is based upon or longer than this if discussion of results continues, if there are regulatory or sponsor requirements, or if the data has historical or archival value;
- iv. a research unit or department must establish procedures for retention of data and maintain a register of the data and records and their location; data and records will normally be kept in the department or unit where the research was conducted;
- v. data forming the basis of publications must be available for discussion with other research workers; where confidentiality provisions apply, the data should be kept in a way that allows reference by third parties without breaching confidentiality; and
- vi. when data are obtained from limited access data bases, or via a contractual arrangement, written indication of the location of the original data, or key information regarding the database from which it was obtained, must be retained by the research worker or research unit

2. Authorship

- a. For a person to be recorded as an author of a publication requires that he or she is directly involved in the creation of the publication by -
 - i. conceiving it, analysing and interpreting the data on which it is based;
 - ii. writing or revising the intellectual content; and
 - iii. giving final approval of the version to be published
- b. The right to authorship is not tied to position or profession; ghost, gift, or honorary authorship is unacceptable. Authorship should honestly reflect the contribution to the work being published. Participation solely in the acquisition of funding or the collection of data is not sufficient for a person to be attributed as an author of a publication.
- c. Any part of an article critical to its main conclusion must be the responsibility of at least one author.

- d. An author's role in a research output must be sufficient for that person to take public responsibility for at least that part of the output in that person's area of expertise.
- e. No person who is an author, consistent with this definition, may be excluded as an author without their permission in writing.
- f. When there is more than one co-author of a research output, one co-author (by agreement amongst the authors) should be nominated as executive author for the purposes of administration and correspondence and when there is more than one co-author of a research output, the authors should discuss and reach agreement on the order in which authors shall be listed.
- g. Other persons who contributed to the work who are not authors should be named in Acknowledgements (where the publisher provides for this, and in a manner consistent with the norms of the research field or discipline). An author must ensure that the work of research students, research assistants and technical officers is recognised in a publication derived from research to which they have made a contribution.
- h. Research workers must comply with authorship criteria appropriate to their discipline, and/or according to the requirements of the journal their work is to be published in.

3. Publications

- a. Publication of more than one paper based on the same set(s) or subset(s) of data is not acceptable, except where each subsequent paper fully cross-references and acknowledges the earlier paper or papers as the case may be (for example, in a series of closely related work, or where a complete work grew out of a preliminary publication and this is fully acknowledged).
- b. An author who submits substantially similar work to more than one publisher must disclose this to the publishers at the time of submission.
- c. Publications must include information on the sources of financial support for the research and must include a disclosure of any potential conflicts of interest. Financial sponsorship that carries an embargo on such naming of a sponsor should be avoided.

4. Supervision of Students Undertaking Research

Supervision of research higher degree students must be carried out in accordance with the Supervision of Research Higher Degree Students Policy.

5. Conflict of Interest

- a. A research worker has a conflict of interest in any circumstances where that person has a real, perceived or potential opportunity to prefer their own interests, or those of any other person or organisation, to the interests of the University. Examples of conflicts of interest in research include but are not limited to situations -
 - i. where the research is sponsored by a related body;
 - ii. where the researcher or a related body may benefit, directly or indirectly, from any inappropriate dissemination of research results (including any delay in or restriction upon publication of such results);
 - iii. where the researcher or a related body may benefit, directly or indirectly, from the use of University resources;
 - iv. where the researcher conducts a clinical trial which is sponsored by any person or organisation with a significant interest in the results of the trial.
 - v. where private benefits or significant personal or professional advantage are dependent on research outcomes

A related body is any person or body with which the researcher has an affiliation or a financial involvement.

A financial involvement includes a direct or indirect financial interest, provision of benefits (such as travel and accommodation) and provision of materials or facilities.

An indirect financial interest is a financial interest or benefit derived by the researcher's relatives, personal or business associates, or research students.

It is important to recognise that real or perceived opportunities to give preference to personal interests arise from competing obligations and can be other than financial.

- b. The responsibility for managing a conflict of interest rests, in the first instance, with the individual.
 - i. A research worker must make a full disclosure of a conflict of interest or of circumstances that might give rise to a

perceived or potential conflict of interest as soon as reasonably practicable as follows -

- A. where the research worker is a head of department, to the dean of the relevant faculty;
- B. where the research worker is a dean of a faculty, to the deputy vice-chancellor (research);
- C. in all other cases, to the research worker's head of department.

For the conduct of clinical trials, full disclosure must include the nature of the sponsorship and the relationships between the sponsor, trial subjects and the clinical investigator.

- c. Disclosures shall be handled as follows -
 - i. the officer in receipt of the disclosure referred in paragraph (i) above must discuss the matter with the staff member concerned determine a procedure for the management or elimination of the conflict of interest. The procedure must be documented and the research worker advised in writing and a copy of the agreement held in the department's records.
 - ii. a research worker must comply with the direction of the officer referred to in section 5 (e)(i) above in relation to the management of the conflict of interest.
 - iii. unless involved directly, it is the responsibility of heads of departments to ensure that conflicts of interest in research involving their staff members are managed appropriately.
 - iv. when a head of department has a conflict of interest in research, the dean of the faculty will be responsible for recommending to the deputy vice-chancellor (Research) appropriate management arrangements.
 - v. when a dean of faculty has a conflict of interest in research, the deputy vice-chancellor (Research) will be responsible for recommending to the vice-chancellor appropriate management arrangements.
- d. a head of department must not be a director of any organisation sponsoring research in that department or have a direct or indirect financial interest in excess of 5% equity in such an organisation

unless full disclosure has been made and the vice-chancellor has approved an exception to this policy.

- e. the deputy vice-chancellor (Research), when deciding whether to accept sponsored research or contract research funding on behalf of the University, may seek information regarding disclosure and management of any conflict of interest that may result.

6. ADDITIONAL REQUIREMENTS

- a) Any special standards of work performance and ethical conduct imposed by law or by the University in relation to particular categories of research are deemed to be included in this code in its application to persons engaged in that kind of research in the University. These include that where research procedures are of a kind requiring approval by a human or animal ethics committee, gene technology and biosafety Committee or by a safety or other validly constituted regulatory committees, research must not proceed without such prior approval.
- b) Research workers should endeavour to safeguard the interests of all parties in relation to intellectual property in accordance with the Intellectual Property Statute of the University and other guidelines as may be promulgated from time to time.
- c) Every research worker should be provided with access to material on applicable institutional guidelines for the conduct of research, including those covering ethical requirements for studies on humans or animals, requirements for confidentiality, and occupational health and safety matters.
- d) Academic staff must make a declaration as part of their annual reporting requirements that they have complied with the provisions of the code.

7. RESEARCH MISCONDUCT

- i. Research misconduct is constituted by a failure to comply with the principles or specific provisions of the code and includes but is not limited to conduct in, or in connection with, research that is (a) dishonest, reckless or negligent and (b) seriously deviates from accepted standards within the scientific and scholarly community for proposing, conducting or reporting research, such as following, includes -
 - a. the fabrication or falsification of data or results,
 - b. the use of another person's ideas, work or data without appropriate acknowledgement,

- c. misleading ascription of authorship to a publication including the listing of authors without their permission, attributing work to people who have not in fact contributed to the publication, the lack of appropriate acknowledgement of work primarily produced by a research student/trainee or associate, and
 - d. failure to disclose conflicts of interest or cases where a conflict of interest might reasonably be perceived to exist.
- ii. Allegations of misconduct in research by students will be dealt by Student Academic Discipline Committee.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG: B.Tech-CIVIL Engineering(2010)	30	23	05	77%	17%
UG: B.Tech-CIVIL Engineering(2011)	65	57	02	88%	31%
UG: B.Tech- Civil Engineering(2012)	60	32	05	53%	10%
UG: B.Tech- CIVIL Engineering(2013)	55	33	04	60%	10%
UG: B.Tech- CIVIL Engineering(2014)	50	38	08	76%	16%
UG: B.Tech- CIVIL Engineering(2015)	50	40	4	80%	10%
PG: M.Tech Structural Engineering (2010)	20	14	03	70%	15%
PG: M.Tech Structural Engineering (2011)	25	11	06	44%	24%
PG: M.Tech Structural Engineering (2012)	20	12	06	60%	30%
PG: M.Tech Structural Engineering (2013)	20	14	04	70%	20%
PG: M.Tech Structural Engineering (2014)	16	11	05	68%	31%
PG: M.Tech Structural Engineering (2015)	16	09	03	56%	18%

M.Tech Engineering(2015)	Environmental	10	02	02	20%	20%
M.Tech Engineering(2014)	Environmental	08	02	-	25%	-
M.Tech Engineering(2013)	Environmental	09	02	01	22%	11%
M.Tech Engineering(2012)	Environmental	11	03	02	27%	18%
M.Tech Engineering(2011)	Environmental	02	0	0	0	0
M.Tech Engineering(2010)	Environmental	25	15	03	60%	12%

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
2010 – 2014 (B.Tech Civil)	-	56%	44%	-
2011 – 2015 (B.Tech Civil)	-	46%	54%	-
2012 – 2016 (B.Tech Civil)	-	79%	16%	4%
2013 – 2017 ((B.Tech Civil)	-	58%	33%	8%
2014-2018 (B.Tech Civil)	-	88%	12%	-
2015-2019 (B.Tech Civil)	-	-	-	-
2010- 2012 (M.Tech -Structural)	-	100%	-	-
2011 – 2013 (M.Tech -Structural)	-	100%	-	-
2012 – 2014 (M.Tech -Structural)	-	100%	-	-
2013 – 2015 (M.Tech -Structural)	-	100%	-	-
2014 – 2016 (M.Tech -Structural)	-	100%	-	-
2015 – 2017 (M.Tech -Structural)	-	90%	-	10%
2010- 2012 (M.Tech Environmental)	-	100%	-	-
2011 – 2013(M.Tech-Environmental)	-	100%	-	-
2012 - 2014(M.Tech -Environmental)	-	100%	-	-
2013 – 2015 (M.Tech Environmental)	-	100%	-	-
2014 – 2016 (M.Tech Environmental)	-	100%	-	-
2015 – 2017 (M.Tech Environmental)	-	100%	-	-

34. How many students have cleared Civil Services and Defence Services examinations, NET, SLET, GATE and other competitive examinations? Give details category-wise.

NIL

35. Student progression

Student progression		Percentage against enrolled
UG to PG		2008 – 12 batch – 10 % 2009 – 13 batch – 15% 2010 – 14 batch – 5 % 2011 - 15 batch - 10%
PG to M.Phil.		Not applicable
PG to Ph.D.		---
Ph.D. to Post-Doctoral		NIL
Employed		2008 – 12 batch – 85 % 2009 – 13 batch – 90 % 2010 – 14 batch – 90 % 2011 – 15 batch – 65 %
<input type="checkbox"/>	Campus selection	
<input type="checkbox"/>	Other than campus recruitment	
Entrepreneurs		2008 – 12 batch – 3 % 2009 – 13 batch – 10% 2010 – 14 batch – 10 % 2011 – 15 batch – 5%

36. Diversity of staff:

Percentage of faculty who are graduates of the same university: 10%
from other universities within the State : 70%
from universities from other States from universities : 20%
outside the country : NIL

37. **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : NIL**

38. **Present details of departmental infrastructural facilities with regard to**

a) Library - Department has a department library with exclusive books for the course provided.

b) Internet facilities for staff and students : - Internet is made available in all the computers in the department and can be used by faculty and students anytime.

c) Total number of class rooms : 09

d) Class rooms with ICT facility : 01

e) Students' laboratories : 09

f) Research laboratories : 01

39. **List of doctoral, post-doctoral students and Research Associates**

a) from the host institution/university : NIL

b) from other institutions/universities : NIL

40. **Number of post graduate students getting financial assistance from the university:**

Fess Concession 10% for Alumni of our institutions

S No	Students Name	Programme	Batch
1.	Lima Manahoran	M.Tech Structural Engg	2012-2014
2	T.Aravindh	M.Tech Structural Engg	2012-2014
3	N.Kalidhasan	M.Tech Structural Engg	2014-2016
4	N.Jayaraj Xauier	M.Tech Structural Engg	2015-2017
5	Kayigema Pacifique	M.Tech Structural Engg	2015-2017

41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:**

Yes. Feedbacks from alumini, Outgoing students, Parents, Industrialist, Academicians, Employers , Teaching faculty and discussed in the Board of Studies (BOS) meeting held every year.

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation?

If yes, how does the department utilize the feedback? :

Yes. The feed back received is discussed during board of studies meeting for any change in curriculum. The teaching-learning related feed back is discussed with the Dean of Engineering & Technology for suitable course of action.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? :

The Vice-chancellor convenes a meeting along with the Dean (Engineering & Technology) and HODs for course of action.

c. Alumni and employers on the programmes offered and how does the department utilize the feedback? :

During the Board of studies meeting, these feedbacks are discussed and changes are done wherever needed

43. List the distinguished alumni of the department (maximum 10) : --

S.NO	NAME OF THE ALUMINI	DETAILS OF THE PROGRAMME		PRESENT POSITION		CONTACT ADDRESS	MOBILE NO & EMAILID
		PROGRAM	BATCH	DESIGNATION	ORGANISATION		
1	Ramesh Raja.	B.TECH	2011-2015	Site Engineer	SOBHA Developers Pvt	367,10TH CROSS, BANK STAFF COLONY, THANJAVUR-613005	8056774305
2	A.Raj Kumar	B.TECH	2011-2015	Site Engineer	G.R Construction	BF-4 VANAJ BF-4 AGRINI, ANDALPURAM, MADURAI-3	9597177719
3	Navin Kumar Singh	B.TECH	2011-2015	Site Engineer	S.N.Infotech	BALABA-2, MAHOTTARI, NEPAL	9620794494
4	Rohit Kumar Singh	B.TECH	2011-2015	Site Engineer	Madhu Shudan Infratech	BALWA MAHOTTARI, NEPAL 2,	8271690818
5	Vikram Vivek	B.TECH	2011-2015	Site Engineer	Key stone	SOUTH OF BARRIAR, REFUGY COLONY, SAHARSA, BIHAR	9445662998
6	Vikash Kumar	B.TECH	2011-2015	Site Engineer	S.N.Infotech	AT-HARKHAULI, WARD-13, PO+PS-MIRGANJ, BIKAR 841438	741879034
7	Bandish Kumar Patel	B.TECH	2011-2015	Site Engineer	Oriental Construction Pvt Ltd	AT+ PO- TELIHAR, BELDAIR, KHAGARIA, BIHAR 852161	8144434420
8	Ravi Kumar	B.TECH	2011-2015	Planning Engineer	Hindustan Construction	BAJRAHA, DHAMDHA, KUAARI, BIHAR	8969204446
9	Deepak Kumar Gowtham	B.TECH	2010-2014	Site Engineer	RMZ corp	PATNA, KANSO, RASRA, BALLIA	9670290098
10	Paiden Tamang	B.TECH	2010-2014	Engineer	SKIL Infrastructure Ltd	GANGTOK, EAST SIKKIM-737101	benz@talis.co.in (09933489165)

11	Modi k francis	B.TECH	2009-2013	Site Engineer	CVCC Construction	KADAVOOR PO, PANAMKARA, MUVATTUPUZHA, KERALA	modikfrancis@yahoo.com , (9656589022)
12	S.Elakuvan	B.TECH	2009-2013	Site Engineer	V.R.R. Builders	NORTH EAST, KASANKADU- 614613	900385717

43. MOST PROMINENT ALUMNI

s.no	Name Of Alumni	DETAILS OF PROGRAM		PRESENT POSITION	
		Program	Batch	Designation	organization
1.	R.Tamilmaran	M.Tech (structural)	2011-13	Principal	Amma polytechnic, Thiruthurai poondi
2.	J.parvesh	M.Tech (structural)	2012-14	Planning Management	AVS Tech building solution India,Pvt.,ltd, bangalore
3.	B.Vedhanarayan	M.Tech (structural)	2012-14	Principal	Srivenkateshwara polytechnic college, Pudukottai
4.	N.Kalidoss	M.Tech (structural)	2011-2013	Managing director	Sri Lakshmi Associates, Kumbakonam
5.	U.Meera	M.Tech (structural)	2008-2010	Asst. engineer	Rural development
6.	v.Ramya	M.Tech (structural)	2009-2011	Asst. professor	Govt Engg college, sengipatti

43. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- An one day workshop was conducted on the title “Geographical Information System (GIS) Techniques – on 10th August 2009.
- An one day Training Programme on “Total Station Survey” was conducted – on 25-12-2009.
- Short term training & Orientation program on Awareness of Basic understanding of the science of Environment (STOPABUSE 2010)- 12.06.2010 – 14.06.2010.
- Combating Ozone layer Depletion (COLD) – 16.08.2010.
- National Seminar organized by the students of CIVIL under the students club “CREST” during FEB 2011 on “ RECENT TRENDS IN CONSTRUCTION”.
- One day Orientation Program on GIS -05.03.2011.
- Six Day workshop on A Practical Approach to GIS data creation & Spatial Analysis -05.08.2011 – 09.08.2011.
- An One day Inter Departmental Programme was conducted on the title “ STRUCTURA 13 “ – 21 st August 2013.
- One day Training Programme was conducted on the title FACETRIG -1st july 2015.
- An One day Inter Departmental Programme was conducted on the title “ STRUCTURA 15“ – 31st July 2015

Speaker/Institution	Topic	Date
Mr. R.Solomon Paulraj Dy. Manager (Purchase) BEL-Bangalore	Environmental Requirement from Industrial Perspective	6 th Feb.'11
Dr. C.Sivapragasam, HOD, Dept of Civil Engg, Kalasalingam University	Application of Artificial Intelligence in Environmental Engg	20 th Sept'11
Mr. S.Kannan, A.S.E-Engg & Industrial Series- New products Development, T.C.S, Chennai	Dynamics of Unbilical Cable for Underground Bore Well Applications	18 th May'12
Dr. M.A. Hissain, Editor, Sanmarka Nesam, Tamil Monthly Magazine	Vegetarianism	5 th May'13
Prof. R. Velmurugan (Dept of Aero space, IIT Madras, Chennai	Green Composites	6 th Aug'13.

45.List the teaching methods adopted by the faculty for different programmes.

- Videos presentation
- Power point presentation
- Film shows
- Case studies
- Industrial visits
- Web tools
- Explain the concept with some practical examples
- By giving more tutorial classes and assignments.
- Use of smart boards

46.How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Objective Evaluation:

- The evaluation processes to achieve educational objectives are based on the input from alumini and industries.
- These inputs are considered by the members of board of studies on part of the curriculum revision.

Outcome Assessment:

- The Board of studies members meet annually to review the inputs from various surveys and also provide their own recommendations for program improvement. .

47. Highlight the participation of students and faculty in extension activities.

➤ Yes

- National Service Scheme (NSS)
- Student outreach programme

48. Give details of “beyond syllabus scholarly activities” of the department.

- i) Special lectures by National and International experts
- ii) Workshop on Concrete Mix design in collaboration with Ultra Tech Cement Ltd.
- iii) Functioning of Indian Concrete Institute Students Chapter
- iv) Organizing an annual National level Student Technical Seminar called STRESS
- v) Coaching classes for GATE examinations
- vi) Special lectures at other intuitions, Work shop on Mix design for Ultra Tech

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details:

ISO 9001-2008

UGC act 1956

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied: -----

Creating UTM & CTM Testing machines set up for research activities

Conducting Internship training in reputed industries

51.Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength:

- Ideal student teacher ratio
- Well qualified staff members
- Well equipped laboratories
- Continuous updating of knowledge through participation in national &international seminars, delivering of special lectures
- Consultancy

Weaknesses:

- Rural setting
- Lack of awareness about the quality of education offered here

Opportunities:

- Exposure of students to all branches of knowledge other than engineering and technology
- Getting on hand experience of rural life
- Cosmopolitan composition of students.

Challenges:

- Adjustment issues
- Catering to the varying needs of students from different states
- Providing suitable facilities for students from other countries
- Cultural interactions
- Geo Social issues

52.Future plans of the department.

- To plan for commencing new M.E degree programme in Remote Sensing and GIS.
- To starting inter-disciplinary programmes with Department of Earth Sciences and Faculty of agriculture.
- To strive for developing the department as a centre of excellence in structural engineering and developing facilities on par With.

COMPUTER SCIENCE AND ENGINEERING

1. Name of the Department

Department of Computer Science and Engineering

2. Year of establishment

2008

3. Is the Department part of a School/Faculty of the university?

School of Engineering and Technology

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

➤ **UG: B.Tech (Computer Science and Engineering)**

➤ **PG: M.Tech (Computer Science and Engineering)**

5. Interdisciplinary programmes and departments involved

NIL

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

- **CISCO**
- **ORACLE**

7. Details of programmes discontinued, if any, with reasons

Nil

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

Semester & Choice Based Credit System

9. Participation of the department in the courses offered by other departments

S.No.	Name of the Subject	Department
1	Fundamentals of Computing	All Departments
2	Data Structures	Department of ECE
3	Object oriented Programming	Department of EEE
4	Network Fundamentals	Department of ECE
5	Routing Protocol and Concepts	Department of ECE
6	Lan switching and wireless	Department of ECE
7	Accessing the WAN	Department of ECE

10. Number of teaching posts sanctioned, filled and actual
(Professors/Associate Professors/Asst. Professors/others)

	Sanctioned (As per norms)	Filled	Actual (including CAS & MPS)
Professors	2	2	
Associate Professors	3	3	
Asst. Professors	13	13	
Others	-	-	

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

S.No.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
1	Dr.S.NITHYANANDAM	M.Tech., Ph.D.,	Professor	Image Processing	20	
2	Dr.H.NAGANNA	M.Tech., Ph.D.,	Professor	Networking	27	

3	Dr.K.PRASADH.	M.Tech., Ph.D.,	Associate Professor	Network Security	22	
4	Dr.A.N.NANDAKUMAR	M.Tech., Ph.D.,	Associate Professor	Image Processing	27	
5	Dr.M.EDWIN JAYASINGH	M.E., Ph.D.,	Associate Professor	Image Processing	14	
6	J.S.PRASANNA	M.Tech.,	Associate Professor	Soft Computing	15	
7	G.RAJARAJACHOLAN	M.Tech.,	Assistant Professor	Data mining and Warehousing	8 Yrs3 Mnths	
8	K.SANGEETHA	M.Tech.,	Assistant Professor	Cloud Computing	9	
9	S.AMARESAN	M.Tech.,	Assistant Professor	Networking	10	
10	D.MIRUNALINI	M.E.,	Assistant Professor	Data mining and Warehousing	9	
11	N.MOHAMMED HARIS	M.Tech.,	Assistant Professor	Data mining and Warehousing	9	
12	S.PREMKUMAR	M.Tech.,	Assistant Professor	Embedded Systems	6	
13	S.SUDHA	M.Tech.,	Assistant Professor	Image Processing	8 Yrs7 Mnths	
14	S.KANIMOZHI	M.Tech.,	Assistant Professor	Data mining and Warehousing	5	
15	T.S.MURUNYA	M.E.,	Assistant Professor	Data mining and Warehousing	10 Yrs 8 Mnths	
16	S.J.VIVEKANANDAN	M.Tech.,	Assistant Professor	Data mining and Warehousing	5	
17	D.VINOTHA	B.E.,M.S.(USA)	Assistant Professor	Mobile Applications	4	
18	A.JAHIR HUSAIN	M.E.,	Assistant Professor	Mobile Adhoc Networks	18 Yrs	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Nil

13. Percentage of classes taken by temporary faculty – programme-wise information

Nil

14. Programme-wise Student Teacher Ratio

➤ As Per AICTE Norms : UG - 15:1
: PG – 12:1

➤ Available : UG – 15:1
: PG - 12:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

- Lab assistants -- filled (4)
- System admin – filled (1)
- Administrative staff – filled(1)

16. Research thrust areas as recognized by major funding agencies

NA

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, **project title and grants received project-wise.**

S.No	Name of the Faculty	Project Title	Funding Agency	Grants received	Project Status
1	Dr.P.L.K.Priyadarhini	Applications of graph theory concepts in cryptography	DRDO	4.10 Lacks	Completed

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration

b) International collaboration

Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Nil

20. Research facility / centre with

- state recognition
- national recognition
- international recognition

Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies

Nil

22. Publications:

Number of papers published in peer reviewed journals (national / international)

➤ **No. of International Publications : 47**

➤ **No. of National Publications : 103**

Refer Annexure – I (Below)

- Monographs – nil
- Chapters in books - nil
- Edited Books - nil
- Books with ISBN with details of publishers
-

S.No	Name of the book	Author name	Publisher	Year	ISBN
1	Computer Networks	Dr.S.Nithyanandam	Sam's Publishers,	2009	978-81-906369-5-7
2	A Text book on Mobile Computing	Dr.S.Nithyanandam	Dhanpat Rai & Co	2012	978-81-7700-051-1
3	A Text book on System Software	Dr.S.Nithyanandam	Dhanpat Rai & Co	2014	

- Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) -nil
 - Citation Index – range / average -nil
 - SNIP -nil
 - SJR -nil
 - Impact Factor – range / average -nil
 - h-index -nil
23. Details of patents and income generated :Nil
24. Areas of consultancy and income generated : Nil
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad :
 Dr.S.Nithyanandam, Attended global engineering, deans council (GEDC-2011), Conference held in Beijing. China at Peking University, Oct 2011.
26. Faculty serving in
- a) National committees
- Dr.S.Nithyanandam**, Acted as Program chair, for the 5th international conference on the applications of the digital information and web technology (ICADIWT) Co Sponsored by IEEE, Chennai.
- b) International committees
- **Dr.S.Nithyanandam**- Steering committee member for international conference on bio-technology, food and bio engineering, (ICBFBE-2010), Indian Institute of Crop Processing and Technologies.
 - **Dr. H.Naganna**, Chaired International Conference ICCEE2008 at **Phuket** in Dec 2008.
 - **Dr. H.Naganna**, Invited to chair International Conference, ICCEE 2009 at **Dubai** in Dec 2009.
 - **Dr. H.Naganna**, Chaired International Conference **DSDE 2010** Bangalore, February 2010
 - **Dr. H.Naganna**, Chaired International Conference **ICMLC 2010** Bangalore, February 2010
 - **Dr. H.Naganna**, On **Technical Committee** of **ICMLC 2010** Bangalore, February 2010
 - **Dr. H.Naganna**, On **Technical Committee** of **ICSTE 2010** Puerto Rico, USA Oct 2010

c) Editorial Boards :

Dr.S.Nithyanandam, Associate Editor, in the Editorial Board of International Journal of Advanced Information and Communication Technology (IJAICT)

d) Any other (please specify) :

Dr.S.Nithyanandam, Reviewer of Computer Technology and Application (CTA-Journal, USA)

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

S.No	Name of the Program	Date
1	Training Program on Instructional design and delivery system by NITTTR	January 2009
2	DRDO sponsored 5 day FDP on Algorithms and Complexity Theory	31st may-4th June 2011
3	Faculty Development program on Learning Teaching and Curriculum Development	10th – 12th January 2011
4	Faculty Training Programme on Instructional Design and Delivery Systems conducted by NITTTR	30 Jan 2012 to 04 Feb 2012
5	NPTEL Workshop	12.Apr 2013
6.	Orientation Programme	5 & 6 June 13
7.	FDP On Mobile And Pervasive Computing	07 April 2011
8	Training Program on “Web 2.0 Technologies”	4th December 2013
9	Workshop on “NPTEL & Spoken Tutorial Project”	14th February 2014
10	Instructional Design and Delivery Systems (NITTTR,CHENNAI)	7th January 2009 – 9th January 2009
11	Training program on “Certificate in .NET Programming”	19th June 2010 – 26th June 2010
12	FDP on “instructional Design and Delivery”	May 29- june 02, 2006.
13	FDP on “High Impact Teaching Skills”	October-27-31, 2009
14	State Level FDP	24 Sep 2011
15	Faculty Training programming in Certificate in .NET programming	19th – 26th June 2010
16	Faculty Development on Rational Application Developer(RAD)	7th – 10th December 2011

28. Student projects
- percentage of students who have done in-house projects including inter-departmental projects – 90%
 - percentage of students doing projects in collaboration with other universities / industry / institute – 10%
29. Awards / recognitions received at the national and international level by
- Faculty
 - Dr.S.Nithyanandam, “Life time achievement award” by IIE, New Delhi
 - Dr.S.Nithyanandam, “Eminent Educationalist award” by NIC, New Delhi
 - Dr.K.Prasadh, “Best Academic Administrator Award-2015” by Venus International Foundation.
 - Mr. A.Jahir Husain, “Bronze partner faculty award” under inspire-Infosys campus connect 2013.
 - Mr. A.Jahir Husain, “Silver partner faculty award” under inspire-Infosys campus connect 2014.
 - Doctoral / post doctoral fellows - **Nil**
 - Students – Nil
30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. - **Nil**
31. Code of ethics for research followed by the departments

1. Research Data and Records

- a. Research workers must comply with the University’s ‘Policy on the Management of Research Data and Records’ and related policies that may be promulgated from time to time. This policy includes, but it is not limited to, the following requirements -
 - i. data and records should be accurate, complete and in sufficient detail to enable verification of research results and to reflect what was communicated, decided or done;

- ii. data (including electronic data) must be recorded in a durable and retrievable form, be appropriately indexed and comply with relevant protocols;
- iii. data must be retained intact for a period of at least five years from the date of any publication which is based upon or longer than this if discussion of results continues, if there are regulatory or sponsor requirements, or if the data has historical or archival value;
- iv. a research unit or department must establish procedures for retention of data and maintain a register of the data and records and their location; data and records will normally be kept in the department or unit where the research was conducted;
- v. data forming the basis of publications must be available for discussion with other research workers; where confidentiality provisions apply, the data should be kept in a way that allows reference by third parties without breaching confidentiality; and
- vi. when data are obtained from limited access data bases, or via a contractual arrangement, written indication of the location of the original data, or key information regarding the database from which it was obtained, must be retained by the research worker or research unit

2. Authorship

- a. For a person to be recorded as an author of a publication requires that he or she is directly involved in the creation of the publication by -
 - i. conceiving it, analyzing and interpreting the data on which it is based;
 - ii. writing or revising the intellectual content; and
 - iii. giving final approval of the version to be published
- b. The right to authorship is not tied to position or profession; ghost, gift, or honorary authorship is unacceptable. Authorship should honestly reflect the contribution to the work being published. Participation solely in the acquisition of funding or the collection of data is not sufficient for a person to be attributed as an author of a publication.
- c. Any part of an article critical to its main conclusion must be the responsibility of at least one author.

- d. An author's role in a research output must be sufficient for that person to take public responsibility for at least that part of the output in that person's area of expertise.
- e. No person who is an author, consistent with this definition, may be excluded as an author without their permission in writing.
- f. When there is more than one co-author of a research output, one co-author (by agreement amongst the authors) should be nominated as executive author for the purposes of administration and correspondence and when there is more than one co-author of a research output, the authors should discuss and reach agreement on the order in which authors shall be listed.
- g. Other persons who contributed to the work who are not authors should be named in Acknowledgements (where the publisher provides for this, and in a manner consistent with the norms of the research field or discipline). An author must ensure that the work of research students, research assistants and technical officers is recognized in a publication derived from research to which they have made a contribution.
- h. Research workers must comply with authorship criteria appropriate to their discipline, and/or according to the requirements of the journal their work is to be published in.

3. Publications

- a. Publication of more than one paper based on the same set(s) or subset(s) of data is not acceptable, except where each subsequent paper fully cross-references and acknowledges the earlier paper or papers as the case may be (for example, in a series of closely related work, or where a complete work grew out of a preliminary publication and this is fully acknowledged).
- b. An author who submits substantially similar work to more than one publisher must disclose this to the publishers at the time of submission.
- c. Publications must include information on the sources of financial support for the research and must include a disclosure of any potential conflicts of interest. Financial sponsorship that carries an embargo on such naming of a sponsor should be avoided.

4. Supervision of Students Undertaking Research

Supervision of research higher degree students must be carried out in accordance with the Supervision of Research Higher Degree Students Policy.

5. Conflict of Interest

- a. A research worker has a conflict of interest in any circumstances where that person has a real, perceived or potential opportunity to prefer their own interests, or those of any other person or organisation, to the interests of the University. Examples of conflicts of interest in research include but are not limited to situations -
 - i. where the research is sponsored by a related body;
 - ii. where the researcher or a related body may benefit, directly or indirectly, from any inappropriate dissemination of research results (including any delay in or restriction upon publication of such results);
 - iii. where the researcher or a related body may benefit, directly or indirectly, from the use of University resources;
 - iv. where the researcher conducts a clinical trial which is sponsored by any person or organisation with a significant interest in the results of the trial.
 - v. where private benefits or significant personal or professional advantage are dependent on research outcomes

A related body is any person or body with which the researcher has an affiliation or a financial involvement.

A financial involvement includes a direct or indirect financial interest, provision of benefits (such as travel and accommodation) and provision of materials or facilities.

An indirect financial interest is a financial interest or benefit derived by the researcher's relatives, personal or business associates, or research students.

It is important to recognise that real or perceived opportunities to give preference to personal interests arise from competing obligations and can be other than financial.

- b. The responsibility for managing a conflict of interest rests, in the first instance, with the individual.
 - i. A research worker must make a full disclosure of a conflict of interest or of circumstances that might give rise to a

perceived or potential conflict of interest as soon as reasonably practicable as follows -

- A. where the research worker is a head of department, to the dean of the relevant faculty;
- B. where the research worker is a dean of a faculty, to the deputy vice-chancellor (research);
- C. in all other cases, to the research worker's head of department.

For the conduct of clinical trials, full disclosure must include the nature of the sponsorship and the relationships between the sponsor, trial subjects and the clinical investigator.

- c. Disclosures shall be handled as follows -
 - i. The officer in receipt of the disclosure referred in paragraph (i) above must discuss the matter with the staff member concerned determine a procedure for the management or elimination of the conflict of interest. The procedure must be documented and the research worker advised in writing and a copy of the agreement held in the department's records.
 - ii. A research worker must comply with the direction of the officer referred to in section 5 (e)(i) above in relation to the management of the conflict of interest.
 - iii. Unless involved directly, it is the responsibility of heads of departments to ensure that conflicts of interest in research involving their staff members are managed appropriately.
 - iv. When a head of department has a conflict of interest in research, the dean of the faculty will be responsible for recommending to the deputy vice-chancellor (Research) appropriate management arrangements.
 - v. When a dean of faculty has a conflict of interest in research, the deputy vice-chancellor (Research) will be responsible for recommending to the vice-chancellor appropriate management arrangements.
- d. A Head of department must not be a director of any organisation sponsoring research in that department or have a direct or indirect financial interest in excess of 5% equity in such an organisation unless full disclosure has been made and the vice-chancellor has approved an exception to this policy.

- e. the deputy vice-chancellor (Research), when deciding whether to accept sponsored research or contract research funding on behalf of the University, may seek information regarding disclosure and management of any conflict of interest that may result.

6. ADDITIONAL REQUIREMENTS

- a) Any special standards of work performance and ethical conduct imposed by law or by the University in relation to particular categories of research are deemed to be included in this code in its application to persons engaged in that kind of research in the University. These include that where research procedures are of a kind requiring approval by a human or animal ethics committee, gene technology and biosafety Committee or by a safety or other validly constituted regulatory committees, research must not proceed without such prior approval.
- b) Research workers should endeavour to safeguard the interests of all parties in relation to intellectual property in accordance with the Intellectual Property Statute of the University and other guidelines as may be promulgated from time to time.
- c) Every research worker should be provided with access to material on applicable institutional guidelines for the conduct of research, including those covering ethical requirements for studies on humans or animals, requirements for confidentiality, and occupational health and safety matters.
- d) Academic staff must make a declaration as part of their annual reporting requirements that they have complied with the provisions of the code.

7. RESEARCH MISCONDUCT

- i. Research misconduct is constituted by a failure to comply with the principles or specific provisions of the code and includes but is not limited to conduct in, or in connection with, research that is (a) dishonest, reckless or negligent and (b) seriously deviates from accepted standards within the scientific and scholarly community for proposing, conducting or reporting research, such as following, includes -
 - a. the fabrication or falsification of data or results,
 - b. the use of another person's ideas, work or data without appropriate acknowledgement,
 - c. misleading ascription of authorship to a publication including the listing of authors without their permission, attributing work to people who have not in fact contributed to the publication, the lack

- of appropriate acknowledgement of work primarily produced by a research student/trainee or associate, and
- d. failure to disclose conflicts of interest or cases where a conflict of interest might reasonably be perceived to exist.
- ii. Allegations of misconduct in research by students will be dealt by Student Academic Discipline Committee

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
2010-14 (B.Tech CSE)	15(13M,2F)	11	2	85%	100%
2011-15 (B.Tech CSE)	50(28M,22F)	27	22	96%	100%
2012-16 (B.Tech CSE)	37(17M,19F)	16	18	94%	95%
2013-17 (B.Tech CSE)	24(11M,13F)	11	11	100%	85%
2014-18 (B.Tech CSE)	18(11M,07F)	09	06	82%	86%
2015-19 (B.Tech CSE)	27(17M,10F)	16	10	94%	100%
2010-12 (M.Tech CSE)	20(10M,10F)	09	09	90%	90%
2011-13 (M.Tech CSE)	19(19M,0F)	18	0	95%	-
2012-14 (M.Tech CSE)	22(16M,06F)	14	04	88%	67%
2013-15 (M.Tech CSE)	21(15M,06F)	13	05	87%	83%
2014-16 (M.Tech CSE)	13(1M,12F)	01	10	100%	83%
2015-17 (M.Tech CSE)	9(3M,6F)	03	06	100%	100%

33. Diversity Of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Tech(2010-2012)	nil	94%	6%	nil
M.Tech(2011-2013)	nil	100%	nil	nil
M.Tech(2012-2014)	nil	78%	22%	nil
M.Tech(2013-2015)	nil	94%	6%	nil
M.Tech(2014-2016)	nil	100%	nil	nil
M.Tech(2015-2017)	nil	100%	nil	nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

3 students appeared for GATE from 2011 - 2015 batch

35. Student progression

Student progression	Percentage against enrolled
UG to PG	
2008-12	26%
2009-13	30%
2010-14	8%
2011-15	12%
PG to M.Phil.	Nil
PG to Ph.D.	
2010-2012	Nil
2011-2013	Nil
2012-2014	5%
2013-2015	11%
Ph.D. to Post-Doctoral	NA
Employed	
<input type="checkbox"/> Campus selection	
2008-12	Nil
2009-13	13%
2010-14	15%
2011-15	10%
Other than campus recruitment	
2008-12	30%
2009-13	35%
2010-14	15%
2011-15	20%
Entrepreneurs	2%

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	50%
from other universities within the State	33%
from universities from other States	11%
from universities outside the country	5%

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period - Nil

38. Present details of departmental infrastructural facilities with regard to
a) Library

No. of Titles: 140
No. of Volumes: 170

b) Internet facilities for staff and students
8 Mbps, BSNL Leased Line

c) Total number of class rooms : 05

d) Class rooms with ICT facility : 02

e) Students' laboratories :04

f) Research laboratories : Nil

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university

S.No	Name of the Student
1.	T.S.Murunya

b) from other institutions/universities

S.No	Name of the Student	Name of the University
1	A.Jahir Husain	Anna University, Chennai
2	S.J.Vivekanandan	Sathyabama University, Chennai

40. Number of post graduate students getting financial assistance from the university.

Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Yes.

Board of Studies - for Curriculum revision and design.

Feedbacks from alumni, Outgoing students, Parents, Industrialist, Academicians.

42. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes , For designing and revising the curriculum

- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

To improve Performance

- c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

-Yes, for designing and revising the curriculum

43. List the distinguished alumni of the department (maximum 10)

S.No.	Students Name	Company	Designation
1	Priyanka SONI	CGI, Bangalore	Associate Software Engineer
2.	Asif Anjum	Accenture Services Pvt Ltd, Kolkatta	Associate Software Engineer
3.	Ajeet singh	ING Vysya Bank	Assistant Mananger
4.	Nishant Kumar	Nwareindia	Project Manager
5.	Iyer Santosh Balakrishnan	SCIO Analytics India Pvt.Ltd, Chennai-28	SQL Developer/ Product Developer
6.	R. Subramanian Karthick	Accenture , Banglore	Software Developer
7.	C.Sathish Kanna	Herbalife India Pvt Ltd, Banglore	Software Developer
8.	D.Sreekanth	ICT Academy	Knowledge Officer
9.	N.Jibin	Cochin University of Science and Technology, kerala	Contract Guest Lecturer
10.	D. Divya	REVAPHOENIX, CHENNAI	Trainee Engineer

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

S. No	Department	Date	Name of the Event	Resource Persons
1	CSE	10.07.2013	Seminar On Cloud Computing And Big Data	Mr.Mc.Navjot Singh, Program Manager, EMC Corporation
2	CSE	19.02.2013	Guest Lecture on CCNA and CCNP Examinations.	Mr.R.Srinivasan, K.R.A.Systems Thanjavur
3	CSE	18.02.2013	Seminar on open Source Technologies	Mr.Kumar Mani, CEO, Tenth Planet Technologies
4	CSE	23 .08.2013	Microsoft .NET workshop	ISYSWAY Corporation, Chennai.
5	CSE	27, 28 March 2012	“Cryptography and its Application “ DRDO Sponsored Workshop	Dr.P.L.K Priyadarshini, Scientist, CRD, PRIST University
6	CSE	07.02.2012	Guest Lecture on “Entry, Survival and Progress in an Organization”	Er.E.Bala Prasanna, Software testing, HSBC Bank U.K
7	CSE	24.09.2011	Guest Lecture on “Image Compression”	Dr.N.Kannan, Principal, Jayaram College of Engineering, Trichy
8	CSE	23.07.2015 to 24.07.2015	Two Days Technical Symposium - WIMAC 2K15	Dr. N. Ethirajalu, Vice Chancellor, PRIST University.
9	CSE	16.02.2015	Intercollegiate seminar	Dr. S. Saravanakumar PRIST University.

45. List the teaching methods adopted by the faculty for different programmes.

S.NO	METHODS
1	PPT presentations
2	Flash animations
3	Demonstration through LCD projector
4	Study materials soft copy provided to the students
5	Exclusive ICT class room
6	Smart class room
7	NPTEL, Webinars

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

A. Graduate Attributes :

- **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- **Problem analysis:** Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

- **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

B. Programme Educational Objectives:

PEO1: Our graduates will acquire the necessary mathematical and scientific knowledge as well as basic managerial and financial procedures to analyze and solve real world problems within their work domain.

PEO2: Our graduates will acquire the state of art knowledge in major areas of computing science like programming, networking, information security & algorithm development as well as technology solutions like cloud, database systems and mobile applications to enable them to succeed in pursuit of higher studies/ Industry/R&D activity.

PEO3: Our graduates will have the ability and the mindset to continuously update and innovate.

PEO4: Our graduates will have the necessary communication skills to be able effectively communicate with technical experts as also non technical end users.

C. Programme Outcomes (Oi):

At the time of graduation, our students will have:

O1 : A sound knowledge of the fundamentals of computer science to enable them to pursue higher studies at any of the leading institutions of the world.

O2: The ability to analyze real world /scientific problems and convert them to computable algorithms.

O3: The ability to make a comparative study of the complexities of the various approaches to solve such algorithms.

O4: The ability to evaluate the available technological alternatives (like client server, cloud, mobile, stand-alone etc) to implement the same.

O5: The ability to evaluate the various hardware /software /networking /financial requirements for the solution.

O6: The ability to articulate the issues effectively with fellow members as well as end users.

O7: The ability to code the solutions using appropriate languages, port them to different platforms and operate & maintain them effectively.

O8 : Ability to ensure safety of systems/transactions from malicious attacks from outside as well as from within the organization.

O9: The ability to stay acquainted with the current status of technologies/practices.

O10: The ability to continuously innovate on the current practices.

O11: Willingness to remain bounded by ethical and moral constraints while making the choices.

O12: The ability to analyze the managerial and commercial dimensions of the problem on hand.

D. Courses (Ci)

C1:	12150H71	Object Oriented Analysis and Design
C2:	12150H72	.NET Technologies
C3:	12150H73	Graphics and Multimedia
C4:	12150C81	Software Testing
C5:	12150E74D	Programming Paradigm
C6:	12150G78A	Accessing The WAN

C7: 13150C52	Theory of Computation
C8: 13150H53	Operating System
C9: 13150E54C	User Interface Design
C10: 13150E55A	Data Warehouse and Data Mining
C11: 13150G58A	Routing Protocol and Concepts
C12: 13150C33	Object Oriented Programming
C13: 13150C34	Data Structures and Algorithms
C14: 13150C36	Computer Architecture and Organisation

E. Course Mapping

Outcomes		PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO1 1	PO1 2
Courses													
VII SEMESTER	C1							✓					✓
	C2				✓					✓	✓		
	C3		✓					✓					
	C4				✓	✓	✓				✓		✓
	C5	✓	✓					✓					
	C6				✓				✓	✓			
V SEMESTER	C7	✓						✓					
	C8	✓			✓			✓					
	C9		✓		✓			✓		✓			
	C10		✓			✓					✓		
	C11				✓	✓			✓	✓			
III SEMESTER	C12		✓					✓					✓
	C13	✓	✓	✓				✓				✓	
	C14	✓											✓

47. Highlight the participation of students and faculty in extension activities.

S.N O	NAME OF THE ACTIVITY	DATE	PLACE	STUDENTS INVOLVED
1	Outreach program - Awareness program and cleanliness	09.09.20 14	Ayyanar Koil	25 CSE Students
2	Blood Donation camp	14.02.20 14	Kumbakonam Govt. Arts College campus	25 CSE Students
3	Tree Cramping, Awareness on Mobile Medicine	20.10.20 13	Sengipatti	Public and rural
4	Communal Harmony Day celebrations	02.09.20 13	Arsuthipattu, Govt. High School	30 CSE STUDENTS
5	Outreach program - camp at Pusphavaneshwarar temple, Melathirupunthuruthi	12.07.20 13	Pusphavaneshwar ar temple, Melathirupunthur uthi	25 CSE Students
6	Awareness about swine flu	16.8.201 2	Srinivasa nursery and primary school, Thiruvaiyaru	School Students
7	Science Exhibitions and Guest Lecture	19.02.20 10	Ramakrishna Mission Orphanage Middle School, Thillaistha nam.	School Students
8	Tree Cramping, Awareness on Mobile Medicine	02.02.20 10	Vallampudur Taluk	Public and Rural
9	Science Exhibitions	11.01.20 10	St. Mary's Middle School, Orathanadu	School Students

48. Give details of “beyond syllabus scholarly activities” of the department.

- NPTEL
- webinars
- Spoken Tutorial by IIT-B

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

YES, ISO 9001:2008

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Conducting Seminars and Workshops
- Conferences
- Symposium
- GATE crash Coaching class
- Aptitude and Group Discussion Classes
- Mock Interviews

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength:

- High quality academic programming at the undergraduate and graduate level.
- Multiple students scholarships and awards are available to support undergraduate and graduate students
- A strong focus on quality teaching with a faculty that excels in teaching students at all levels.

Weakness:

- Rural setting
- Lack of awareness about the quality of education offered here

Opportunities:

- Well placed to undertake cross-disciplinary collaboration (research, teaching, service) within and beyond the department in alignment with the university strategic plan due to broad-based disciplinary focus of department faculty and programs
- We have the ability to connect and develop partnerships with the community and a diverse array of agencies around faculty and program expertise—potential for new buildings with shared use consistent with initiatives developed by some of our competitors

- Many faculties have the expertise and ability to secure grant funding and undertake cutting edge scholarship

Challenges:

• Outside of the department many misperceptions and myths exist related to an understanding of what the department does in terms of its academic and scholarly activities

52. Future plans of the department.

- To conduct International & National level Conferences on Emerging trends.
- To setup research facility for our department.
- Introduction of new inter-disciplinary courses in information Storage by EMC2 and SAP
- The department is also keen in establishing a Software Technology Park in due course of time
- To introduce M.S (computer science) by Research Course at PG Level
- New courses to be introduced
 - PG Programmes (Pervasive Computing)
 - PG Diploma (Grid Computing)
- Up-gradation of Wi-Fi to Wi-Max

ANNEXURE – I

INTERNATIONAL/NATIONAL JOURNALS AND CONFERENCES LIST

- S.Nithyanandam, S.Amarasan and N Mohammed Haris “An Innovative Normalization Process by Phase Correlation Method of iris image for the block size of 32*32”, Journal of Multimedia Processing and Technologies, Vol 5, Number 2, June 2014.
- D.Sharbhalakshmi and S.Nithyanadam,”An optimal Resource Allocation Technique for shared data access in dynamic erives using data staging algorithm”, International Journal of Engineering Research & Technology(IJERT) ISSN:2278-0181, Vol 3, Issue 2, February-2014
- S.Nithyanandam,G.Sathiya Prabha and V.Sathya,”Extending Endowed Multicasting over Mobile ADHOC Networks using Random Voronoi Configurations”, In Proceedings on, International Conference on Emerging Trends in Science, Engineering and Technology, Published by IEEE Explore ,Print ISBN:978-1-4673-5144-7/12\$31.00 2012 IEEE
- S.Nithyanandam,KS.Gayathri and P.L.K. Priyadarshini, “ A New Iris Normalization Process for Recognition System with Cryptography Techniques “,International Journal of Computer Science Issue(IJCSI), ISSN(Online) 16940814 Vol 8 Issue 4, No1 July 2011.
- S.Nithyanandam,KS.Gayathri and K.Raja and P.L.K. Priyadarshini “Recent Trends in Secure Personal Authentication for Iris Recognition Using Novel Cryptographic Algorithms Techniques”, In Proceedings on , International Conference on Process Automation, Control and Computing,PACC2011, Coimbatore Institute of Technology, Coimbatore, Published by IEEE Explore ,Print ISBN:978-1-61284-764-1, August 2011.
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ISSN:978-1-61284 Online ISSN 0974-956X DOI
BB052011003/Issue: May-2011

- S.Nithyanandam, K.S.Gayathri and R.Prabhudoss,”[RIS Recognition using Image Registration Technique by Normalized Mapping Function, International Journal of Advanced Engineering and Technology(IJAET) E-ISSN 0974-3945/IJAET Vol 3 Issue 4, July-September 2011
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- An Innoovative Normalization Process by Phase Correlation Method of Iris Images for the block size of 32*32, In Proceeding on International Conference on the Changing Paradigms of Technology And Strategic Management on 24th and 25th March 2011 at SASTRA University. Thanjavur 613401 Proceeding by ICPSM2013 & IEEE Catalog Number: CFP1476E-CDR/ISBN: 978-1-4799-2258-1

- S.Nithyanandam and KS.Gayathri ,”An Implementing Oriented IRIS Recognition using Phase Correlation Method with Biometric Authentication”,Joint International Conference, ICAM-2011,BTL and University of Delaware,USA,Bangalore,Aug 2011
- S.Nithyanandam and D.Ravichandran,” Efficient Data Troughing in a User Sociable Approach in Color Image”. International Conference,ICAET 2011 ,Nagapattinam May 2011
- S.Nithyanandam, KS.Gayathri and R.Prabhudoss,”[RIS Recognition using Image Registration Technique by Normalized Mapping Function, In Proceeding on 3rd International Conference on Intelligent science and Technology on 24th and 25th March 2011 at Sun College of Engineering, Nagercoil- proceeding by CSE089.
- S.Nithyanandam , A Paper on “An enhanced version IRIS Image Verification Using Bio Scanner Security Systems” presented in the second national conference NCICT’13 held on March 14th organized by K.Ramakrishnan College of Engineering, Trichy.
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- S. Abdul Khader, S. Saravana Kumar and A. Jahir Husain **“An Enhanced Artificial Broca’s using high frequency steady state visually evoked potential and P300 based BCI”**, International Journal of engineering science and technology, April 2013 e-ISSN:0975-5462
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PUBLICATIONS OF STUDENTS

SN O	DATE/MO NTH	CANDIDA TE NAME	CONFERENCE	BAT CH	PRESEN TED PAPER	VENUE/COL LEGE NAME
1	20 TH FEBRUARY	T.Bavithra Devi	National Conference on Wirless Networks Robotics and Renewable Energy(NCWRR- 15)	2013- 2015	Active Query Selection And Spectural Eigenvecto rs Semi- Supervised Clustering	PRIST University
2	13 TH MARCH,20 15	T.Bavithra Devi	National Conference On Recents Trends In Information Technology(NCR IT'15)	2013- 2015	Active Query Selection And Spectural Eigenvecto rs Semi- Supervised Clustering	Kings College Of Engineering
3	13 TH MARCH,20 15	P.Bharathi Kannamma	National Conference On Recents Trends In Information Technology(NCR IT'15)	2013- 2015	Dogmatic And Lookahead Method Of Detecting Malware In Delay Tolerant Networks	Kings College Of Engineering
4.	13 TH MARCH,20 15	B.Bremi	National Conference On Recents Trends In Information Technology(NCR IT'15)	2013- 2015	Computati on Of High Utility Itemsets By Using UP- Growth And UP- Growth+	Kings College Of Engineering
5	20 TH FEBRUAR Y	M.Ayisha Beevi	National Conference on Wirless Networks Robotics and Renewable Energy(NCWRR- 15)	2013- 2015	Newly Secured Privacy Preserving And Auditabilit y	PRIST University

					Technique s For Cloud Assisted Mobile Access Of Health Data	
6	27 th March,2015	J.Kavitha	National Conference on India Emerging- Business Strategies For Sustainability	2014- 2016	Privacy Preserving Location Based urries	PRIST University
7	27 th March,2015	J.B.Pradeepa	National Conference on India Emerging- Business Strategies For Sustainability	2014- 2016	Cloud Query Services	PRIST University
8	27 th March,2015	V.Mathavi	National Conference on India Emerging- Business Strategies For Sustainability	2014- 2016	Sevices Online Payment Sysytem	PRIST University
9	27 th March,2015	M.Vijayalak shmi	National Conference on India Emerging- Business Strategies For Sustainability	2014- 2016	Redundanc y Manageme nt Of Multipath Routing	PRIST University
14	27 th March,2015	G.Kousalya	National Conference on India Emerging- Business Strategies For Sustainability	2014- 2016	Hybrid Design Approach For Large Scale Data Processing Platform	PRIST University
15	27 th March,2015	P.Priyanka	National Conference on India Emerging- Business Strategies For Sustainability	2014- 2016	Guarded SQL Operations On Cloud Database Service	PRIST University

SN O	CANDIDAT E NAME	JOURNAL NAME	RESEARCH PAPER	VOLUME/ISSUSE	YEAR
1.	A.Santhosh	International Journal Of Innovative Research In Advanced Engineering (IJIRAE)	Cost Effective Automated Scaling Of Web Applications For Multi Cloud Services	VolumeII/Issue II	February 2015
2.	K.Rengasamy	International Journal On Recent And Innovation Trends In Computing And Communication	Enhancing The Performance Of Transmission In Colud Based Multimedia Using Fault Tolerance Technique	Volume II/Issue II	March 2015
3	B.Bremi	International Journal Of Advanced Research Trends In Engineering AndTechnolog y (IJARTET)	Computation Of High Utility Itemsets By Using UP-Growth And UP-Growth+	VolumeII/IssueXVII I	March 2015
4	R.Santhosh Gowtham	International Journal Of Science And Research	Mining Service Using Ontology Learning	VolumeIV/Issue I	January 2015
5	J.Mohabath	International Journal Of Science And Research	Social Engine For Pattern Mining And Predication Of Mobile Commerce Users	VolumeIII/Issue XII	December 2014
6	T.Bavithra Devi	International Journal Of Advanced Research Trends In Engineering AndTechnolog y (IJARTET)	Active Query Selection And Spectral Eigenvectors Semi-Supervised Clustering	VolumeII/Issue XVIII	March 2015

7	T.Bavithra Devi	International Journal Of Computer Science And Engineering Seventh Sense Research Group(SSRG)	Active Query Selection And Spectral Eigenvectors Semi- Supervised Clustering	Volume II/Issue III	March-2015
8	M.Ayisha Beevi	International Journal Of Computer Science And Engineering Seventh Sense Research Group(SSRG)	Newly Secured Privacy Preserving And Auditability Techniques For Cloud Assisted Mobile Access Of Health Data	Volume II/Issue III	March 2015
9	S.P. Jabez Willmott	International Journal Of Engineering Researches And Management Studies	Multi-Layer Secured Authenticatio n Using Graphical Password For Online Environment	Volume II/Issue IV	April 2015
10	S.Vidya	International Journal Of Science And Research	QOS Based Dynamic Logistics Service Composition On Social Network With Complex Structures	VolumeIV/Issue II	February201 5

ELECTRICAL & ELECTRONICS ENGINEERING

1. **Name of the Department :** Electrical & Electronics Engineering

2. **Year of establishment :** 2008

3. **Is the Department part of a School/Faculty of the university?**

Yes

4. **Names of programmes offered:**

UG	B.Tech	Electrical & Electronics Engineering
PG	M.Tech	Power Electronics and Drives
PG	M.Tech	Power System

5. **Interdisciplinary programmes and departments involved:**

Nil

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.:**

Nil

7. **Details of programmes discontinued, if any, with reasons**

The Programme M.Tech - Power Electronics and Drives was discontinued due to insufficient student applied for that programme.

8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**

Semester and Choice Based Credit System

9. **Participation of the department in the courses offered by other departments**

S.No.	Name of Subject	Department
1	Electrical Engineering	Department of ECE
2	Circuit theory	Department of ECE
3	Electrical Drives and Control	Department of Mechanical
4	Electrical Machines Laboratory	Department of Mechanical

**10. Number of teaching posts sanctioned, filled and actual
(Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor	2	2	2
Associate Professors	4	4	4
Assistant Professors	11	11	11
Others	3	3	3

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. Of Ph.D Students guided for the last 4 Years
DR.RAMACHANDRAN	M.E., Ph.D	Professor	Power system	35 Years	10
Dr.S.THIRUMALAI	M.TECH, Ph.D DSC	Professor	Bio Medical Engineering	22 years 10 months	9
Dr.R.A.JAIKUMAR,	M.E., Ph.D	Professor	Applied Electronics - Economics	15 Years	10
Dr.S.V.MURUGA PRASAD	M.E., Ph.D	Professor	Process Control & Instrumentation	15 years 2Months	9
Dr.P.RADHAKRISHNAN	M.Tech, MBA Ph.D,	Professor	Modelling and Performance of Fuzzy	39 Years 7 Months	5

			Based Distributed Generation		
Dr. K. SRINIVASAN	M.E., Ph.D	Professor	Process Control and Instrumentation	14 Years	5
J.SANJEEVIKUMAR	M.TECH	Assistant Professor	Power Electronics & Drives	8 years 1 Month	--
B.KUNJITHAPATHAM	M.E	Assistant Professor	Power Electronics & Drives	8 years 3 Months	--
V.JANAKIPRIYA	M.TECH	Assistant Professor	Power Electronics & Drives	9 years 1 Months	--
M.BHUVANESWAR I	M.TECH	Assistant Professor	Power Electronics & Drives	7 years 3 Months	--
R.SRIDHAR	M.TECH	Assistant Professor	Power Electronics & Drives	7 years 3 Months	--
G.KRITHIGA	M.E	Assistant Professor	Power Electronics & Drives	5 years 3 Months	--
R.ELANGO VAN	M.E	Assistant Professor	Power System	4 years 2 months	--
K.SUDHARSAN	M.TECH	Assistant Professor	Energy	4 years 2 months	--
M.PRABU	M.TECH	Assistant Professor	Power Electronics & Drives	6 years 1 months	--
C.K.SUNDARABALAN	M.E	Assistant Professor	Power System	2 years 3 months	--
M.ROOSEVELT	M.E	Assistant Professor	Solar Energy	2 Years 9 Months	
J.PRINCE JOSHUA GLADSON	M.E	Assistant Professor	Applied Electronics	9 months	--

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Sl.no	Name of the Faculty	Designation
1	Prof.D.Sankarji	Senior visiting fellow
2	Dr.Sivakumar	Senior visiting fellow
3	Dr.Chitra Selvi	Senior visiting fellow

13. Percentage of classes taken by temporary faculty - programme-wise information

NIL

14. Programme-wise Student Teacher Ratio

UG (B.Tech)	1:15
PG (M.Tech)	1:12

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

	Sanctioned	Filled	Actual
Technical Staff	3	3	3
Administrative Staff	1	1	1

16. Research thrust areas as recognized by major funding agencies

NIL

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NIL

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration - NIL b) International collaboration - NIL

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NIL

20. Research facility / centre with

- ☐ state recognition : NIL
- ☐ national recognition : NIL
- ☐ international recognition :NIL

21. Special research laboratories sponsored by / created by industry or corporate bodies - NIL

22. Publications:

* Number of papers published in peer reviewed journals (national / international)

Number of papers published in journals	National	International
	10	45
Number of papers presented/published in conferences	102	30

Journal Publication Details

Sl No	Authors	Title of the paper	Journals	Page No	Month / Year
1.	J.Sanjeevikumar	Application of integrated GA PSO TS algorithm for power systems problems	International Journal of Applied Engineering Research	373-379	2015
2.	G.Krithiga	Application of integrated GA PSO TS algorithm for optimal unit	International Journal of Applied Engineering		2015

		commitment	Research		
3.	B Kunjithapatham	DSP based three phase neutral point fed induction motor	International Journal of Applied Engineering Research	368- 372	May-15
4.	K.Sudharshan	Solar Energy a Valuable assert for Carbon Sequestration in Indian Subcontinent	International Journal Current Research	1441- 1500	Apr-15
5.	Sundarabalan, C. K	Compensation of voltage disturbances using PEMFC supported Dynamic Voltage Restorer	International Journal of Electrical Power & Energy Systems, Elsevier		2015
6.	P.Senthil kumar	Feed Forward Control of Induction Motor using AC Voltage Regulator	IJERT	2330	May-14
7.	P.Senthil kumar	Grid-Connected Boost-Half-Bridge Photovoltaic Micro inverter System Using Repetitive Current Control and Maximum Power Point Tracking	IJRCCT	596	May-14
8.	J.Sanjeevikumar	Feed Forward Control of Induction Motor using AC Voltage Regulator	IJERT	2330	May-14
9.	J.Sanjeevikumar	Application of integrated GA PSO TS algorithm for power systems problems	IJRCCT	596	May-14
10.	G.Krithiga	Feed Forward Control of Induction Motor using AC Voltage Regulator	IJERT	2330	May-14
11.	G.Krithiga	Grid-Connected Boost-Half-Bridge Photovoltaic Micro inverter System Using Repetitive Current Control and Maximum Power	IJRCCT	596	May-14

		Point Tracking			
12.	Sundarabalan, C. K	PEM fuel cell supported distribution static compensator for power quality enhancement in three-phase four-wire distribution system	International Journal of Hydrogen Energy, Elsevier	19051-19066	2014
13.	Dr.R.A.Jaikumar	An Analytical Design and Intelligent Control of PMSM Servo Drive	International Journal of Electronics and Computers		Jun-13
14.	Dr.R.A.Jaikumar	Intelligent Control Design of PMSM Servo Drive	International Journal of Embedded Systems and Computer Engineering		Jun-13
15.	Dr.R.A.Jaikumar	Impact of the Waste of Electrical and Electronics Equipments in India	International Journal of Energy Systems, Computer and Control		Dec-13
16.	Dr.R.A.Jaikumar	REPLACEMENT AND MAINTENANCE ANALYSIS OF ELECTRICAL AND ELECTRONICS EQUIPMENTS	International Journal of VLSI Design		Dec:2013
17.	Dr.R.A.Jaikumar	Implementation of Soft Sensors in Level-Temperature Cascaded Process	Journal of Chemical Engineering of Japan		2013
18.	Sundarabalan, C. K	Power Quality Enhancement in Power Distribution system using Artificial intelligence based Dynamic Voltage Restorer	International journal on Electrical Engineering and Informatics		2013
19.	Dr.R.A.Jaikumar		International Journal of Environmental	53-61	Jun-12

			Science		
20.	Dr.R.A.Jaikumar	Aggregation With Fragment Retransmission for very High Speed Wlan's Published	Journal of High Performance Communication Systems and Networking	39-53	2012
21.	Dr.R.A.Jaikumar	GMC algorithm with IMC and other controllers for a chemical process	International Journal of Advanced Engineering Technology		2012
22.	Sundarabalan, C. K	Unified Power Quality conditioner for Enhancement of power quality and Hybrid Power injection to Grid	International journal for modern Engineering Research	493-499	Mar-12
23.	Sundarabalan, C. K	Mitigation of Power Quality Issues using Distributed Generation based Custom Power Device	Programmable Device Circuits and Systems	662-668	2012
24.	Sundarabalan, C. K	Dynamic Control of Power Distribution System and Hybrid Power Generation Injection to Grid using UPQC	Automation and Autonomous System	151-157	2012
25.	Dr.R.A.Jaikumar		International Journal of industrial pollution control	15-21	2011
26.	Dr.R.A.Jaikumar		Journal of Industrial pollution control	91-98	2011
27.	Dr.R.A.Jaikumar	Optimum Setting of Controller Using Soft Computing Techniques for a Chemical System	American Journal of Applied Sciences		2011
28.	Dr.R.A.Jaikumar	Intelligent Computation of Controller Using Optimisation Techniques for a Nonlinear Chemical Process	International Journal of Research and Reviews in Soft and Intelligent Computing		Sep-11
29.	Dr.R.A.Jaikumar	Electronic waste	PMU Journals of	pp13-	Jun-10

		and Economic Problems” PMU Journals of Computer science and Engineering	Computer science and Engineering	18	
30.	Dr.R.A.Jaikumar	Electronic waste and Indian Penal Code	National Journal on Advances in Computing and Management	21-26	Oct-10
31.	Dr.R.A.Jaikumar	Voice of THE HINDECON		75-80	2010
32.	Dr.R.A.Jaikumar		PMU Journal of Computer science and Engineering	25-41	Dec-10
33.	Dr.R.A.Jaikumar		International Journal of Environmental and Development	31-38	Dec-10
34.	Dr.R.A.Jaikumar	Interdisciplinary Involvements of Environmental Issues	International Journal on Information Science and Computing		2010
35.	Dr.R.A.Jaikumar	WEEE Made More Employment Opportunities in India	International Journal on Information Science and Computing		2010
36.	Dr.K. Srinivasan	Performance Analysis of a Reduced Switch Z Source Inverter fed IM Drives	International Journal of Computer and Electrical Engineering		Apr-10
37.	Dr.R.A.Jaikumar	Closed Loop Controlled Class D Inverter Fed Induction Heater	International Journal of Electrical System Heater		May-09
38.	Dr.R.A.Jaikumar	Embedded Controlled Class D Inverter Fed Induction Heater	International Journal of Electrical research and Industrial Application		Mar-09
39.	Dr.R.A.Jaikumar	Digital Simulation of High Efficiency Multi Resonant Forward Converter	International Journal of Applied Engineering		2009

		using Simulink	Research		
40.	Dr.K. Srinivasan	Comparison of Traditional PWM Inverter and a Component Minimized Z-Source Inverter For Ac Drives	International Journal of Electrical Engineering		2009
41.	Dr.K. Srinivasan	Comparison of Component Minimized Z – Source Inverter and Six Switch Z-Source Inverter for Motor Drives	National Journals of Technology		Dec-09
42.	Dr.K. Srinivasan	Common-Mode Voltage Reduction in a Z-Source Four Switch Three Phase Induction Motor Drive System	International Engineering and Technology		2009

INTERNATIONAL CONFERENCES ATTENDED

Name of Faculty	Title of Paper/Conference	Date (s)	Host Institution
Mr.B.Kunjithapatham	DSP based three phase neutral point clamped inverter fed Induction motor-ICIRES'15	May 2015	E.G.S.Pillay Engineering College
Mr.J.Sanjeevikumar	Application of GA-PSO-TS algorithm for power system problems- ICIRES'15	May 2015	E.G.S.Pillay Engineering College
Ms.G.Krithiga	Application of GA-PSO-TS algorithm for power system problems- ICIRES'15	May 2015	E.G.S.Pillay Engineering College
Mr.C.K.Sundarabalan	Performance Investigation of Neural Network Based Dynamic Voltage Restorer for voltage sag and Harmonic Compensation- ICES - 2013	August 09 – 10, 2013	Sastra University
Mr.J.Prince Joshua Gladson	Advanced Wireless Communication Based Construction Workers Security System	ICCIAMR- 2013	Vel's University
Mr.C.K.Sundarabalan	Implementation of soft computing Techniques in UPQC to protect a sensitive load on a polluted distribution network-ICMOC 2012	April 2012	Noorul Islam University
Mr.C.K.Sundarabalan	Dynamic control of Power Distribution system and Hybrid Power Injection to Grid Using UPQC-ICCCE 2012	April 2012	Dr. M.G.R University

Mr.R.Dilip Kumar	International Conference On Electrical Sciences	14,15-9-2012	SASTRA UNIVERSITY
Dr.R.A.Jai Kumar	Performance Improvement For A Real Time Medical Diagnosis System	2012	ICCEET'12
	Image Segmentation using Seeded Region Growing	2012	ICCEET'12
Dr.S.V.Muruga Prasad	Performance Improvement for A Real time Medical Diagnosis system	2012	ICCEET'12
Dr.R.A.Jai Kumar	An Image Steganography Using MOD-4 Embedding Algorithm Based On Digital Image Contrast	2011	ICSCCN-2011
	An Efficient compression of Encrypted Grayscale Images	2011	ICSCCN-2011
Dr.S.V.Muruga Prasad	Optimized Intelligent Gain Schedule controller design using soft computing technique for a chemical process	2011	CAPE Institute of Technology and IEEE
Mr.B.Kunjithapatham	International conference on photonics and nano technology	FEB 2009	PRIST UNIVERSITY
Ms.V.Janaki Priya	International Conference on Photonics Nanotechnology & computer application	25-28 FEB 2009	PRIST UNIVERSITY
Mr.R.Sridhar	International conference on photonics and nano technology	FEB 2009	PRIST UNIVERSITY
Mrs.M.Bhuvaneswari	International conference on photonics and nano technology	FEB 2009	PRIST UNIVERSITY
Ms.S.Arthi	Graphical system design in engineering applications Academic research and publishing	12 August 2009	A.V.C. College of Engineering

NATIONAL LEVEL CONFERENCES

Name of Faculty	Title of Paper/Conference	Date (s)	Host Institution
J. PRINCE JOSHUA GLADSON	National conference "WCND'13	2013	Dhanalakshmi College of Engineering and technology
V.JANAKIPRIYA	National conference on Power electronics	APRIL 2012	KINGS college,Pudukkottai
MR. K. SUDHARSHAN	ENERGY ENVIROMENT & SUSTAINABILITY	1,2 -3-2012	NIT-BHOPAL
DR.R.A. JAI KUMAR	Dumping of E-Waste to	15 th &	St. Xavier Catholic

	violation of Human Rights ”, National conference on Electrical Sciences	16 th March 2012	College of Engineering, Chunkankadai, Kanyakumari- Dist,Tamilnadu.
V.JANAKIPRIYA	National conference on innovations in electrical & electronics engineering	21 JAN- 2011	M.P.NACHI,UTHU JAGANATHAN ENGINEERING COLLEGE
MR. K. SUDHARSHAN	GREEN TECHNOLOGY TOWARDS LOW CARBON SOCIETY	30-3- 2011	NIT-BHOPAL
MS. G. KRITHIGA	Harmonic reduction in single phase cascaded multilevel inverter using controlled freedom degree approach	March 2010	SASTRA University, Thanjavur.
	Harmonic reduction in single phase cascaded multilevel inverter using controlled freedom degree approach	24-25, Feb 2010	St. Xavier’s Catholic college of engineering, Chunkankadai
K. SRINIVASAN	Modeling & analysis of cost effective Rectifier/Inverter System with a reduced switch count” National Conference on Emerging Technologies in Electrical Engineering	2010	Valliammai Engineering College, Chennai.
B.KUNJITHAPATHAM	Paper titled “Dynamic model analysis of wind turbine driven self excited induction generator’ on national conference	Feb 2007	Dhanalakshmi srinivasan engineering college, perambalur.
	Paper titled “Dynamic model analysis of wind turbine driven self excited induction generator’ on national conference	March 2007	Saranathan engineering college, Trichy
R. A JAI KUMAR	Three Dimensional Segmentation Technique for Identification of Human Body Tumor, National conference on Technological Innovations in Electrical Systems	21 st & 22 nd March 2007	PET Engineering College, Vallioor, Tamilnadu.
K. SRINIVASAN	Analysis, Design of Impedance Source Four-Switch Three- Phase Inverter for A.C. Motor Drives	2008	SRM University, Chennai,
	Harmonic analysis of z-source four-switch three-phase Inverter fed im drive.” National Conference on “Power	2008	Annamalai University ,India

	Electronics, Drives And Energy Conversion Systems" PEDECS 2008		
	Analysis of reduced topology for a low-cost 4-switch 3-phase inverter-fed PMSM drive" National Conference on Computational Intelligence in Power Apparatus and Systems	2008	SRM University, Chennai, India
	Modeling & Harmonic analysis of cost effective Component Minimized three phase Induction Motor Drives." National Conference on "Emerging Trends in Electrical Engineering [ETEE-09]	2009	Sri Sai Ram Engineering College, Chennai,
	Four Switch Three Phase Inverter Fed Im Drive With Compound Active-Clamping Boost Converter." National Conference on "Power System Control and Automation	2009	Vels Srinivasa College of Engineering and Technology, Chennai, India
	Analysis of a Component minimized Three-Phase Brushless DC Motor Drive." National Conference on "Soft Skill Applications for Solid state drives" SSASSD'09	2009	Rajalakshmi Engineering College Chennai, India
S.V.MURUGA PRASAD	Recent advances in Intelligent Networking	2006	Noorul Islam College of Engineering
	Emerging trends in Electrical Systems	2007	National College of Engineering, Kovilpatti

PUBLICATION DETAILS OF STUDENTS

Year	Name of the students	Title of paper / conference	Date & year	Host Institution
2015	KAVIYARASAN.G	Design & implementation of a micro controller based MPPT for solar charger controller	March 2015	CARE - TRICHY
2015	VIRANTH.S	Design & implementation of a micro controller based MPPT for solar charger controller	March 2015	CARE - TRICHY
2015	NAVUSAD ALI.A	Design & implementation of a micro controller based MPPT for solar charger controller	March 2015	CARE - TRICHY

2015	VINOTH .M	A Novel direct torque control of matrix converter – fed PMSM drive using duty cycle control for torque ripple Reduction	March 2015	CARE - TRICHY
2015	DINESH .M	A Novel direct torque control of matrix converter – fed PMSM drive using duty cycle control for torque ripple Reduction	March 2015	CARE - TRICHY
2015	DESHNA MOORTHY.K	A Novel direct torque control of matrix converter – fed PMSM drive using duty cycle control for torque ripple Reduction	March 2015	CARE- TRICHY
2015	RAJA SELVAM.M	A Novel direct torque control of matrix converter – fed PMSM drive using duty cycle control for torque ripple Reduction	March 2015	CARE- TRICHY
2015	VASUDEEBAN.N	LZ Source inverter using fed ac induction motor drive	March 2015	CARE- TRICHY
2015	MANIKANDAN.J	LZ Source inverter using fed ac induction motor drive	March 2015	CARE- TRICHY
2015	SATHISH KUMAR.R	LZ Source inverter using fed ac induction motor drive	March 2015	CARE- TRICHY
2015	HASSAN MOHAMED RAFATH.H	LZ Source inverter using fed ac induction motor drive	March 2015	CARE- TRICHY
2015	R.KARTHICK	A Bridgeless fly back rectifier for AC to DC conversion	20 FEB 2015	P.R ENGINEERING COLLEGE
2015	B.KAMALA KANNAN	Design Considerations for very high frequency DC-DC Converters using resistance compression network	07 APRIL 2015	GOVERNMENT COLLEGE OF TECHNOLOGY – COIMBATORE
2015	L.MERLINE JASMI	Design And Implementation Of A PWM Controller For Circuit Breaker Testing Application	07 APRIL 2015	GOVERNMENT COLLEGE OF TECHNOLOGY – COIMBATORE
2015	THOMAS WILSTON.F	Capability of APMSG based wind turbine using hybrid system with EMA	28 MAR 2015	JAYA ENGINEERING COLLEGE
2015	R.RAJA SEKAR	A Passive absorption circuit used in non- isolated high step UP DC – DC Converter	20 MAR 2015	MADHA ENGINEERING COLLEGE

2015	S.SUBHA SANKAR	Multi machine power system Stability enhancement using multi level STATCOM	28 MAR 2015	JAYA ENGINEERING COLLEGE
2015	S.RAJESH KUMAR	FPGA based five level inverter for renewable energy generation system	27 MAR 2015	NATIONAL CONFERENCE ON REVOLUTIONARY RESEARCH IN ELECTRICAL ENGINEERING
2015	R.NEDUMARAN	A Control Scheme Of Cascaded Multilevel Inverter Based D-STATCOM For Improving The Voltage Control And Reduce Total Harmonics Distortion	3 MAR 2015	INTERNATIONAL JOURNAL OF SCIENCE & RESEARCH
2015	MAHESH .G	Fuzzy based UPFC for damping power system disturbances	28 MAR 2015	JAYA ENGINEERING COLLEGE
2015	R.ANUSIYA DEVI	A Grid Interface 5L –NPC Converter for residential DG system using optimized SVPWM	07 APRIL 2015	GOVERNMENT COLLEGE OF TECHNOLOGY – COIMBATORE
2015	K .GOWTHAMI	Autonomous Control Of Inverter – Interfaced Distributed Generation Units For Harmonic Current Filtering And Resonance Damping In An Islanded Micro grid	23 & 24 MAR 2015	MOUNT ZION - PUDUKOTTAI
2015	K.VIJAYA LAKSHMI	An Efficient Design Of Unified Power Quality Conditioner (UPQC) to improve the power quality problems using P-Q Theory	23 & 24 MAR 2015	MOUNT ZION - PUDUKOTTAI
2015	R.RAMYA	Experimental Performance Analysis of Current bypass anti –TAMPERWG in smart energy meters	07 APRIL 2015	GOVERNMENT COLLEGE OF TECHNOLOGY – COIMBATORE

Name of Student	Title of the Paper	Date (s)	conference	Host Institution
Devi priya.A.G	A Medium Voltage Islanded Micro grid With Optimal Dispatching Of Distributed Generators & Storage System	22 nd March, 2014	4 th National conference on smart system	Erode Builder Educational Trust's Group Of Institutions
	A Medium Voltage Islanded Micro grid With Optimal Dispatching Of Distributed Generators & Storage System	31 st August, 2013	NCIRET – 13 “ Innovation and Research in engineering and technology	Prist School Of Engineering And Technology
R.Prasanna Devi	A novel optimum energy harvesting scheme for control duty cycle of the converter	31 st August, 2013	NCIRET – 13 “ Innovation and Research in engineering and technology	Prist School Of Engineering And Technology
Murali T	Design and implementation of FPGA based digital wireless controlled PMDC motor	31 st August, 2013	NCIRET – 13 “ Innovation and Research in engineering and technology	Prist School Of Engineering And Technology
Raguvaran.R	ZVS bidirectional DC-Dc converter	29 th march, 2012	IPESC 2012 “ Innovations in power Engineering and soft computing	SONA college of Technology
Vignesh.S	Single phase 7 level diode clamped multilevel inverter using sinusoidal PWM strategies	31 st August, 2013	NCIRET – 13 “ Innovation and Research in engineering and technology	Prist School Of Engineering And Technology
Santhosh kumar K	Power system control of hybrid sources using two input Boost – Boost converter	31 st August, 2013	NCIRET – 13 “ Innovation and Research in engineering and technology	Prist School Of Engineering And Technology
S. Mohammed Yusuf	Voltage stress reduction using Dual active clamped circuit in step up DC-DC Converter for low Dc renewable energy	03/01/2013 & 04/01/13	AEEA – 2013 (National conferences on Advances in Electrical Energy applications)	Velammal Institute of Technology

P.Murugadoss	Design of Multilevel inverter by using Bipolar switched scheme and analyzing the hardware performance.	03/01/2013 & 04/01/13	AEEA – 2013 (National conferences on Advances in Electrical Energy applications)	Velammal Institute of Technology
R. Karthikeyan	Power flow control using distributed FACTS	03/01/2013 & 04/01/13	AEEA – 2013 (National conferences on Advances in Electrical Energy applications)	Velammal Institute of Technology
Yoga balaji R	Grid connected three input PV-FC Battery power system with active power filter capability	05/04/13	Innovative research on communication, signal & Image processing (IRCSI '13)	Annai college of Engineering & Technology
Devasena.K	A novel DWT based control and discrimination of inrush current from internal fault in power transformer	03/04/13	National conference on Emerging Trends in power & control Engineering (NCETPCE-2013)	SRI Lakhsmi aamal Engineering College
Suresh. G	Analysis & performance Investigation of Statcom	05/04/13	Innovative research on communication, signal & Image processing (IRCSI '13)	Annai college of Engineering & Technology
B.Srinivasan	An innovative loss of excitation based on protection in Fuzzy inference mechanism	05/04/13	Innovative research on communication, signal & Image processing (IRCSI '13)	Annai college of Engineering & Technology
R.Hariharan	Design of Hybrid power generation using Renewable Energy Sources	27,28/12/2012	Recent trends in control system and Power Electronics	Vivekanandha Institute of Engineering and Technology for Women
T.Tamil selvan	A zero voltage transition full bridge DC-DC converter for photovoltaic applications	29,30/03/2012	PSEC - 2012	Jayaram college of Engineering & Technology
p.Arul	Voltage source inverter rectified PWM based direct power control operation & its	15/03/2012	National conference on Flourishing Areas of Electrical & Electronics	Kings college of Engineering

	characteristics		Engineering	
S.Kalaivani	A comparison of symmetrical & Asymmetrical inverter for DTC Induction motor drives	04,05/11/2011	RTIC - 2011	Jayaram college of Engineering & Technology
V.Karthi	Selective harmonics Elimination of Multilevel inverters via methods of GPS , SA & GA	29,30/03/2012	PSEC - 2012	Jayaram college of Engineering & Technology
Dhinesh kumar.N	Dual output four leg converter for unified power quality conditioner	29,30/03/2012	PSEC - 2012	Jayaram college of Engineering & Technology

* **Monographs**

* **Chapters in Books - 02**

1. **Sundarabalan, C. K.**, K. Selvi, and P. Shirley Vaz. "Mitigation of Power Quality Issues in Three-Phase Four-Wire Distribution System Employing Four-Leg DSTATCOM." Power Electronics and Renewable Energy Systems. Springer India, 2015. 753-760.

2. **Sundarabalan, C. K.**, K. Selvi, and K. Sakeenathul Kubra. "Performance Investigation of Fuzzy Logic Controlled MPPT for Energy Efficient Solar PV Systems." Power Electronics and Renewable Energy Systems. Springer India, 2015. 761-770.

* **Edited Books : 02**

* **Books with ISBN with details of publishers - Nil**

* **Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) - Nil**

* **Citation Index - range / average * - 2.25**

* **SNIP SJR**

* **Impact Factor - range / average - 3.1**

* **h-index 2**

23. Details of patents and income generated : NIL

24. Areas of consultancy and income generated :

Sl.no	Name of the Faculty	Service offered	Year	Beneficiary	Income generated
1	DR.S.THIRUMALAI	EEG Machine Design And Testing	2013-14	VANJILINGAM CLINIC-THANJAVUR	4000/-
2	Dr.K.SRINIVASAN	Power Factor Improvement	2014-15	THIRUVATHIRAI INDUSTRIES-TRICHY	3000/-
3	Mr.B.KUNJITHAPATHAM	Design and Pulse Generation For Multilevel Inverter	2014-15	INTERLOGIX EMBEDDED SOLUTIONS-THANJAVUR	2500/-
4	MR.J.SANJEEVIKUMAR	Transformer insulation Testing	2014-15	THIRUVATHIRAI INDUSTRIES-TRICHY	2450/-
5	MR.C.K.SUNDHARABALAN	MATLAB coding for PV SYSTEM	2015-16	PV TECH-TRICHY	2300/-

25. Faculty selected nationally / internationally to visit other laboratories / institutions

Industries in India and abroad: NIL

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify) - NIL**

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

S.No	Title	Date
1.	Quality Improvement Program on Instructional Design & Delivery systems	07.01.09 - 09.01.09
2.	Workshop on high Impact teaching Skills (Wipro Mission)	10.1.2011-12.1.2011
3.	Quality Improvement Program on Instructional Design & Delivery systems	30.01.12 - 04.02.12
4.	Technology Enhanced Learning-IIT Madras	12.4.13

28. Student projects

- ☐ **percentage of students who have done in-house projects including inter-departmental projects - 80%**
- ☐ **percentage of students doing projects in collaboration with other universities / industry / institute - 20%**

29. Awards / recognitions received at the national and international level by

- ☐ **Faculty -**
Mr.C.K.Sundharabalan acting as a Journal Reviewer for the following:
IET renewable power generation
ISA Transaction, Science direct- electric power
Trailor and Francis- component system
- ☐ **Students - Nil**

30. **Seminars/ Conferences/Workshops organized and the source of funding (national / International) with details of outstanding participants, if any.**

NIL

31. **Code of ethics for research followed by the departments :**

1. Research Data and Records

- a. Research workers must comply with the University's 'Policy on the Management of Research Data and Records' and related policies that may be promulgated from time to time. This policy includes, but it is not limited to, the following requirements -
 - i. data and records should be accurate, complete and in sufficient detail to enable verification of research results and to reflect what was communicated, decided or done;
 - ii. data (including electronic data) must be recorded in a durable and retrievable form, be appropriately indexed and comply with relevant protocols;
 - iii. data must be retained intact for a period of at least five years from the date of any publication which is based upon or longer than this if discussion of results continues, if there are regulatory or sponsor requirements, or if the data has historical or archival value;
 - iv. a research unit or department must establish procedures for retention of data and maintain a register of the data and records and their location; data and records will normally be kept in the department or unit where the research was conducted;
 - v. data forming the basis of publications must be available for discussion with other research workers; where confidentiality provisions apply, the data should be kept in a way that allows reference by third parties without breaching confidentiality; and
 - vi. when data are obtained from limited access data bases, or via a contractual arrangement, written indication of the location of the original data, or key information regarding the database from which it was obtained, must be retained by the research worker or research unit

2. Authorship

- a. For a person to be recorded as an author of a publication requires that he or she is directly involved in the creation of the publication by -
 - i. conceiving it, analysing and interpreting the data on which it is based;
 - ii. writing or revising the intellectual content; and
 - iii. giving final approval of the version to be published
- b. The right to authorship is not tied to position or profession; ghost, gift, or honorary authorship is unacceptable. Authorship should honestly reflect the contribution to the work being published. Participation solely in the acquisition of funding or the collection of data is not sufficient for a person to be attributed as an author of a publication.
- c. Any part of an article critical to its main conclusion must be the responsibility of at least one author.
- d. An author's role in a research output must be sufficient for that person to take public responsibility for at least that part of the output in that person's area of expertise.
- e. No person who is an author, consistent with this definition, may be excluded as an author without their permission in writing.
- f. When there is more than one co-author of a research output, one co-author (by agreement amongst the authors) should be nominated as executive author for the purposes of administration and correspondence and when there is more than one co-author of a research output, the authors should discuss and reach agreement on the order in which authors shall be listed.
- g. Other persons who contributed to the work who are not authors should be named in Acknowledgements (where the publisher provides for this, and in a manner consistent with the norms of the research field or discipline). An author must ensure that the work of research students, research assistants and technical officers is recognised in a publication derived from research to which they have made a contribution.
- h. Research workers must comply with authorship criteria appropriate to their discipline, and/or according to the requirements of the journal their work is to be published in.

3. Publications

- a. Publication of more than one paper based on the same set(s) or subset(s) of data is not acceptable, except where each subsequent paper fully cross-references and acknowledges the earlier paper or papers as the case may be (for example, in a series of closely related work, or where a complete work grew out of a preliminary publication and this is fully acknowledged).
- b. An author who submits substantially similar work to more than one publisher must disclose this to the publishers at the time of submission.
- c. Publications must include information on the sources of financial support for the research and must include a disclosure of any potential conflicts of interest. Financial sponsorship that carries an embargo on such naming of a sponsor should be avoided.

4. Supervision of Students Undertaking Research

Supervision of research higher degree students must be carried out in accordance with the Supervision of Research Higher Degree Students Policy.

5. Conflict of Interest

- a. A research worker has a conflict of interest in any circumstances where that person has a real, perceived or potential opportunity to prefer their own interests, or those of any other person or organisation, to the interests of the University. Examples of conflicts of interest in research include but are not limited to situations -
 - i. where the research is sponsored by a related body;
 - ii. where the researcher or a related body may benefit, directly or indirectly, from any inappropriate dissemination of research results (including any delay in or restriction upon publication of such results);
 - iii. where the researcher or a related body may benefit, directly or indirectly, from the use of University resources;
 - iv. where the researcher conducts a clinical trial which is sponsored by any person or organisation with a significant interest in the results of the trial.
 - v. where private benefits or significant personal or professional advantage are dependent on research outcomes

A related body is any person or body with which the researcher has an affiliation or a financial involvement.

A financial involvement includes a direct or indirect financial interest, provision of benefits (such as travel and accommodation) and provision of materials or facilities.

An indirect financial interest is a financial interest or benefit derived by the researcher's relatives, personal or business associates, or research students.

It is important to recognise that real or perceived opportunities to give preference to personal interests arise from competing obligations and can be other than financial.

- b. The responsibility for managing a conflict of interest rests, in the first instance, with the individual.
 - i. A research worker must make a full disclosure of a conflict of interest or of circumstances that might give rise to a perceived or potential conflict of interest as soon as reasonably practicable as follows -
 - A. where the research worker is a head of department, to the dean of the relevant faculty;
 - B. where the research worker is a dean of a faculty, to the deputy vice-chancellor (research);
 - C. in all other cases, to the research worker's head of department.

For the conduct of clinical trials, full disclosure must include the nature of the sponsorship and the relationships between the sponsor, trial subjects and the clinical investigator.

- c. Disclosures shall be handled as follows -
 - i. the officer in receipt of the disclosure referred in paragraph (i) above must discuss the matter with the staff member concerned determine a procedure for the management or elimination of the conflict of interest. The procedure must be documented and the research worker advised in writing

- and a copy of the agreement held in the department's records.
- ii. a research worker must comply with the direction of the officer referred to in section 5 (e)(i) above in relation to the management of the conflict of interest.
 - iii. unless involved directly, it is the responsibility of heads of departments to ensure that conflicts of interest in research involving their staff members are managed appropriately.
 - iv. when a head of department has a conflict of interest in research, the dean of the faculty will be responsible for recommending to the deputy vice-chancellor (Research) appropriate management arrangements.
 - v. when a dean of faculty has a conflict of interest in research, the deputy vice-chancellor (Research) will be responsible for recommending to the vice-chancellor appropriate management arrangements.
- d. ahead of department must not be a director of any organisation sponsoring research in that department or have a direct or indirect financial interest in excess of 5% equity in such an organisation unless full disclosure has been made and the vice-chancellor has approved an exception to this policy.
 - e. the deputy vice-chancellor (Research), when deciding whether to accept sponsored research or contract research funding on behalf of the University, may seek information regarding disclosure and management of any conflict of interest that may result.

6. ADDITIONAL REQUIREMENTS

- a) Any special standards of work performance and ethical conduct imposed by law or by the University in relation to particular categories of research are deemed to be included in this code in its application to persons engaged in that kind of research in the University. These include that where research procedures are of a kind requiring approval by a human or animal ethics committee, gene technology and biosafety Committee or by a safety or other validly constituted regulatory committees, research must not proceed without such prior approval.
- b) Research workers should endeavour to safeguard the interests of all parties in relation to intellectual property in accordance with the Intellectual Property Statute of the University and other guidelines as may be promulgated from time to time.

- c) Every research worker should be provided with access to material on applicable institutional guidelines for the conduct of research, including those covering ethical requirements for studies on humans or animals, requirements for confidentiality, and occupational health and safety matters.
- d) Academic staff must make a declaration as part of their annual reporting requirements that they have complied with the provisions of the code.

7. RESEARCH MISCONDUCT

- i. Research misconduct is constituted by a failure to comply with the principles or specific provisions of the code and includes but is not limited to conduct in, or in connection with, research that is (a) dishonest, reckless or negligent and (b) seriously deviates from accepted standards within the scientific and scholarly community for proposing, conducting or reporting research, such as following, includes -
 - a. the fabrication or falsification of data or results,
 - b. the use of another person's ideas, work or data without appropriate acknowledgement,
 - c. misleading ascription of authorship to a publication including the listing of authors without their permission, attributing work to people who have not in fact contributed to the publication, the lack of appropriate acknowledgement of work primarily produced by a research student/trainee or associate, and
 - d. failure to disclose conflicts of interest or cases where a conflict of interest might reasonably be perceived to exist.
- ii. Allegations of misconduct in research by students will be dealt by Student Academic Discipline Committee

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Academic Year	Applications received	Selected		Pass Percentage	
			Male	Female	Male	Female
B.Tech-EEE	2010-2011	5	3	-	60	-
	2011-2012	20	15	-	75	-
	2012-2013	18	16	-	89	-
	2013-2014	13	10	-	77	-
	2014-2015	1	1	-	100	-
	2015-2016	26	23	-	89	-

Name of the Programme (refer to question no. 4)	Academic Year	Applications received	Selected		Pass Percentage	
			Male	Female	Male	Female
M.Tech Power Electronics and Drives	2010-2011	25	16	6	94	75
	2011-2012	14	08	03	72	100
	2012-2013	12	08	02	80	100
	2013-2014	10	05	03	62	100
	2014-2015	5	02	01	50	100
M.Tech- Power System	2011-2012	18	12	04	85	100
	2012-2013	20	13	04	81	100
	2013-2014	20	10	06	83	75
	2014-2015	9	05	02	83	66
	2015-2016	6	02	02	66	66

33. Diversity of students

Name of the Programme (refer to question no. 4)	Academic Year	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Tech Power Electronics and Drives	2010-2011	0	100	0	0
	2011-2012	0	100	0	0
	2012-2013	10	90	0	0
	2013-2014	25	75	0	0
	2014-2015	0	100	0	0
M.Tech- Power System	2011-2012	0	100	0	0
	2012-2013	0	100	0	0
	2013-2014	0	100	0	0
	2014-2015	0	100	0	0
	2015-2016	0	100	0	0

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NET	SET	GATE	Other Competitive Examinations
2	-	14	8

35. Student progression

Student progression	Percentage against enrolled
UG to PG	2008 – 12 batch – 20 % 2009 – 13 batch – 18 % 2010 – 14 batch – 12 % 2011 - 15 batch - 5%
PG to Ph.D	2009 – 11 batch – 8 % 2010 – 12 batch – 5 % 2011 – 13 batch – 2 % 2012-2014 batch- 4%
Ph.D. to Post-Doctoral	NIL
Employed <ul style="list-style-type: none"> • Campus Selection • Other than Campus Recruitment 	2008 – 12 batch – 60 % 2009 – 13 batch – 56 % 2010 – 14 batch – 64 % 2011 – 15 batch – 42 %
Entrepreneurs	2008 – 12 batch – 3 % 2009 – 13 batch – 3 % 2010 – 14 batch – 2 %

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same University	22%
From other Universities within the state	61%
From Universities from other state	11%
From Universities outside the Country	6%

37. **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period** NIL
38. **Present details of departmental infrastructural facilities with regard to**
- a) **Library** - Available (1560 books in department)
 - b) **Internet facilities for staff and students** -Available
Internet connectivity & WiFi campus (8 Mbps)
 - c) **Total number of class rooms** - 9 class rooms
 - d) **Class rooms with ICT facility** -Yes
 - e) **Students' laboratories** -Available

UG labs:

- 1.Circuits and Devices Lab
- 2.Control System Lab
- 3.Measurements and Instrumentation Lab
- 4.Power electronics Lab
- 5.Electrical Machines Lab
- 6.Power System Simulation Lab

PG labs:

- 1.Power Electronics Lab
- 2.Power Simulation Lab
- f) **Research laboratories** -NIL

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university

S.No	Name of the Student
1	Mr.J.Sanjeevikumar

b) from other institutions/universities

S.No	Name of the Student	Name of the University
1	Mr.B.Kunjithapatham	Annamalai University
2	Mr. C.K.Sundarabalan	Anna University

40. Number of post graduate students getting financial assistance from the university.

Year	No. of students
2012-13	2
2013-14	2
2014-15	1

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Feedbacks from alumni, Outgoing students, Parents, Industrialist, Academicians

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes. The feedback from the faculty is utilised in design of curriculum process. The Suggestions of faculty for innovative teaching methodology has been adopted. The strategies for improving the performance of slow learners have been incorporated.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes. The feedback from the student is utilised in design of curriculum process. The monthly review on staff performance helps to take the necessary action in various aspects such as portion completion, concept delivery, etc.,

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes. The feedback from the alumni and employers are utilised in the introduction of new courses which satisfies the industrial need.

43. List the distinguished alumni of the department (maximum 10)

- Ashwini kumar pandey
- Chandrakant pandey
- Rakesh pal
- Vikash kumar
- Anupam anand
- Manish kumar choubey
- Nitish raj

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

S.No	Department	Date	Name of the Event	Resource Person
1.	EEE	14-2-2009	GUEST LECTURE: RENEWABLE ENERGY	DR.SUDHAKARAN AP/EEE PONDICHERRY ENGINEERING COLLEGE
2.	EEE	25.03.2009 & 26.03.2009	NATIONAL SEMINAR ON RENEWABLE ENERGY (NSRE'09)	PROF. D.SANKARJI, EEE PRIST UNIVERSITY
3.	EEE	18.08.2009	TECHNICAL SYMPOSIUM - ELECTROAVATAR Z'09	Mr. ANTONY XAVIER, SOFTWARE SOLUTIONS

4.	EEE	20-08-2009	ELECTRICAL SAFETY	PROF.D.SANKARJI
5.	EEE	12.02.2010	INTERNATIONAL CONFERENCE ON PHOTONICS & NANO-TECHNOLOGY	Dr. V. SIVAN, DEAN (STUDENTS), NIT, TRICHY
6.	EEE	15-3-2010	TREND IN THE ADVANCED ENERGY MONITORING	DR. SUDHAKAR,ASST.PROF / PONDICHERRY UNIVERSITY
7.	EEE	15-07-2010	GUEST LECTURE ON NON-CONVENTIONAL ENERGY SOURCES	PROF. D.SANKARJI, EEE PRIST UNIVERSITY
8.	EEE	25.02.2011	MINI PROJECT DISPLAY	PROF. NITHIYANANDAM, COMPUTER SCIENCE & ENGINEERING, PRIST
9.	EEE	15-03-2011	MODERN TRENDS IN POWER CONVERTER	DR. JEEVANANDHAM ASST.PROF / PONDICHERRY UNIVERSITY
10.	EEE	24-08-11	GUEST LECTURE ON THERMAL ENERGY SYSTEM	PROF. THAMIZSELVAN.R MECHANICAL ENGINEERING PRIST UNIVERSITY
11.	EEE	05-01-2012	SEMINAR ON APPLICATIONS OF MATLAB TOOLS IN POWER ELECTRONICS	Mr. B. KUNJITHAPATHAM & Mrs. C. SATHYA, AP, PRIST UNIVERSITY
12.	EEE	29-03-2012	POWER PLANTS	MR.IRFAN HASMI
13.	EEE	10-07-2012	ELECTRICAL SAFETY	PROF.D.SANKARJI
14.	EEE	05-09-2012	ONE DAY WORKSHOP ON APPLICATIONS OF MATLAB TOOLS	Dr. S.SUNDARAM DIRECTOR- ECE & EIE PRIST UNIVERSITY
15.	EEE	28-02-2013	POWER CRISIS	PROF. S. BALIN VIMALI SHARMILA
16.	EEE	12-3-2013	ONE DAY WORKSHOP ON RECENT TRENDS	Dr. N.O.GOPAL & Dr. S. KAMARAJ, TNAU, COIMBATORE

			IN RENEWABLE ENERGY (CARE)	
17.	EEE	30-8-2013	NATIONAL CONFERENCE ON INNOVATION AND RESEARCH IN ENGINEERING & TECHNOLOGY	Mr. MUTHUKUMAR RAMALINGAM CHAIRMAN-DEXTRASYS, TRICHY
18.	EEE	18-09-2013	NATIONAL LEVEL STUDENT SYMPOSIUM – FLASHTECH'13	Mrs. V. BALIN VIMALI SHARMILA, HOD/EEE P.R ENGINEERING COLLEGE
19.	EEE	15-12-2013	IN-HOUSE SEMINAR - SOFT SKILL	C. SATHYA
20.	EEE	24-1-2014	IN-HOUSE SEMINAR - SOLAR ENERGY	B.KUNJITHAPATHAM
21.	EEE	20-2-2014	IN-HOUSE SEMINAR - CONTROLLERS	P.R.THEERTHAGIRI
22.	EEE	20-3-14	ROBOTICS WORKSHOP	IIT,KARAKPUR
23.	EEE	07.07.2014 & 08.07.2014	TECHNICAL WORKSHOP-APPLICATIONS OF MATLAB	MR.B.KUNJITHAPATHAM PRIST UNIVERSITY
24.	EEE	5-8-2014	IN-HOUSE SEMINAR - ELECTRICAL FUNDAMENTALS	MR.R.SRIDHAR
25.	EEE	6-11-2014	IN-HOUSE SEMINAR - MULTI LEVEL INVERTER	MS.G.KRITHIGA
26.	EEE	17-12-2014	TRANSFORMERS IN POWER PLANTS	MR. SIVAKUMAR,ASSISTANT EXECUTIVE ENGINEER,TNEB/VAL LAM
27.	EEE	25-1-2015	REPUBLIC INDIA	MR.J.SANJEEVIKUMAR AP/EEE
28.	EEE	14-2-2015	BLDC MOTOR	MR.R.ELANGO VAN
29.	EEE	14-6-2015	INDUSTRIAL ETHICS	MR.M.K.RAJESH
30.	EEE	17-8-2015	TECHNICAL SYMPOSIUM	MS.VIMALA TNEB-THANJAVUR

45. List the teaching methods adopted by the faculty for different programmes.

Methods Adopted:

- I C T Enabled Teaching
- Z to A Approach
- Role play
- Web 2.0 technologies
 - Blogger (Students Projects)
 - Prezi
 - Go Animate
 - Edmodo

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

By feedback collected from the alumni and employer

47. Highlight the participation of students and faculty in extension activities.

- a) National Service Scheme (NSS)
- b) Student outreach programme

48. Give details of “beyond syllabus scholarly activities” of the department.

Research related projects
Project Beyond Curriculum
Workshop
Guest Lecture
Internship and In plant Training
Seminars and Symposium

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

ISO 9001:2008 Certification

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The department courses comprises of various applied engineering specializations with the diversity of faculties in emerging areas such as Non conventional energy system & Application, LT & HT Distribution

System, Advanced DC-AC conversion Switch Mode Power supplies, Electrical system Design for Buildings, Electrical Engineering Drawing, Static VAR Compensations & Harmonics Filtering Power System Dynamics etc.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

1.1 Strengths

- Strong ethics and commitment to quality, positive moral, commitment to seek opportunities.
- Dedicated and experienced faculty
- Updated curriculum with requirements as defined by the demands of stakeholders.
- Learning environment for the students with multiple programmes, students clubs, guest lectures and industrial visits

1.2 Weaknesses

- Rural setting
- Lack of awareness about the quality of education offered here
- Lesser students strength

1.3 Opportunities

- The adopted advising and guidance system will help the department in diagnosing the students' performance.
- Good scope for community services in the economically and socially backward areas

1.4 Challenges

- There are no real jobs environments for the graduates who help in refining their knowledge and personality
- Fast growing well established private engineering colleges around

52. Future plans of the department.

- To introduce M.Tech Programme in Energy Engineering
- All the faculty members to obtain Ph.D degree within the year 2018
- To have Collaboration with the industries for consultancy projects
- To organize an international conference in the year 2016.
- Append Semester Abroad Programs (SAP) to the current program.

ELECTRONICS AND COMMUNICATION ENGINEERING

1. Name of the Department

Electronics and Communication Engineering

2. Year of establishment

2008

3. Is the Department part of a School/Faculty of the university?

Yes. School of Engineering and Technology

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

B.Tech – Electronics and Communication Engineering

M.Tech – Communication Systems

M.Tech - Applied Electronics

5. Interdisciplinary programmes and departments involved

Nil

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

CISCO – Training in various modules of CISCO

7. Details of programmes discontinued, if any, with reasons

M.Tech – Applied Electronics

Discontinued due to reduction in number of students admitted to the course over the period of time.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

Semester & Choice Based Credit System (CBCS)

9. Participation of the department in the courses offered by other departments

– YES

S.No.	Name of Subject	Department
1	Digital Systems	Department of CSE
2	Introduction to Electronic circuits	Department of CSE
3	Electric Circuits and Electron Device	Department of Mechanical, Civil & CSE
4	Electron Devices and Circuits	Department of EEE
5	Linear Integrated Circuits	Department of EEE
6	Communication Engineering	Department of EEE
7	Analog & Digital Electronics	Department of EEE

10. Number of teaching posts sanctioned, filled and actual
(Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	2	2	2
Associate Professor	3	3	3
Asst. Professors	13	15	15

Others (Adjunct) - 1 1

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr.PVN .REDDY	Ph.D	Professor	Digital Image Processing	26 Yrs	-
Dr.S.CHINA VENKATESWARLU	Ph.D	Professor	VLSI Design	18 Yrs 10 months	-
K.V.S.S.S.S.SAIRAM	Ph.D	Associate Professor	Optical Communication	15 Yrs	-
Dr.S.AUDITHAN	Ph.D	Associate Professor	Digital Image Processing	12 Yrs	8
Dr.C.VIVEK	Ph.D	Associate Professor	VLSI Design	1 Yr	-
R. SARASWATHI	M. E.	Assistant Professor	Computer and Communication	17 Yrs	-
S. LILLYPET	M. E.	Assistant Professor	Computer and Communication	13 Yrs	-
A. RIJUVANA BEGUM	M. E.	Assistant Professor	Communication Systems	13 Yrs 10 months	-
G. KANNAN	M. Tech.	Assistant Professor	Applied Electronics	11 Yrs	-
P. GEETHA	M. Tech.	Assistant Professor	Applied Electronics	11 Yrs 5 months	-
G. PRATHIBA	M. Tech.	Assistant Professor	Applied Electronics	9 Yrs 1 month	-
A. AMUDHA	M. E.	Assistant Professor	Optical Communication	6 Yrs 11 months	-
C. RAJINIKANTH	M. Tech.	Assistant Professor	Applied Electronics	6 Yrs 9 months	-
R. RASHYA	M. Tech.	Assistant Professor	Communication Systems	6 Yrs 10 months	-
A. SUJATHA	M. Tech.	Assistant	Communication	3 Yrs	-

PRIYADHARSHINI		Professor	Systems		
S. INDUMATHI	M. E	Assistant Professor	Embedded System & Technology	4 Yrs 1 month	-
K. VINOTH	M. Tech.	Assistant Professor	Applied Electronics	3 Yrs 3 months	-
S. BALAKRISHNAN	M. E.	Assistant Professor	Pervasive Computing Technology	4 Yrs	-
A. ELAKKIA	M. E	Assistant Professor	Applied Electronics	1 Yr & 3 months	-
B. GUNASEELAN	M. E	Assistant Professor	VLSI Design	2 Yrs & 10 months	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Position	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Adjunct Faculty	Dr. S.Sundaram	Ph.D	Professor	Process Modeling and Simulation	48 Yrs	-

13. Percentage of classes taken by temporary faculty – programme-wise information

Nil

14. Programme-wise Student Teacher Ratio

S.No	Program	Ratio
1	UG	1:15
2	PG	1:12

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Academic Supporting Staff	Sanctioned	Filled
Technical	5	5
Administrative staff-Clerical	2	2
Administrative staff-Attender	1	1

16. Research thrust areas as recognized by major funding agencies
- Digital Image Processing
 - Data mining
 - Mobile Adhoc Networks
 - VLSI Design
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.
Nil
18. Inter-institutional collaborative projects and associated grants received **Nil**
- a) National collaboration b) International collaboration
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **Nil**
20. Research facility / centre with
- state recognition
 - national recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies

Nil

22. Publications:

- * Number of papers published in peer reviewed journals (national / international)
 - **International Journal** : **134**
 - **National Journal** : **21**
 - **International Conferences** : **125**
 - **National Conferences** : **136**

Journal Publications by the Faculty:

Dr.S.China Venkateswarlu:

1. S.China Venkateswarlu , Dr. K.Satya Prasad & Dr. A.Subbi Rami Reddy on “Improvement Speech Enhancement Using Weiner Filtering” Published under Global Journal of Computer Science and Technology,(USA), Volume 11 Issue 7 Version 1.0 May 2011.: ISSN 0975-4172 & Print ISSN: 0975-4350 ISSN 0974-9624. GJCST Classification.
2. S.China Venkateswarlu and Mrs. A.Srilakshmi on “Automated Tool to Generate Optimized Control Flow Graph for C Language” Published under CIIT International Journal of Programmable Devices Circuits and Systems: ISSN 0974-973X& Online: ISSN 0974-9624. Manuscript No #: CIIT-IJ-1846.
3. S.China Venkateswarlu and B.Satish Chandra on “Audio Compression using Perceptual and Huffman Coding” Published under CIIT International Journal of Programmable Devices Circuits and Systems: ISSN 0974-973X& Online: ISSN 0974-9624. Manuscript No #: CIIT-IJ-0934
4. S.China Venkateswarlu and R.Naraiah on “Router Control Mechanism for Congestion Avoidance in IP Based CDMA Radio Access Network ” Published under IJAEA(International Journal of Advanced Engineering

- & Applications) January 2011 Issue Volume III, Pp no. 235-239. www.steps-india.com/ijaea, January 2011 .ISSN: 0975-7783(Print), 0975-7791(Online).
5. S.China Venkateswarlu and G.Nagendhar on “Curvature Scale Space Based Trade Mark Recognition” Published under IJAEA(International Journal of Advanced Engineering & Applications) January 2011 Issue Volume III, Pp no. 225-231. www.steps-india.com/ijaea, January 2011 .ISSN: 0975-7783(Print), 0975-7791(Online).
 6. S.China Venkateswarlu and B.Satish Chandra on “Audio Compression using Perceptual and Huffman Coding” Published under CIIT International Journal of Programmable Devices Circuits and Systems: ISSN 0974-973X& Online: ISSN 0974-9624. Manuscript No #: CIIT-IJ-0934
 7. S.China Venkateswarlu and Kunal Mohanthi on “Automated Cam Security using Image Compression” Published under CIIT International Journal of Programmable Devices Circuits and Systems: ISSN 0974-973X& Online:ISSN 0974-9624. Manuscript No #: CIIT-IJ-0932
 8. S.China Venkateswarlu and YD RAJU “Watermarking of Images Based On Second- Generation Wavelets” ,IJEC(International Journal of Electronics and Computers), Volume 2, Number 1, January –June 2010, Pp No. 79-84,. ISSN: 0975-3796, Published by ISP(International Science Press)
 9. S.China Venkateswarlu and B.Raja Vikram “Neuro Fuzzy For Image Segmentation and Edge Detection” IJEC(International Journal of Electronics and Computers), Volume 2, Number 1, January –June 2010, Pp No271-280,. ISSN: 0975-3796, Published by ISP(International Science Press)

10. S.China Venkateswarlu and B.Chandra Mohan “Evaluation of Curvelet Transforms in Content Based Image Retrieval” IJEC(International Journal of Electronics and Computers), Volume 2, Number 1, January – June 2010, Pp No.199-204. ISSN: 0975-3796, Published by ISP(International Science Press).
11. S.China Venkateswarlu and G.Somasekhar, International Journal of Computer Science and Knowledge Engineering, /Volume 3/ Number 1/ JANUARY- JUNE 2009/ISSN : 0973-6735/Serials Publications, New Delhi, (INDIA)- a paper on “Improve Performance during Hand off to Mobile Node” Journal –(IJCSKE, pp. 41-45).
www.serialspublications.com
12. A Paper on “Track Inspector for Avoiding Rail Accidents”, /CVS/M.Saikiran/M.Abhijeet /Prof. S.China Venkateswarlu/Journal of engineering students/CAFET-INNOVA Technical Society. Prof.K.Laxminarayana/CVS/Journal of Engineering Students/ Hafeez Basha.R/secretary,JES, during October 2007.
13. Published an article Cherish your Hobbies in the Electronic Hobby Club of ECTA.VITS/News Letter Vol2,No.2-27-30 December 2003.
14. Published an article “Fingerprints-twins identifications” VITS-News letter vol2 No.122/29-30/03/2004./pp.13-21.
15. Research paper under Ph.D developed at CMRCET R &D division, presented at Second doctoral theses conference, “3G CDMA WITH MULTILE ACCESS INTERFACE” held at IBS, Hyd, India on 7th &8th March 2008.

CONFERENCE PAPERS

International Conference Papers

- 0 A paper on “Watermarking for JPEG2000 Compression Standard on FPGA” Paper ID/228/ Group I Full Length Paper/ Communication Engineering/under International Conference D.D. No. 572763/ICWET2010/Thankur College of engineering & Technology,Mumbai/<http://www.icwet.co.cc/www.teetmumbai.in> through easychair/from 26th, 27 Feb’2010.
- 1 A paper on “Adaptive Neuro Fuzzy For Image Segmentation and Edge Detection” Paper ID/229/ Group I Full Length Paper/ Communication Engineering/under International Conference D.D. No. 572781/ICWET2010/Thankur College of engineering & Technology,Mumbai/<http://www.icwet.co.cc/www.teetmumbai.in> through easychair/from 26th, 27 Feb’2010.
- 2 Presented a paper on “Improve Performance during Hand off to Mobile Node” Paper ID/1121/ under International Conference on VLSI and Communication Saintgits College of Engineering, Kottayam, ICVCom-2009, from 16/04/2009 to 18/04/2009. <http://www.icvcom.org>.
- 3 A Paper on “Watermarking of Images Based On Second- Generation Wavelets” Proceedings of the Trace2010, Paper ID: Trace2010-330 International Conference on Trends and Advances in Computation and Engineering on February 25th -26th, 2010. Ref: TRACE2010-330 / <http://www.buit.ac.in/trace/index.htm>
- 4 A Paper on “Neuro Fuzzy For Image Segmentation and Edge Detection” Proceedings of the International Conference on Trends and Advances in Computation and Engineering Trace2010, Paper ID: Trace2010-433 on

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- 5 A Paper on “Evaluation of Curvelet Transforms in Content Based Image Retrieval” Proceedings of the Trace2010 International Conference on Trends and Advances in Computation and Engineering on February 25th - 26th, 2010. Ref: TRACE2010-435/ <http://www.buit.ac.in/trace/index.htm>
- 6 Presented a paper on “Analysis in Convergent Networks in Telecommunication Economics” Paper Telecom Economics/Page No. 35/JIBS/ under International Conference on Applied Economics and Time Series Econometrics (ICAETE) In Collaboration with Indira Gandhi Institute of Development Research (IGIDR)& The Indian Econometric Society, Mumbai The Indian Econometric Society, from 17/04/2009 To 18/04/2009. <http://www.igidr.org>. www.icaete.in
- 7 Presented a paper on “FPGA Implementation of Triple Data Encryption and Description Standard” /Reference No.V20/ under International Conference on Intelligent System and Control, /karpagam College of Engineering, coimbatore-32/ISCO09, from 06/02/2009 to 07/02/2009. /
 NJR Muniraj Organizing Secretary
<http://www.karpagameducation.com/ISCO09.htm>
- 8 Presented a Contributed paper on “Bayesian Demodulation Algorithm for GPRS Wireless Networks” /Reference No.CI-6.2/ Page numbers from 477 to 479/under International Conference on Systemics, Cybernetics and Informatics /under Informatics/ is an event organized by Pentagram Research, Hyderabad /ICSCI-2009, from 07/01/2009 to 10/01/2009. / Dr. Rajan-Organizing Secretary/
<http://www.icsci.net/Accepted%20Contributed%20Papers.htm>
- 9 Presented a paper on “Image Watermarking Encoder for FPGA Devices” /Reference No.TN303/ ISBN .978 -7800- 188 -3 / under International

Conference on Advanced Computing Technologies/ICACT-2008 /GRIET, Hyderabad, from 26/12/2008 To 27/12/2008. / <http://www.griet.ac.in/> , <http://icact-griet.org/conferenceSlides/index.html>

- 10 Presented a paper on ‘3G CDMA WITH MULTILE ACCESS INTERFACE’ Conference ‘Doctoral Theses Conference2008’ at IBS, Hyderabad on 7th and 8th March 2008. <http://www.ibsindia.org/>

National Conference Papers

- 1 A paper on “Fast Ethernet Network Repeater with Carrier Sense Multiple Access ” /Reference No. MRCET / under National Conference on “vcecse”, /Wagdvi, Warangal, on 24th and 25th December , 2009/<http://www.vcecse.com/itfwp09schedule.pdf>
- 2 A paper on “IEEE 802.3 CSMA Fast Ethernet Network Reeater ” /Reference No. MRCET / under National Conference on “SMOS”, /MRCET,HYDERABAD2/DOCDS09, on 4th and 05th December , 2009/<http://www.mrcet.com>.
- 3 A paper on “Influences of DSTATCOM Devices on the Dynamic Performance of Distribution Systems with Distributed Generators” /Reference No. SNIST / under National Conference on “Design, Operation and Control of Distribution System”, /SNIST,HYDERABAD2/DOCDS09, on 3rd and 04th July , 2009/<http://www.snist.com>.
- 4 A paper on “Power Flow Solution of Three- Phase Unbalanced RDS” /Reference No. SNIST / under National Conference on “Design, Operation and Control of Distribution System”, /SNIST,HYDERABAD2/DOCDS09, on 3rd and 04th July , 2009/<http://www.snist.com>.

- 5 A paper on “Implementation of PWM Voltage Source Inverter on Active Filters using Simulink for Power Quality Improvement” /Reference No. SNIST / under National Conference on “Design, Operation and Control of Distribution System”, /SNIST,HYDERABAD2/DOCDS09, on 3rd and 04th July , 2009/<http://www.snist.com>.
- 6 Presented a paper on “Data Encryption and Decryption using ARM Processor” /Reference No.E08/ under International Conference on Intelligent System and Control, /karpagam College of Engineering, coimbatore-32/ISCO09, from 06/02/2009 To 07/02/2009. /NJR Muniraj Organizing Secretary/<http://www.karpagameducation.com/ISCO09.htm>
- 7 Presented a paper on “A Cluster Based Bayesian Demodulation Algorithm For GPRS Wireless Networks” /Reference No.WC 119 Sl No. 11/ under National Conference on Optical & Wireless Communication/NCOW-2008 /Dept., of ECE ,DAVIET , Jalandhar, from 27/11/2008 To 28/11/2008. / <http://www.davietjal.org/> , <http://ncow2008/conference>
- 8 Presented a paper on “BER Performance Of Ultra Wideband Signal In Additive White Gaussian Noise And Dense Multi Path In Communication” /Reference No.WC 112 Sl No. 8/ under National Conference on Optical & Wireless Communication/NCOW-2008 /Dept., of ECE, DAVIET, Jalandhar, from 27/11/2008 to 28/11/2008. / <http://www.davietjal.org/> , <http://ncow2008/conference>
- 9 Presented a paper on “Recursive Estimation for GPRS Wireless Networks” /Reference No.1569130406/ under National Conference on National Conference on Emerging Trends in Communication Systems/NCETCS 2008/, DMI College of Engineering, palanchur , Chennai, on 19th September 2008. / <http://www.Dmice.org> , <http://ncetcs2008./conference/> Page Nos. 90 to 92.

10 Guided “Robotics-Soccer Robot Sumo Robot” and other two events
Robo’s-Under Techniche2008, IIT—Gauhathi/06/09/2008/
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Dr.K.V.S.S.S.S.SAIRAM

1. K.v.s.s.s.s.sairam, “Blueetooth in Wireless Communication”, IEEE Communication Magazine, May/June 2002, Vol 40& No.6, pp90-96.
2. K.v.s.s.s.s.sairam, “Calculating the Optimal Cost for Long Haul Networks”, IEEE Potentials, August/September 2003, pp 40-41.
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4. K.v.s.s.s.s.sairam, ”Future Photonic Networks”, IRSE, Colorado University, USA , January 9-12, 2002.
5. K.v.s.s.s.s.sairam, “Bluetooth as a 3G Enabler”, 3G Wireless Congress Conference, Sanfransisco, California, May 28-31, 2002.
7. K.v.s.s.s.s.sairam, “JTF Radar” - IEEE ISSSTA 2002, Prague, Czech Republic, September 2-5, 2002.
8. K.v.s.s.s.s.sairam, “Human like Robots by Artificial Intelligence & Expert Systems (IES)”, Los Vegas, September 6-8, 2002.
9. K.v.s.s.s.s.sairam, “OND for Long Haul Transmission”, National Level Conference, March 23-24, 2002, Rajkot, Gujarat State, India.
10. K.v.s.s.s.s.sairam, “Optical integrated Circuits Application in Medicine”, National Level Conference on Biomedical & Instrumentation Systems, January 5-6, 2002, Hyderabad, Andhra Pradesh State, India.
11. K.v.s.s.s.s.sairam, “Workshop on Digital Communication Systems”, March 23-24, 2002, CEERI campus, Taramani, Chennai, Tamilnadu State, India.

12. K.v.s.s.s.s.sairam, "Bluetooth applications", National level Conference, February 1-2 2002, Bhimavaram Town, Andhra Pradesh state, India.
13. K.v.s.s.s.s.sairam, "Internetworking Technology – Distance Learning, International Conference on Education and Environment, December 3-6,2002, National Remote Sensing Agency (nrsea), Hyderabad, Andhra Pradesh State, India.
14. K.v.s.s.s.s.sairam, "Future photonic networks", ICEEA, September 8-12, 2003 Torino, Italy.
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22. K.v.s.s.s.s.sairam, "Enabling Technologies for Smart Appliances ETSA", January 12-14, 2005, Hyderabad, A.P. State, India.
23. K.v.s.s.s.s.sairam, "Advance technologies-distance learning", International Conference of Enhanced Teaching and Learning, (TELT), IIT chennai, december 19-20, 2002.
24. K.v.s.s.s.s.sairam,"Optical environment by using FOT, National Conference on Communication and Networking, NCCN 2003,

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25. K.v.s.s.s.s.sairam, "Optical services with wireless technology", IEEE – ICSTCN, October 12, July 2003, Italy.
 26. K.v.s.s.s.s.sairam, "Optical integrated circuits research trends in Medicine, ISAPE, August 17-21 2003, Beijing, China.
 27. K.v.s.s.s.s.sairam, "Optical System Applications using Diversity Techniques, IEEE Conference on Communication Society, August 2002, NJ, USA.
 28. K.v.s.s.s.s.sairam, "Integrated Services of Optical Networks, IEEE – Conference on Communication Trends, August 12, 2003, NJ, USA.
 29. K.v.s.s.s.s.sairam, " Multiplexing Schemes in Optical Communications, IWCC, September 9-12 2003, Croatia, Italy.
 30. K.v.s.s.s.s.sairam, "Workshop on Communication Concepts and Achievements" April 15-16, 2003, CEERI campus, Taramani, Chennai, Tamilnadu State, India.
 31. K.v.s.s.s.s.sairam, "Optics Application in Medicine, IEEE 5th International Conference on Optical Simulation, April 2-4, 2003, Ljubljana, Slovenia.
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38. K.v.s.s.s.s.sairam, et.al., "High Performance Optical Networks- An Overview", IJMOT, Vol. 4, No. 1, pp. 60-63, January 2009.
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Dr.S.Sundaram

1. Dr.S.Sundaram presented and published a paper titled "Model and statistical analysis of fracture healing by electric stimulation" at the international conference on Applications of digital information and web technologies (ICADIWT 2014) held at PRIST University, Chennai on 17th to 19th February 2014. This paper has been published in international journal from the ISBN: 978-1-4799-2259-14 and IEEE catalog number- CFP1476E-CDR.
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3. Thermodynamic properties of Toluene-1122 tetrachloroethane, J. Chem.Eng. Data, 24(1),40 (1979).
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8. Hydrodynamics of a annular circulating fluidised bed using Ragi particles Powder Tech 103,165(1999)
9. Improvement in performance of heat exchangers with twisted tapes, Jl of Energy Engg p35 April 1999.
10. Non - Linear Control of Bio reactors Bioprocess Engg.20, 173 (1999)
11. Liquid phase volumetric mass transfer coefft. Bioprocess Engg. 49, 146 (2000)
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13. Residence time distribution in ACFBD, Powder Tech., 107, 256 (2000)
14. Hydrodynamics of ACFBD of sand particles, Bioprocess Engineering 23(5), 539 (2000)
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24. J. Aruputha Vijaiyaselvi, S. Sundaram, Performance assessment of PID and IMC tuning methods for a mixing process with time delay, ISA Transaction, Vol. 46, 391-397, 2007
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27. S. Ramachandran, S. Sundaram, Heat Transfer Studies in a Spiral Heat Exchanger, Braz. J. Of Ch. Eng. 25(3), 2008
28. J. Sumathi, S. Sundaram, Effect of dilution and model analysis of distillery effluent using DO as parameter, J.Sensors and Transducers, 105(6), 113 - 118, 2009
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5. Simple method to predict azeotropic temperature and composition, Chem Ind. Develop., 9,15 (1975).
6. Prediction of low pressure gas viscosity from molar polarization, Ind. Chem. Eng. 23(4),29 (1981).
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8. Comparative study of biogas reactors, I.E(I)JI.72,19(1991).
9. Fluorescent investigation of temperature effect on glucose fermentation I.E(I)JI., 74,26 (1993).
10. Studies on Hydrodynamics of Annular Circulating Fluidised Bed Drier with Millet Particles, J. Food Sci. Technol., Vol.40, No.6,(2003)
11. Conductivity Based Process Modelling, J. Instrum. Soc. India, 33 (4), 291-297(2003).
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14. Experimental Heat transfer correlations for 2 phase system in a compact heat exchanger, CTAIJ 1 (1), 14-19, (2006)
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16. V. Dharmaligam, S. Sundaram, Conductivity Based Process Modelling, J. Instrum. Soc. India, Vol. 33(4), 291-297, 2003
17. Madhavasarma, T.K. Radhakrishnan, S. Sundaram, Model Based Evaluation of a controller using pole placement technique J. Instrum. Soc. India, 246-256, 2006

Dr.S.Audithan

1. Audithan S et.al. "TEXTURE CLASSIFICATION BY SHEARLET BAND SIGNATURES" is published in "Asian Journal of Scientific Research". [ISSN 1992-1454] available online <http://scialert.net/onlinefirst.php?issn=1992-1454> (SCOPUS Indexed Journal)
2. S. Audithan, et.al "A NOVELTY APPROACH OF SPATIAL CO-OCCURRENCE AND DISCRETE SHEARLET TRANSFORM BASED TEXTURE CLASSIFICATION USING LPBOOSTING CLASSIFIER" is published in "Journal of Computer Science" [ISSN 1549-3636] available online <http://thescipub.com/pdf/10.3844/jcssp.2014.783.793> (SCOPUS Indexed Journal)
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4. Dr. S. Audithan et.al “A NEW SECURITY PROTOCOL USED TO DETECT THE IMPACT OF SECURITY ATTACKS IN AD-HOC NETWORK” is published in “Singaporean journal of scientific research” Vol 5.No.2 2013 PP 61-67
5. S. Audithan, et.al “OBJECT RECOGNITION BASED ON DUAL TREE COMPLEX WAVELET TRANSFORM” accepted for publication in “Research Journal of Applied Sciences, Engineering and Technology” (SCOPUS Indexed journal)
6. S.Audithan, et.al “COLOR TEXTURE IMAGE ANALYSIS BY SHEARLETS” is published in “Journal of Applied Sciences”. [ISSN 1812-5654] available online <http://docsdrive.com/pdfs/ansinet/jas/0000/61096-61096.pdf> (SCOPUS Indexed journal) International Conference
7. S. Audithan et.al “CLASSIFICATION OF COLOUR TEXTURES USING SHEARLETS” “IEEE International conference on information communication & Embedded Systems ICICES 2014” held at S.A Engineering College, Chennai on 27 & 28 February 2014
8. S. Audithan, et.al “TEXTURE CLASSIFICATION OF GABOR FILTERING IMAGES BASED OF DST-TEXTON TEMPLATE WITH LPBOOSTING CLASSIFIER” in “Fifth International Conference on the Applications of Digital Information and web Technologies ICADIWT 2014” (IEEE communication society sponsored conference) held at PRIST University on 17 – 19 February 2014.

A.Rijuvana Begum

1. Mrs.A.Rijuvana Begum has presented and published a paper titled **“FPGA Implementation and simulation of Guided image filtering”** at the international conference on Applications of digital information and web technologies (ICADIWT 2014) held at PRIST University, Chennai on 17th to 19th February 2014. This paper has been published in international journal from the ISBN: 978-1-4799-2259-14 and IEEE catalog number-CFP1476E-CDR.
2. A.Rijuvana Begum et.al ,FPGA Implementation and Simulation of Guided Image Filtering, Journal of Multimedia Processing and Technologies Volume 4 Number 4 December 2013
3. A.Rijuvana Begum et.al Retinal Image Classification for Identification of Cardio Vascular Disease Using Forest Graph, SSRG International Journal of Computer Science and Engineering (SSRG-IJCSE) – volume1 issue8 October 2014.
4. A.Rijuvana Begum et.al, Edge Detection using Third Order Difference Equation: A
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S.Lillypet

1. Journal on Comparative study of Legendary,Zernike Pseudo Zernike moments for Palm point authentication in European Journal of Sceintific Research,March,2013.
2. Mrs.S.Lillypet has presented paper on “Piezoelectric crystal – Future source of electricity” at the National conference on Signals and systems and security organized by Mother Tersa College of engineering and technology, Ilupur - puthukkottai on 27 & 28th Feb 2014.
3. Mrs.S.Lillypet has presented paper on “Smart card license based car security authorization” at National conference on ‘Advances in VLSI, communication and signal processing’ organized by J.J. College of Engineering and Technology in Trichy on 14 March 2014
4. Mrs.S.Lillypet has presented paper on “Lamp adapter based VLC system for in-flight data networking” in National conference on Signals and systems and security organized by Bannari Amman Institute of Tech, Sathyamangalam - Erode on 14th March 2014.

Dr.C.Vivek:

1. C.Vivek et.al “COLOR TEXTURE IMAGE ANALYSIS BY SHEARLETS” is published in “Journal of Applied Sciences”. [ISSN 1812-5654] available online <http://docsdrive.com/pdfs/ansinet/jas/0000/61096-61096.pdf> (SCOPUS Indexed journal) International Conference
2. C. Vivek et.al. “CLASSIFICATION OF COLOUR TEXTURES USING SHEARLETS” “IEEE International conference on information communication & Embedded Systems ICICES 2014” held at S.A Engineering College, Chennai on 27 & 28 February 2014
3. C. Vivek et.al “TEXTURE CLASSIFICATION OF GABOR FILTERING IMAGES BASED OF DST-TEXTON TEMPLATE WITH LPBOOSTING

CLASSIFIER” in “Fifth International Conference on the Applications of Digital Information and web Technologies ICADIWT 2014” (IEEE communication society sponsored conference) held at PRIST University on 17 – 19 February 2014.

4. C. Vivek et.al, “A NOVELTY APPROACH OF SPATIAL CO-OCCURRENCE AND DISCRETE SHEARLET TRANSFORM BASED TEXTURE CLASSIFICATION USING LPBOOSTING CLASSIFIER” is published in “Journal of Computer Science” [ISSN 1549-3636] available online <http://thescipub.com/pdf/10.3844/jcssp.2014.783.793> (SCOPUS Indexed Journal)
5. C. Vivek et.al, “A STATISTICAL APPROACH OF TEXTON BASED TEXTURE CLASSIFICATION USING LPBOOSTING CLASSIFIER” Accepted for publication in “Research Journal of Applied Sciences, Engineering and Technology” (SCOPUS and THOMSON ISI Indexed journal)
6. C.Vivek and S.Audithan “COLOR TEXTURE IMAGE ANALYSIS BY SHEARLETS” is published in “Journal of Applied Sciences”. [ISSN 1812-5654] available online <http://docsdrive.com/pdfs/ansinet/jas/0000/61096-61096.pdf> (SCOPUS Indexed journal) International Conference

G.Kannan

1. G.Kannan, et.al has presented and published a paper titled “FPGA Implementation and simulation of Guided image filtering” at the international conference on Applications of digital information and web technologies (ICADIWT 2014) held at PRIST University, Chennai on 17th to 19th February 2014. This paper has been published in international journal from the ISBN: 978-1-4799-2259-14 and IEEE catalog number-CFP1476E-CDR.

2. G.Kannan, et.al ,FPGA Implementation and Simulation of Guided Image Filtering, Journal of Multimedia Processing and Technologies Volume 4 Number 4 December 2013
3. FPGA IMPLEMENTATION OF IMAGE DEHAZING USING GUIDED FILTERING, International concerence Proceeding, Elsevier Publications,2014.

G.PRATHIBA

1. Mrs.G.Prathiba has presented a paper on “performance evaluation of wireless sensor networks for forest and industrial fire detection” at National conference organized by the Tejaa Shakthi Institute Of Technology For Women, Coimbatore on 14th March 2014.
2. Mrs.G.Prathiba has presented a paper on “biometric voting machine” at National conference organized by the Roever Engineering College, Perambalur on 28th Feb 2014.
3. G.Prathiba, Security Lock System for Fake Traits based on Image Processing, International Journal of engg & Comp. Science, Vol.4.Iss.2. 2015.

A.AMUDHA

1. A.Amudha has Presented a paper on “Two wheeler Secure System control from theft using GPS and GSM” at National conference organized by the St.Joseph College of Engineering, Chennai on 21 March 2014.

Student Publications:

1. S.Purnima has presented a paper titled **“Retinal Image Classification for Identification of Cardio Vascular Disease”** ” in the International Journal of Electronics and Communication Engineering, Volume 2 issue 3 - 2015.
2. R.Vaitheki has published a paper titled **“Lab view Based Real Time Online Data Acquisition System for Wireless Sensor Extended**

Networks” in the International Journal of Engineering Research and Science & Technology (IJERST 2015)

3. S.Aparna has published a paper titled **“Emergency Management of Urban Rail Transportation Using CBTC System”** in the International Journal of Electronics and Communication Engineering, Volume 2 issue 3 - 2015.
4. M.Sheeba Michael Angel has published a paper titled **“A Novel Approach for substantiation Protocol with Time Scheduling”** in the International Journal of Electronics and Communication Engineering, Volume 2 issue 3 - 2015.
5. R.Karthika has published a paper titled **“Wireless Communication using LiFi Technology”** in the International Journal of Electronics and Communication Engineering, Volume 2 issue 3 - 2015.
6. V.M.Padmapriya has published a paper titled **“New Generation of Innovative Power gating on Embedded System”** in the International Journal of Electronics and Communication Engineering, Volume 2 issue 3 - 2015.
7. M.Gowri has published a paper titled **“Minimization of Radiation Using IR Communication in Tele Health Monitoring System”** in the International Journal of Electronics and Communication Engineering, Volume 2 issue 3 - 2015.
8. M.Malarvizhi has published a paper titled **“Design of High Speed Retransmission Protocols Based on Encryption Method for Smart Grid”** in the International Journal of Electronics and Communication Engineering, Volume 2 issue 3 - 2015.

International Conferences –2015

1. Angad Kumar Baranwal, IV ECE has presented a paper titled **“Smart Ticket Booking and Intelligent Passenger Identification System in Railways Using Dip & GSM Receiver”** at the international conference on engineering and applied science 2015 organized by Vetri vinayaha college of engineering and technology on 28th February 2015.
2. Piyush Priye, IV ECE has presented a paper titled **“Smart Ticket Booking and Intelligent Passenger Identification System in Railways Using Dip & GSM Receiver”** at the international conference on engineering and applied science 2015 organized by Vetri vinayaha college of engineering and technology on 28th February 2015

Students National Conferences –2015

1. S.Purnima has presented a paper titled **“Retinal Image Classification For Identification of Cardio Vascular Disease”** at the National conference on Engineering Science and Humanities (NCESH - 2014) organized by Idhaya College for Women, Kumbakonam on 30th September 2014.
2. M.Gowri has presented a paper titled **“Minimization of Radiation Using IR Communication in Tele Health Monitoring System”** at the National conference on Wireless Networks Robotics and Renewable Energy (NCWRR-2015) organized by PR Engineering College, Thanjavur on 20th February 2015.
3. V.M.Padmapriya has published a paper titled **“New Generation of Innovative Power gating on Embedded System”** at the National conference

- on Wireless Networks Robotics and Renewable Energy (NCWRR- 2015) organized by PR Engineering College, Thanjavur on 20th February 2015.
4. S.Gopikrishnan has presented a paper titled **“Design and implementation of intelligent energy saving and aero sleep power management using Hybrid WSN”** at the National conference on Wireless Networks Robotics and Renewable Energy (NCWRR- 2015) organized by PR Engineering College, Thanjavur on 20th February 2015.
 5. S.Thiyagesh has presented a paper titled **“Design and implementation of intelligent energy saving and aero sleep power management using Hybrid WSN”** at the National conference on Wireless Networks Robotics and Renewable Energy (NCWRR- 2015) organized by PR Engineering College, Thanjavur on 20th February 2015.
 6. S.Thiyagesh has presented a paper titled **“Optical Character Recognition(OCR) Based Speed Control of Vehicles in Accident Prone Zone”** at the National conference on Advancement in Electrical Power Signal Processing and Communication Network Systems organized by Selvam College of Technology, Namakkal on 11th and 12th March 2015.
 7. S.Gopikrishnan has presented a paper titled **“Optical Character Recognition(OCR) Based Speed Control of Vehicles in Accident Prone Zone”** at the National conference on Advancement in Electrical Power Signal Processing and Communication Network Systems organized by Selvam College of Technology, Namakkal on 11th and 12th March 2015.
 8. S.Geetha, IV ECE has presented a paper titled **“Fingerprint based ignition and smart zone sensing system with automatic control”** at the national conference on wireless, robotics and renewable energy organized by P.R. Engineering College on 20th February 2015.
 9. B.Gayathri, IV ECE has presented a paper titled **“Fingerprint based ignition and smart zone sensing system with automatic control”** at the national

- conference on wireless, robotics and renewable energy organized by P.R. Engineering College on 20th February 2015.
10. T.Anitha, IV ECE has presented a paper titled **“Design of high isolation KU band Micro strip array antenna for marine radar”** at the national conference on wireless, robotics and renewable energy organized by P.R. Engineering College on 20th February 2015.
 11. B.Kayalvizhi, IV ECE has presented a paper titled **“Design of high isolation KU band Micro strip array antenna for marine radar”** at the national conference on wireless, robotics and renewable energy organized by P.R. Engineering College on 20th February 2015.
 12. M.Suganya, IV ECE has presented a paper titled **“Design of high isolation KU band Micro strip array antenna for marine radar”** at the national conference on wireless, robotics and renewable energy organized by P.R. Engineering College on 20th February 2015.
 13. R.Mahalakshmi, IV ECE has presented a paper titled **“Contribution of hybrid NAV AIDS system status indicator”** at the national conference on wireless, robotics and renewable energy organized by P.R. Engineering College on 20th February 2015.
 14. M.Priyadharshini, IV ECE has presented a paper titled **“Contribution of hybrid NAV AIDS system status indicator”** at the national conference on wireless, robotics and renewable energy organized by P.R. Engineering College on 20th February 2015.
 15. V.Anbumalar, IV ECE has presented a paper titled **“Contribution of hybrid NAV AIDS system status indicator”** at the national conference on wireless, robotics and renewable energy organized by P.R. Engineering College on 20th February 2015.
 16. S.Vigneswar, IV ECE has presented a paper titled **“GSM based airport automation and Surveillance in Taxi bay”** at the national conference on

- wireless, robotics and renewable energy organized by P.R. Engineering College on 20th February 2015.
17. S.Rudraveni, IV ECE has presented a paper titled **“Contribution of hybrid NAV AIDS system status indicator”** at the national conference on wireless, robotics and renewable energy organized by P.R. Engineering College on 20th February 2015.
 18. R.Renukadevi, IV ECE has presented a paper titled **“Design of high isolation KU band Micro strip array antenna for marine radar”** at the national conference on recent trends in engineering and technology organized by Parisutham institute of technology and science on 20th February 2015.
 19. C.Sivaranjani, IV ECE has presented a paper titled **“Design of high isolation KU band Micro strip array antenna for marine radar”** at the national conference on recent trends in engineering and technology organized by Parisutham institute of technology and science on 20th February 2015.
 20. Derangula Raja, IV ECE has presented a paper titled **“Design and implementation of smart train”** at the national conference on recent trends in engineering and technology organized by Parisutham institute of technology and science on 20th February 2015.
 21. A.Manikandan, IV ECE has presented a paper titled **“Design and implementation of smart train”** at the national conference on recent trends in engineering and technology organized by Parisutham institute of technology and science on 20th February 2015.
 22. S.Shabir, IV ECE has presented a paper titled **“Design and implementation of smart train”** at the national conference on recent trends in engineering and technology organized by Parisutham institute of technology and science on 20th February 2015.
 23. B.Fayas ahamed, IV ECE has presented a paper titled **“Design and implementation of smart train”** at the national conference on recent trends

- in engineering and technology organized by Parisutham institute of technology and science on 20th February 2015.
24. D.Chiranjeevi, IV ECE has presented a paper titled **“Analysis based error model for the Microsoft KINECT depth sensor ”** at the national conference on recent trends in engineering and technology organized by Parisutham institute of technology and science on 20th February 2015.
25. D.korapati rafi, IV ECE has presented a paper titled **“Analysis based error model for the Microsoft KINECT depth sensor ”** at the national conference on recent trends in engineering and technology organized by Parisutham institute of technology and science on 20th February 2015.
26. Derangula balaji, IV ECE has presented a paper titled **“Analysis based error model for the Microsoft KINECT depth sensor ”** at the national conference on recent trends in engineering and technology organized by Parisutham institute of technology and science on 20th February 2015.
27. D.Beri chaitanya reddy, IV ECE has presented a paper titled **“Analysis based error model for the Microsoft KINECT depth sensor ”** at the national conference on recent trends in engineering and technology organized by Parisutham institute of technology and science on 20th February 2015.
28. S.Vijaykamal, IV ECE has presented a paper titled **“Implementation of child tracking using android mobile”** at the national conference on engineering trends in communication and VLSI design organized by Kings College of engineering on 11th March 2015.
29. K.Mohamed Bashith, IV ECE has presented a paper titled **“Implementation of child tracking using android mobile”** at the national conference on engineering trends in communication and VLSI design organized by Kings College of engineering on 11th March 2015.
30. Rupesh kumar singh, IV ECE has presented a paper titled **“High efficient noncontact hand gesture recognition algorithm for human machine**

- interfaces”** at the national conference on engineering trends in communication and VLSI design organized by Kings College of engineering on 11th March 2015.
31. Uperdra kumar, IV ECE has presented a paper titled **“Framework of vehicle emission control and Tracking through RFID Technology”** at the national conference on inclusive development: strategies and challenges organized by A.J. Institute of technology mangalore on 12th March 2015
 32. Uperdra kumar, IV ECE has presented a paper titled **“Framework of vehicle emission control and Tracking through RFID Technology”** at the national conference on inclusive development: strategies and challenges organized by A.J. Institute of technology mangalore on 12th March 2015
 33. Aman kumar agarwal, IV ECE has presented a paper titled **“Framework of vehicle emission control and Tracking through RFID Technology”** at the national conference on inclusive development: strategies and challenges organized by A.J. Institute of technology mangalore on 12th March 2015
 34. Mamta kumari, IV ECE has presented a paper titled **“Buses for visually impaired people”** at the national conference on India emerging - business strategies for sustainability organized by PRIST university Thanjavur on 27th March 2015
 35. Chandani kumari, IV ECE has presented a paper titled **“Buses for visually impaired people”** at the national conference on India emerging - business strategies for sustainability organized by PRIST university Thanjavur on 27th March 2015
 36. Uperdra kumar, IV ECE has presented a paper titled **“Framework of vehicle emission control and Tracking through RFID Technology”** at the national conference on India emerging - business strategies for sustainability organized by PRIST university Thanjavur on 27th March 2015

37. J.Jithin, IV ECE has presented a paper titled **“High efficient non contact hand gesture”** at the national conference on India emerging - business strategies for sustainability organized by PRIST university Thanjavur on 27th March 2015
38. J.Jibin varghese, IV ECE has presented a paper titled **“High efficient non contact hand gesture”** at the national conference on India emerging - business strategies for sustainability organized by PRIST university Thanjavur on 27th March 2015

International Conferences – 2014

1. S.Rajapriya has presented a paper titled **“Cluster based wireless sensor networks using M-Collector”** at the international conference on Nano electronic science & technology (ICNEST - 2014) organized by Sri Vasavi College, Erode on 14th and 15th February 2014.
2. R.Karthika has presented a paper titled **“Cluster based wireless sensor networks using M-Collector”** at the international conference on Nano electronic science & technology (ICNEST - 2014) organized by Sri Vasavi College, Erode on 14th and 15th February 2014.
3. M.Sharmila has presented a paper titled **“A concurrent intellectual vehicle for refuge in embedded systems”** at the international conference on Nano electronic science & technology (ICNEST - 2014) organized by Sri Vasavi College, Erode on 14th and 15th February 2014.
4. S.Sindhuja has presented a paper titled **“Voice customizable digital pen with MEMS for a handwritten digit”** at the international conference on Nano electronic science & technology (ICNEST - 2014) organized by Sri Vasavi College, Erode on 14th and 15th February 2014.

5. S.Rajapriya has presented a paper titled **“FPGA implementation and simulation of guided image filtering”** at the international conference on Applications of digital information and web technologies (ICADIET - 2014) organized by PRIST university, Chennai, India on 17th to 19th February 2014.
6. B.Manigandan has presented a paper titled **“An integration and operation of three phase bidirectional photovoltaic inverter with a series connected two MPPTS energy buffer”** at the international conference on recent trends in electronics and technology (ICRTET - 2014) held at Hotel the woods manor, Kerala, India. On 18th, 19th January 2014
7. S.Mariyaleepna has presented a paper titled **“A communication aid for recognitions and transition of people with severe speech impaired and speechless”** at the international conference on recent trends in electronics and technology (ICRTET - 2014) held at Hotel the woods manor, Kerala, India. On 18th, 19th January 2014
8. G.Sadhana has presented a paper titled **“Moving object tracking using Kernel based mean shift algorithm with projected analysis”** at the international conference on Recent trends in electronics and technology (ICRTET - 2014) held at Hotel the woods manor, Kerala, India. On 18th, 19th January 2014
9. S.Surya has presented a paper titled **“Automatic control system by transmission of control data over the power line communication”** at the international conference on recent trends in engineering and technology (ICRTET - 2014) held at Hotel the woods manor, Kerala, India. On 18th, 19th January 2014
10. N.Sabitha has presented a paper titled **“Advanced distributed topology control and hash chains based wireless sensor network”** at the international conference on recent trends in engineering and technology

- (ICRTET - 2014) held at Hotel the woods manor, Kerala, India. On 18th, 19th January 2014
11. P.Sathyavathy has presented a paper titled **“A low latency and dual data SDRAM memory for efficient on chip network using FPGA”** at the international conference on recent trends in engineering and technology (ICRTET - 2014) held at Hotel the woods manor, Kerala, India. On 18th, 19th January 2014
 12. V.Mathura devi has presented a paper titled **“FPGA implementation of the Advanced Encryption Standard algorithm”** at the international conference on recent trends in engineering and technology (ICRTET - 2014) held at Hotel the woods manor, Kerala, India. On 18th, 19th January 2014

Students National Conferences – 2014

1. T.Karthika has presented paper on **“Enhanced system for patient monitoring and fall detection using MEMS and Zigbee”** in National conference on recent trends in communication & networking (NCRTCEN ‘14) organized by A.R.J. College of engineering and technology, Mannargudi on 8th March 2014.
2. K.Sivash has presented a paper titled **“Video based stenography for hiding secure data”** at the national conference on recent trends in communication and networking (NCRTCEN -14) organized by Dept of ECE, ARJ college of engineering and technology, Manargudi on 8th March 2014.
3. K.Chithrakala has presented a paper titled **“Efficient fault diagnosis system for industrial machines using WSN”** at the national conference on recent trends in communication and networking (NCRTCEN -14) organized by Dept of ECE, ARJ college of engineering and technology, Manargudi on 8th March 2014.

4. S.Tamilarasi has presented a paper titled **“Design and implementation of milk quality monitoring system using silver chloride electrode ”** at the national conference on recent trends in communication and networking (NCRTCEN -14) organized by Dept of ECE, ARJ college of engineering and technology, Manargudi on 8th March 2014.
5. V.Vijayabanu has presented a paper titled **“Effective implementation of FPGA calculate train location and indicate to the user ”** at the national conference on recent trends in communication and networking (NCRTCEN -14) organized by Dept of ECE, ARJ college of engineering and technology, Manargudi on 8th March 2014.
6. K.Karthika has presented a paper titled **“An energy saving strategy constrain on wireless sensor network ”** at the national conference on recent trends in communication and networking (NCRTCEN -14) organized by Dept of ECE, ARJ college of engineering and technology, Manargudi on 8th March 2014.
7. K.Revathy has presented a paper titled **“Finite FSM based reconfigurable and customizable architecture for WSN”** at the national conference on recent trends in communication and networking (NCRTCEN -14) organized by Dept of ECE, ARJ college of engineering and technology, Manargudi on 8th March 2014.
8. U.Pradeep Shankar has presented a paper titled **“High performance security system using multimodal biometrics and stenography technique ”** at the national conference on recent trends in communication and networking (NCRTCEN -14) organized by Dept of ECE, ARJ college of engineering and technology, Manargudi on 8th March 2014.
9. R.Sivakumar has presented a paper titled **“intelligent and efficient system of controlling street light using Zigbee”** at the national conference on recent trends in communication and networking (NCRTCEN -14) organized by Dept

- of ECE, ARJ college of engineering and technology, Manargudi on 8th March 2014.
10. S.Martin Arokyaraj has presented a paper titled **“Patients privacy protection of medical image using histogram-shifting based reversible data hiding”** at the national conference on modern electronics and signal processing (NCMESP -14) organized by Dept of ECE, vels engineering college, Ambathur red hills on 14th March 2014.
 11. R.Jayalakshmi has presented a paper titled **“FPGA based implementation of an invisible robust reversible image water marking encoder for tamper proof”** at the national conference on versatility in information and communication engineering (NOVICE -14) organized by Dept of ECE, Mohamed sathak engineering college, Kilakarai on 14th March 2014.
 12. S.Jaganathan, IV ECE has presented a paper titled **“Automatic book searching technique and performance enhancement using RFID for library management system”** at the national conference on emerging trends on electrical technology 2014 organized by EASA college of engineering and technology Covai on 7th February 2014.
 13. A.Sheik Dawood, IV ECE has presented a paper titled **“Automatic book searching technique and performance enhancement using RFID for library management system”** at the national conference on emerging trends on electrical technology 2014 organized by EASA college of engineering and technology Covai on 7th February 2014.

Students International Conferences – 2013

1. Angad Kumar Baranwal, IV ECE has presented a paper titled **“Optimal resource allocation for health monitoring with patient and parameter priority using body sensor network”** at the international conference on

futuristic trends in electronics engineering organized by Thiruvalluvar College of engg & tech. Vandavasi on 07th march 2013.

Students National Conferences – 2013

1. Angad Kumar Baranwal and Piyush Priye, III ECE has Presented a paper in National level technical symposium “FANAK’13” organized by Annai mathammal sheela engineering college, Erumapatty Namakkal on 11th September 2013.
2. Sivaranjani.C and Renukadevi.R, III ECE has presented a paper in National level technical symposium “ELECTRO AVATARZ” organized by P.R. Engineering College, Vallam, Thanjavur on 20th August 2013.
3. Sivaranjani.C and Renukadevi.R, III ECE has presented a paper in National level technical symposium “ATRUMS-13” organized by Ponnaiyah Ramajayam college of Engineering and technology, Vallam, Thanjavur on 14th August 2013.
4. G.Saigeetha M.Harini B.Sudhanthira muthu G.Sailakshmi has presented a paper at the national conference organized by Shri Angalamman college of Engineering & technology, Trichy on 7th march 2013

Students National Conferences – 2012

1. Abhishek Jaiswal has presented a paper in National level technical symposium “Symposium SHOCKLEY -12” organized by PARK College of Engineering and Technology, Coimbatore on 6th & 7th September 2012
2. Sneha Paul and Arupma Manisha, III ECE has presented a paper in National level technical symposium organized by P.R. Engineering College, Vallam, Thanjavur on 18th September, 2012.

3. Sneha Paul and Arupma Manisha, III ECE has presented a paper in National level technical symposium “e-BLAST” organized by Kings College of Engineering, Thanjavur on 21st September, 2012.
4. M.Vasavi and Amalakumari, III ECE has presented a paper in National level technical symposium organized by Ponnaiyah Ramajayam college of Engineering and technology, Vallam, Thanjavur on 4th October, 2012.
5. Abhishek Jaiswal has presented a paper in National level technical symposium organized by BHARATHIYAR College of Engineering and Technology ,Karaikal on 2nd & 3rd March 2012
6. K.Priyanka and V.Saranya has presented a paper in National level technical symposium organized by Sri Manakula Vinayagar Engg college on 24&25th Feb 2012

- * Monographs - **Nil**
- * Chapters in Books-**Nil**
- * Edited Books-**Nil**
- * Books with ISBN with details of publishers

S. N	AUTHOR NAME	TITLE OF THE BOOK	PUBLICATION	YEAR
1.	Dr.S.Sundaram	Process Dynamics and Control	CENAGE Learning India Pvt Ltd, Delhi ISBN-13:978-81-315-1626-3 ISBN-10:81-315-1626-1	2011
2.	Prof.A.Rijuva na Begum	Telecommunication Switching and Networks	A.R.S Publication, Sirkali,	2010
3.	Prof.A.Rijuva na Begum	Antenna And Wave Propagation	CBA Publishers, Chennai	Under process

4.	Prof.A.Rijuva na Begum	Digital image Processing	CBA Publishers, Chennai	Under process
5.	Dr.K.V.S.S.S. S.S. Sairam	Fundamental of Electrical and Electronics Engg	Ramakrishnan Publications - 2001	Publish ed
6.	Dr.K.V.S.S.S. S.S. Sairam	Optical Communication s	Sure Publications,Hyderab ad2003	Publish ed
7.	Dr.K.V.S.S.S. S.S. Sairam	Communication Systems	Sure Publications, Hyderabad,2003	Publish ed
8.	Dr.K.V.S.S.S. S.S. Sairam	Optical Communication	Laxmi Publications, Hyderabad - 2007.	Publish ed
9.	Dr.China Venkateswarl u	Embedded Systems	M/S ANURADH PUBLICATIONS CHENNAI	Under review
10 .	Dr.China Venkateswarl u	Telecommunica tions & Networks	M/S ANURADH PUBLICATIONS CHENNAI	Under Review

* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Ulrich, Research gate etc.) : 134

* Citation Index – range / average : Yes

* SNIP :Yes

* SJR :Yes

* Impact Factor – range / average :Yes

* h-index : Nil

23. Details of patents and income generated – **Nil**

24. Areas of consultancy and income generated

Name of the Faculty	Service Offered	Beneficiary
Mrs.A.Rijuvana Begum	PCB Design	Pantech Solutions - Trichy
Ms.R.Ramya devi	IAR Embedded Workbench	Pantech Solutions - Trichy
Mr.K.Vinoth	Antenna Testing	Triple N Infotech – Trichy
Mr.C.Rajinikanth	Network Administration	V3 technologies - Thanjavur

25. Faculty selected nationally / internationally to visit other laboratories / institutions
/ industries in India and abroad

Name of the faculty	Purpose
Prof.G.Kannan	MOU
Prof.Dr.S.Audithan	MOU

26. Faculty serving in
- National committees
 - International committees
 - Editorial Boards
 - any other (please specify)

Books Reviewed by the faculty:
Dr.China Venkateswarlu

As a Journal Reviewer:

- International Conference Reviews under EDAS**

Reviewed a technical paper on “**Embedded System Design realization of Generalized Space Frequench Representation Fuzzy Logic Exponential Wigner Clutter Removal based Enhancement Algorithm**” Reviewer **Prof. S.China Venkateswarlu** notified : Onos Oluku,Editorial Assistant.International Journal of Computer and Engineering Research. : jcer.journal@gmail.com,www.academicjournals.org/JCER

Reviewed a technical paper on “ **Traffic Signal Control Based on Adaptive Neural-Fuzzy Inference System Applied to Intersection**” Reviewer **Prof. S.China Venkateswarlu** notified : Assigned June 1,2011 00:00:00 EDT for ICOS2011. -- #1569460659/by Mohammad Banat/Under the review of ta technical paper on he paper #1569460659-<http://edas.info/R.php?r=3743265>

- ✚ Reviewed a technical paper on “ **An Investigation of Femtocell Network Synchronization**” for ICOS2011. #1569461567 - <http://edas.info/R.php?r=3743169>
- ✚ Reviewed a technical paper on #1569462983 "**A Novel Fuzzy Inference Processor Using Trapezoidal-Shaped Membership Function**" for ICOS2011. June 1, 2011 00:00:00 EDT. <http://edas.info/R.php?r=3743349> —
- ✚ Reviewed a technical paper #1569460659, entitled "**Traffic Signal Control Based on Adaptive Neural-Fuzzy Inference System Applied to Intersection**", June 1, 2011 00:00:00 EDT. at <http://edas.info/R.php?r=3743265>. <http://edas.info>. Please log in as EDAS user {email}. Mohamed Rawidean Mohd Kassim, General Chair Technical Program Chair of 2011 IEEE Conference on Open Systems
- ✚ Reviewed a technical paper #1569450757 on "**Energy Evaluation of Data Aggregation and Authentication Protocol (DAA) in Wireless Sensor Networks**" for ICOS2011. <http://www.edas.info/R.php?r=3694253> of May 16, 2011 00:00:00 EDT. publication to 2011 IEEE Conference on Open Systems.
- ✚ Reviewed a technical paper on “An Algorithm for object tracking based on Adaptive triangle shape mesh estimation method” Reviewer **Prof. S.China Venkateswarlu** notified : Assigned August 8th 2008 by MC-CSC 2008 ?#1569142045/by Mohammad Banat/Under EDAS identifier **Prof. S.China Venkateswarlu,300986**/emailed:sonagiricv@gmail.com/under “**Mosharaka Interational Conference**” on **Communications,Signals and coding:SISP:Signal,Image and Speech Processing**.
- ✚ Reviewed a technical paper on “An Algorithm for object tracking based on Adaptive triangle shape mesh estimation method” Reviewer **Prof.**

S.China Venkateswarlu notified : Assigned August 8th 2008 by MC-CSC 2008 ?#1569142045/by Mohammad Banat/Under EDAS identifier **Prof. S.China Venkateswarlu,300986**/emailed:sonagiricv@gmail.com/under “**Mosharaka Interational Conference**” on **Communications,Signals and coding:SISP:Signal,Image and Speech Processing.**

PPAR Research, Volume 2008 Article ID 520465/6 pages doi: 10.1155/2008/520465/Review Article/Pioglitazone versus Rosiglita zone. “ **Effects on Lipids, Lipoproteins, and Apolipoproteins in Head-to – Head Randomized clinical studies**”. Mark A. Deeg and Meng H.Tan Received 19 March 2008, Accepted 8th June 2008./**Prof. S.China Venkateswarlu.**

As a book Reviewer

1. **As a Reviewer** –IEEE Conference on Open Systems 2011/ICOS /EDAS/ Ref: www.cs.ieceemalaysia.org/ICOS2011/Ref Name: sonagiri China,INDIA.
2. Reviewing a book on ‘**Digital Communications**’ published by **McGrew –Hill Education (India) Pvt.Ltd., / MC/SEM /321/2009 /April , 2009 /Script/ DC (YDCA)//HITS COE/Professor & In charge HOD ECE .**
3. Reviewed a book on ‘**Digital Signal Processing**’ published by **McGrew –Hill Education (India) Pvt.Ltd., / MC/SEM /093/2009 /March 16 , 2009 To 07/ 04/ 2009 /Script/ DSP (MKNDY) ///HITS COE/Professor & In charge HOD ECE ..**
4. Reviewed a book on ‘**Digital Communications**’ published by **McGrew – Hill Education (India) Pvt.Ltd /HE/124/06/Dec21, 2006 during June 2007. 2006-Dt/12/01/2007/Bo ok Review/DC/CMRCET/Associate Professor /DC/2007.**
5. Reviewed a book on ‘**Digital Signal Processing**’ published by **Pearson Education SJ/HE/124/06/Dec21, 2006 during June 2007. 2006-**

**Dt/12/01/2007/Book Review/DSP/CMRCET/Associate professor /SJ
CCDC/2007.**

Guest Lecture by the faculty

S.No	Faculty Name	Event	Place	Year
1.	Dr.K.V.S.S.S.S.S.Sairam	Guest Lecture on Recent Trends in Optical Communications,	IEEE Students Branch, ECE Department, NIT WARANGAL, A.P.State, INDIA.	2005
2.	Dr.K.V.S.S.S.S.S.Sairam	Guest Lecture on Internetworking Design by Using FOST	IEEE –CS Chapter, CSE Department, Osmania University, Hyderabad, A.P.State, INDIA.	2005
3.	Dr.K.V.S.S.S.S.S.Sairam	Guest Lecture on Recent Trends in Optical Communications	SBIT, Khammam, Andhra Pradesh, India.	2006
4.	Dr.K.V.S.S.S.S.S.Sairam	Guest lecture on Future Technology – An Overview.	S.R.K Engg College, Chennai, Tamilnadu State, INDIA.	2010
5.	Mrs.A.Rijuvana Begum	Guest Lecture – Antenna & Wave Propagation	ARJ Engineering College	2010
6.	Mrs.A.Rijuvana Begum	Guest Lecture – Radiation Systems	Sri Angalamman College of Engg. & Tech.	2011
7.	Mrs.A.Rijuvana Begum	Guest Lecture – Digital Image Processing	P.R.Engineering College	2012

8.	Mrs.A.Rijuvana Begum	Chief Guest – Inauguration of ECE association	Sri Angalamman College of Engg. & Tech.	2012
9.	Mrs.A.Rijuvana Begum	Chief Guest – Technical Symposium	Sri Angalamman College of Engg. & Tech.	2013
10	Mrs.A.Rijuvana Begum	Guest Lecture – Optical Communication Networks	Sri Angalamman College of Engg. & Tech.	2014
11	Mrs.A.Rijuvana Begum	Guest Lecture- Image Segmentation & Compression	Annai College of Engineering, Kumbakonam	2015

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Title of the programs	Date
National Program on Technology Enhanced Learning (NPTEL) -IIT Madras	12.4.13
Quality Improvement Program on Instructional Design & Design Delivery systems (NITTR)	30.01.12 - 04.02.12
Workshop on High Impact teaching Skills (Wipro Mission)	10.01.11 – 12.01.11
Quality Improvement Program on Instructional Design & Design Delivery systems (NITTR)	07.01.09- 09.01.09

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects – **89%**
- percentage of students doing projects in collaboration with other / industry / institute – **11 %**

29. Awards / recognitions received at the national and international level by

- Faculty

Dr.Cina Venkareswarlu

- Recipient of “**BEST TEACHER AWARD**” from **CMRCET – HYDERABAD**) Academic year **2006 –2007**.

Dr.S.Sundaram:

- Best Project Award by the Directorate of Technical Education
- Journal Paper titled ‘Interplay of polyethylene mine molecular weight and oligonucleotide backbone chemistry in the dynamics of antisense activity’ Nucleic Acids Research volume 35, issue 13, year 2007, pp. 4396 – 4408 publication cited in a journal published by Elsevier.
- Life Member of New York Academy of Sciences.
- Life Member of American Society for Engineers.

Dr.S.Audithan:

- Student Fellowship Award
- Member in IA ENGG
- Member in IASCIT
- Doctoral / post doctoral fellows **Nil**
- Students

Name	Award	Awarded By
Angad Kumar Barnawal	Campus Ambassador	Innovians Technologies
Pintu kumar (21082210185) Swarnim shrivastava (21082210293)	II PRIZE in Project Exhibition (PRGSTTI)	PRIST University 7-9.10.10
Adarsh anad	I Prize-LRAMP My Idea Programme	PRIST University (20.02.2009)
S.Karthiga	Best Paper Award	VEL TECH University (NCCCEE 2014)
Angad Kumar Barnawal, Piyush Priye & S. Balakrishnan	Selected for Publication in Annexure –II, Anna University Journals (Smart Ticket Booking and	Vetri Vinayaha College of Engg & Tech, Thottiam, (ICEAS 2105) (28.02.2015)

	Intelligent Passenger Identification system in Railways using DIP and GSM Receiver	
S.Vigneswar	Automatic water Tank Control.	Funded by PRIST University (Rs-6000)
M.Sathyaperumal	Zero Budget Agriculture	23,000/ Govt of India 22.03.2011

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Title of the program	Funding Organization	Date	Number of Participants
CSIR Sponsored Workshop on “ Process Modeling & Simulation”	CSIR	21.11.12 & 22.11.12	35

31. Code of ethics for research followed by the departments

1. Research Data and Records

- a. Research workers must comply with the University’s ‘Policy on the Management of Research Data and Records’ and related policies that may be promulgated from time to time. This policy includes, but it is not limited to, the following requirements -
 - i. data and records should be accurate, complete and in sufficient detail to enable verification of research results and to reflect what was communicated, decided or done;
 - ii. data (including electronic data) must be recorded in a durable and retrievable form, be appropriately indexed and comply with relevant protocols;
 - iii. data must be retained intact for a period of at least five years from the date of any publication which is based upon or longer than this if discussion of results continues, if there are regulatory or sponsor requirements, or if the data has historical or archival value;

- iv. a research unit or department must establish procedures for retention of data and maintain a register of the data and records and their location; data and records will normally be kept in the department or unit where the research was conducted;
- v. data forming the basis of publications must be available for discussion with other research workers; where confidentiality provisions apply, the data should be kept in a way that allows reference by third parties without breaching confidentiality; and
- vi. when data are obtained from limited access data bases, or via a contractual arrangement, written indication of the location of the original data, or key information regarding the database from which it was obtained, must be retained by the research worker or research unit

2. Authorship

- a. For a person to be recorded as an author of a publication requires that he or she is directly involved in the creation of the publication by -
 - i. conceiving it, analysing and interpreting the data on which it is based;
 - ii. writing or revising the intellectual content; and
 - iii. giving final approval of the version to be published
- b. The right to authorship is not tied to position or profession; ghost, gift, or honorary authorship is unacceptable. Authorship should honestly reflect the contribution to the work being published. Participation solely in the acquisition of funding or the collection of data is not sufficient for a person to be attributed as an author of a publication.
- c. Any part of an article critical to its main conclusion must be the responsibility of at least one author.
- d. An author's role in a research output must be sufficient for that person to take public responsibility for at least that part of the output in that person's area of expertise.
- e. No person who is an author, consistent with this definition, may be excluded as an author without their permission in writing.
- f. When there is more than one co-author of a research output, one co-author (by agreement amongst the authors) should be nominated as executive author for the purposes of administration and correspondence and when there is more than one co-author of

a research output, the authors should discuss and reach agreement on the order in which authors shall be listed.

- g. Other persons who contributed to the work who are not authors should be named in Acknowledgements (where the publisher provides for this, and in a manner consistent with the norms of the research field or discipline). An author must ensure that the work of research students, research assistants and technical officers is recognised in a publication derived from research to which they have made a contribution.
- h. Research workers must comply with authorship criteria appropriate to their discipline, and/or according to the requirements of the journal their work is to be published in.

3. Publications

- a. Publication of more than one paper based on the same set(s) or subset(s) of data is not acceptable, except where each subsequent paper fully cross-references and acknowledges the earlier paper or papers as the case may be (for example, in a series of closely related work, or where a complete work grew out of a preliminary publication and this is fully acknowledged).
- b. An author who submits substantially similar work to more than one publisher must disclose this to the publishers at the time of submission.
- c. Publications must include information on the sources of financial support for the research and must include a disclosure of any potential conflicts of interest. Financial sponsorship that carries an embargo on such naming of a sponsor should be avoided.

4. Supervision of Students Undertaking Research

Supervision of research higher degree students must be carried out in accordance with the Supervision of Research Higher Degree Students Policy.

5. Conflict of Interest

- a. A research worker has a conflict of interest in any circumstances where that person has a real, perceived or potential opportunity to prefer their own interests, or those of any other person or organisation, to the interests of the University. Examples of conflicts of interest in research include but are not limited to situations -
 - i. where the research is sponsored by a related body;

- ii. where the researcher or a related body may benefit, directly or indirectly, from any inappropriate dissemination of research results (including any delay in or restriction upon publication of such results);
- iii. where the researcher or a related body may benefit, directly or indirectly, from the use of University resources;
- iv. where the researcher conducts a clinical trial which is sponsored by any person or organisation with a significant interest in the results of the trial.
- v. where private benefits or significant personal or professional advantage are dependent on research outcomes

A related body is any person or body with which the researcher has an affiliation or a financial involvement.

A financial involvement includes a direct or indirect financial interest, provision of benefits (such as travel and accommodation) and provision of materials or facilities.

An indirect financial interest is a financial interest or benefit derived by the researcher's relatives, personal or business associates, or research students.

It is important to recognise that real or perceived opportunities to give preference to personal interests arise from competing obligations and can be other than financial.

- b. The responsibility for managing a conflict of interest rests, in the first instance, with the individual.
 - i. A research worker must make a full disclosure of a conflict of interest or of circumstances that might give rise to a perceived or potential conflict of interest as soon as reasonably practicable as follows -
 - A. where the research worker is a head of department, to the dean of the relevant faculty;
 - B. where the research worker is a dean of a faculty, to the deputy vice-chancellor (research);
 - C. in all other cases, to the research worker's head of department.

For the conduct of clinical trials, full disclosure

must include the nature of the sponsorship and the relationships between the sponsor, trial subjects and the clinical investigator.

- c. Disclosures shall be handled as follows -
 - i. the officer in receipt of the disclosure referred in paragraph (i) above must discuss the matter with the staff member concerned determine a procedure for the management or elimination of the conflict of interest. The procedure must be documented and the research worker advised in writing and a copy of the agreement held in the department's records.
 - ii. a research worker must comply with the direction of the officer referred to in section 5 (e)(i) above in relation to the management of the conflict of interest.
 - iii. unless involved directly, it is the responsibility of heads of departments to ensure that conflicts of interest in research involving their staff members are managed appropriately.
 - iv. when a head of department has a conflict of interest in research, the dean of the faculty will be responsible for recommending to the deputy vice-chancellor (Research) appropriate management arrangements.
 - v. when a dean of faculty has a conflict of interest in research, the deputy vice-chancellor (Research) will be responsible for recommending to the vice-chancellor appropriate management arrangements.
- d. ahead of department must not be a director of any organisation sponsoring research in that department or have a direct or indirect financial interest in excess of 5% equity in such an organisation unless full disclosure has been made and the vice-chancellor has approved an exception to this policy.
- e. the deputy vice-chancellor (Research), when deciding whether to accept sponsored research or contract research funding on behalf of the University, may seek information regarding disclosure and management of any conflict of interest that may result.

6. ADDITIONAL REQUIREMENTS

- a) Any special standards of work performance and ethical conduct imposed by law or by the University in relation to particular categories of research are deemed to be included in this code in its application to persons engaged in that kind of research in the University. These include that

where research procedures are of a kind requiring approval by a human or animal ethics committee, gene technology and biosafety Committee or by a safety or other validly constituted regulatory committees, research must not proceed without such prior approval.

- b) Research workers should endeavour to safeguard the interests of all parties in relation to intellectual property in accordance with the Intellectual Property Statute of the University and other guidelines as may be promulgated from time to time.
- c) Every research worker should be provided with access to material on applicable institutional guidelines for the conduct of research, including those covering ethical requirements for studies on humans or animals, requirements for confidentiality, and occupational health and safety matters.
- d) Academic staff must make a declaration as part of their annual reporting requirements that they have complied with the provisions of the code.

7. RESEARCH MISCONDUCT

- i. Research misconduct is constituted by a failure to comply with the principles or specific provisions of the code and includes but is not limited to conduct in, or in connection with, research that is (a) dishonest, reckless or negligent and (b) seriously deviates from accepted standards within the scientific and scholarly community for proposing, conducting or reporting research, such as following, includes -
 - a. the fabrication or falsification of data or results,
 - b. the use of another person's ideas, work or data without appropriate acknowledgement,
 - c. misleading ascription of authorship to a publication including the listing of authors without their permission, attributing work to people who have not in fact contributed to the publication, the lack of appropriate acknowledgement of work primarily produced by a research student/trainee or associate, and
 - d. failure to disclose conflicts of interest or cases where a conflict of interest might reasonably be perceived to exist.
- ii. Allegations of misconduct in research by students will be dealt by Student Academic Discipline Committee

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
2010 – 2014 (B.Tech ECE)	45	34	07	87%	58%
2011 – 2015 (B.Tech ECE)	49	30	13	85%	92%
2012 – 2016 (B.Tech ECE)	26	17	07	89%	100%
2013 – 2017 (B.Tech ECE)	13	06	06	100%	85%
2014-2018(B.Tech ECE)	12	02	06	40%	85%
2015-2019(B.Tech ECE)	25	14	08	93%	80%
2010- 2012 (M.Tech Com.Sys)	15	7	8	100%	100%
2011 – 2013 (M.Tech Com.Sys)	24	15	9	100%	100%
2012 - 2014 (M.Tech Com.Sys)	22	10	12	100%	100%
2013 - 2015 (M.Tech Com.Sys)	22	8	14	100%	100%
2014 – 2016 (M.Tech Com.Sys)	6	2	4	100%	100%
2014 – 2016 (M.Tech Com.Sys)	2	1	1	100%	100%

33.Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
2010 – 2014 (B.Tech ECE)	-	56%	44%	-
2011 – 2015 (B.Tech ECE)	-	46%	54%	-
2012 – 2016 (B.Tech ECE)	-	79%	16%	4%
2013 – 2017 (B.Tech ECE)	-	58%	33%	8%
2014-2018 (B.Tech ECE)	-	88%	12%	-
2015-2019 (B.Tech ECE)	-	-	-	-
2010- 2012 (M.Tech Com.Sys)	-	100%	-	-
2011 – 2013 (M.Tech Com.Sys)	-	100%	-	-
2012 - 2014 (M.Tech Com.Sys)	-	100%	-	-
2013 - 2015 (M.Tech Com.Sys)	-	100%	-	-
2014 – 2016 (M.Tech Com.Sys)	-	100%	-	-
2015 – 2017 (M.Tech Com.Sys)	-	50%	-	50%

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.
1. Shashank Dwivedi, selected in 9th position for selection Centre , Central Bhopal,33 Services Selction Board (2013).
 2. Shashank Dwivedi, selected in 4th position for selection Centre, South Bangalore(2014).
35. Student progression

Student progression	Percentage against enrolled
UG to PG	2008 – 12 batch – 15 % 2009 – 13 batch – 10 % 2010 – 14 batch – 11 % 2011 - 15 batch - 8%
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed <input type="checkbox"/> Campus selection <input type="checkbox"/> Other than campus recruitment	2008 – 12 batch – 65 % 2009 – 13 batch – 60 % 2010 – 14 batch – 68 % 2011 – 15 batch – 42 %
Entrepreneurs	2008 – 12 batch – 3 % 2009 – 13 batch – 8 % 2010 – 14 batch – 5 % 2011 – 15 batch – 2 %

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	35%
from other universities within the State	55 %
from universities from other States	10%
from universities outside the country	-

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period - **Nil**

38. Present details of departmental infrastructural facilities with regard to

a) Library

Department Library	No. of titles	203
	No. of Volumes	385

b) Internet facilities for staff and students – Yes. 8 Mbps connectivity with BSNL leased lines and Wi Fi Campus.

c) Total number of class rooms

S.No	DETAILS OF REQUIREMENT	Total Nos / Area
1	CLASS ROOMS (UG)	03
2	CLASS ROOMS (PG)	02
3	TUTORIAL TOOMS (UG)	04
4	TUTORIAL TOOMS (PG)	02
LABORATORIES (UG)		
5	Electronic Circuits & Digital Lab	66 sq.m
6	Electronic Circuits – II & Simulation Lab	66 sq.m
7	Microprocessor Lab	66 sq.m
8	Linear Integrated circuits lab	66 sq.m
9	Digital Signal Processing Lab	66 sq.m
10	Networks and Communication Lab	66 sq.m
11	Microcontroller and Embedded System Lab	66 sq.m

12	Optical Communication and Microwave Lab	66 sq.m
13	VLSI Design Lab	66 sq.m
LABORATORIES (PG)		
14	Communication Systems Lab - I	66 sq.m
15	Communication Systems Lab - II	66 sq.m
16	LIBRARY & READING ROOM	Available
17	SEMINAR HALL	Available
SOFTWARES AVAILABLE		
18	Orcad	
19	Mat-lab	
20	Code Composer Studio	
21	Vi Debugger VSK C5416	
22	L-Sim	
23	Multi-sim	
24	D-link Wireless Connection Manager (W-LAN)	
25	Xilinx – ISE/SSE	
26	IAR Embedded Workbench	
27	Keil μ vision4	
28	Flash Magic	

d) Class rooms with ICT facility –Yes

e) Students' laboratories **UG – 8 Labs PG – 2 Lab**

f) Research laboratories - **Yes**

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university

S.No	Name of the Student
1	Mrs. A.Rijuvana Begum
2	Mr. G.Kannan

b) from other institutions/universities **Nil**

40. Number of post graduate students getting financial assistance from the university

1. A.Kiruthika - M.Tech Communication Systems (2012-14 batch)

2. S.Thiyagesh - M.tech Communication Systems (2013 -15 batch)
3. S.Aparna - M.Tech Communication Systems (2013 -15 batch)
4. M.Gowri - M.Tech Communication Systems (2013 -15 batch)
5. S.Purnima- M.Tech Communication Systems (2013 -15 batch)
6. S.Dharma Samvardhini- M.Tech Communication Systems (2014 -16 batch)

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Yes. Feedbacks from alumini, Outgoing students, Parents, Industrialist, Academicians, Employers , Teaching faculty and discussed in the Board of Studies (BOS) meeting held every year.

42. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
 - Yes , For designing and revising the curriculum based on the feedback through board of studies meeting.
- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
 - To improve Teaching and Learning.
- c. Alumni and employers on the programmes offered and how does the department utilize the feedback?
 - Yes, For designing and revising the curriculum to make the graduates that ensures employable and globally competent.

43. List the distinguished alumni of the department (maximum 10)

S.NO	NAME OF THE STUDENT	POSITION HELD	ORGANIZATION
1.	Rajan Kumar Singh	Assistant Project Manager	Gail India Ltd, Noida
2.	NamanJain	Software Er-R&D	ERICSSON, Newdelhi
3.	Santosh Kumar Mahto	Senior Programmer	IBM Chennai
4.	Sudhanshu Kumar	System Programmer	CELKON,Noida

5.	Sanaullah Ahmad Rizvi	System Programmer	CELKON,Noida
6.	Abhishek Kunal	System Administrator	HCL,Bangalore.
7.	Romila	Project Assistant	Pollaris, Chennai
8.	Sneha Paul	System Programmer	HCL Chennai.
9.	Sagarika Biswal,	System Programmer	IBM Bangalore
10.	Peruru Pradeep	System Programmer	TCS,Hyderabad
11.	Abhishek Jaiswal	Assistant System Engineer-Trainee	TCS,Chennai
12.	Shashank Dwedi	software engineer	HCL Technologies
13.	S.Jagannathan	Associate Software Engineer.	MphasiS,Chennai
14.	Anitha	System Programmer	TCS,Chennai

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Date	Name of the Event	Resource Person
21& 22 Nov' 2012	CSIR Sponsored Workshop on “ Process Modeling & Simulation”	Mr. S.Subramaniam, Chairman, CUB,Kumbakonam, Dr.S.Sundaram, Director,ECE
13 th Aug 2015	A National Level Technical Symposium – Vidhyut 2K15	Mr.A.R.Syed Arif Managing Partner, Five Star Industries, Pudukkottai.
26 th Aug 2015	Workshop on Android App development	Mr.Thamarai Selvam ISYSWAY Technologies, Thanjavur
01 st Jul 2015	Workshop on Introduction to Arduino Board	Mr.N.Pandidurai Technical Sales Engineer – TENET Technologies
20 th Jun 2015	Seminar on Introduction to Software Defined Radio (SDR)	Mr.N.Pandidurai Technical Sales Engineer – TENET Technologies
31 st Aug 2013	NCIRET(National Conference On Innovations in Research &Engineering Technology) 2013	
29 th Aug 2013	VIDHYUT-2013- Seminar on Patent Registration Procedure	Mr.R.Kannan, Management Consultant Trichy
15&16	Web Hosting & Web	Mr.Stephan Raj, Director, ADS E-

March 2013	Development''	Park,Chennai
21 st Feb 2013	Seminar on Present Scenario of IT Industries	Mr.Serv Saravanan, Vice President and Managing Director, EMC Corporation, Bangalore
20 th Feb 2013	Seminar on Semiconductor Devices & Solar Cells	Dr. Shizuyasu Ochiai, AICHI Institute of Technology, Japan
30 th Jan 2013	Seminar on Web designing	Mr.S.Edward Packiaraj,Casual Compirer,All India Radio, Trichy
13 th Aug 2012	Seminar on Embedded Systems	Mr. Manohar Umapathi, Ampleway Solutions, Andra Pradesh
14 th Mar 2012	Seminar on Embedded Systems	Prof. P. Alagaraj, Mookambigai College of Engg, Trichy.
24 th Sep 2011	Seminar on Satellite Communication	N.S.Pradeep, Asst Professor, Anna University, Trichy
8 th Mar 2011	Seminar on Network Security & Management	Mr.Swapan Purkait,Founder , Net Tech Pvt Ltd,Chennai
1 st Mar 2011	Antenna & Wave Propagation	S.Jana, Assoc. Professor, Mookambigai College of Engg, Trichy.
21 st Feb 2011	Seminar on Digital Communication	Prof.N.Pradeep/AP/ECE, ANNA UNIVERSITY,TRICHY
23 rd Oct 2010	Seminar on Advanced Instrumentation	Mr.Arun Balaji, Assoc. Professor, AVC College of Engg., Mayiladudurai.
2 nd Oct 2010	Seminar on Network Security	Mr. Velmurugan,Assoc. Prof, Kings College of Engg,Thanjavur
30 th Sep 2010	Seminar on 3G Spectrum(Electrotide- 10)	Mr.Sivashankaran, SDE,BSNL,Thanjavur
29 th Jun 2010	Seminar on Multisim & Ultiboard	Mr.Subramanian, CRANES Software, Bangalore
30 th Sep 2009	Seminar on Mobile Communication-Electrotide-09	Mr.Gunasekaran ,SDE,BSNL ,Thanjavur
17 Aug 2009	Seminar on Fiber Optic Communication System	Dr.S.Mohan, Scientist,R&D
25-28 Feb 2009	ICOPNAC(International Conference On Photonics Nanotechnology And Computer Application) 2009	-

45. List the teaching methods adopted by the faculty for different programmes.
- Project based Learning
 - PowerPoint Presentations
 - I C T Enabled Teaching
 - Web Tools and techniques
 - Webinars
 - Tutorials, Seminars and Challenging Assignments

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Objective Evaluation:

- The evaluation processes to achieve educational objectives are based on the input from alumni and industries.
- These inputs are considered by the members of board of studies on part of the curriculum revision.
- These recommendations are implemented by the vital steps taken by internal mechanisms.

Outcome Assessment:

- The program outcome assessment involves the exploitation of tools like internal assessment, feedback survey and a series of action taken during the academic cycle.
- The Board of studies members meet annually to review the inputs from various surveys and also provide their own recommendations for program improvement.

47. Highlight the participation of students and faculty in extension activities.

➤ **YES**

- **National Service Scheme (NSS)**
- **Student outreach programme**

48. Give details of “beyond syllabus scholarly activities” of the department.

➤ **Yes**

- **Research related projects**
- **Project beyond curriculum**
- **Workshop**
- **Seminars and Symposium**
- **Guest lectures**

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

- **ISO 9001:2008 Certification**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The department courses comprises of various applied engineering specializations with the diversity of faculties in emerging areas such as Communication Systems, VLSI Design, Optical and Microwave Engineering, Embedded System Design and Applied Electronics etc. Bio-signal processing, Image processing, Modelling and Simulation, FPGA implementation and Signals Processing or other domains of expertise in the department. Also the department majorly focuses and is imparting knowledge in applied engineering domains like Network Security, Signal and Image processing for disease diagnosis, industrial monitoring and control.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

1.1 Strengths

- The department laboratory is well – equipped with state of the art infrastructure facilities.
- The curriculum is flexible for the students as it offers skill based and choice based elective courses for the enhancement of the student's thirst for academic excellence.
- Regular development programmes such as workshops, seminar and symposium are organized by the department for the benefit of students and staffs.

1.2 Weaknesses

- Few young faculties are yet to pursue their doctoral programmes.
- Rural setting

- Lack of awareness about the quality of education offered here
- Multiple diversion among the students in problem oriented subjects.

1.3 Opportunities

- To promote Technology – enhanced Learning IT tools are efficiently utilized by the stake holders and facilitators.
- Attracts international students to the department and thus giving the university an international exposure.
- The research outcomes are motivated towards the development of societal benefits.

1.4 Challenges:

- Developing patent culture in the department and encouraging faculty to apply for patents.
- Generating research funds to the department.
- Training the younger faculty in pedagogy.

52. Future plans of the department.

- Introduction of M.Tech. course on MEMS and Automation.
- Introduction of integrated M.Tech and MBA Courses.
- To extend the consultancy Services to MNC's & Social Forum.
- Proposed to enhance MOU with national and international bodies.
- Append Semester Abroad Programs (SAP) to the current program.

MECHANICAL ENGINEERING

1. Name of the Department : Mechanical Engineering
2. Year of establishment B.Tech : 2008
Year of establishment M.Tech : 2008
3. Is the Department part of a School/Faculty of the university? : school of Engineering and Technology
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

UG: B.Tech-Mechanical Engineering.
PG: Manufacturing Technology
PhD: Mechanical Engineering
5. Interdisciplinary programmes and departments involved- **NIL**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. :
Rane India pvt ltd, Spic Industries And Jamna Automotives (Sandwich course)
7. Details of programmes discontinued, if any, with reasons : --Nil
8. Examination System: Annual/Semester/Trimester/Choice Based
Credit System: **Semester system & Choice based credit system.**
9. Participation of the department in the courses offered by other departments:

S.No	Name of the course	Branch
01	Engineering Graphics	CSE,ECE, CIVIL
02	Basics of mechanics & Mechanical Engineering	CIVIL
03	Industrial safety	CSE,ECE&CIVIL

10. Number of teaching posts sanctioned, filled and actual
(Professors/ Associate
Professors/ Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	2	2	
Associate Professors	2+1	3	
Asst. Professors	11+2	13	
Other	-	-	

- 11.Faculty profile with name, qualification, designation, area of
specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil students guided for the last 4 years
Dr.M.Narayana Rao	M.E.,Ph.D	Professor	Production Engg	49	8(Ph.D)
Dr.P.Sengottuvel	M.E.,Ph.D	Professor	Machining	16	
Dr.P.Murugesan	M.E.,Ph.D	Associate Prof	Production Engg	13	6(Ph.D)
Dr.S.Jaya krishna	M.tech Ph.D	Associate Prof	Manufacturing	16	
Dr.J.Chandra dass	M.E.,Ph.D	Associate Prof	Material science	8	3(Ph.D)
M.Abdul Ghani khan	M.E	Asst.Prof	Manufacturing	15	
R.Tamil Selvan	M.E	Asst.Prof	Thermal	15	
P.Vijaya kumar	M.E.,	Asst.Prof	Thermal Power	15	
S.Dhuneskodi	M.E	Asst.prof	Thermal	10	

P.Renukadevi	M.tech	Asst.Prof	Manufacturing	10	
D.George oliver	M.E	Asst.Prof	Manufacturing	05	
V.Kalaiyaran	M.tech	Asst.Prof	Manufacturing	10	
M.Sudhakar	M.E	Asst.Prof	Manufacturing	5	
G.Giridharan	M.E	Asst.Prof	ENGG DESIGN	5	
TTM.Kannan	M.tech	Asst.Prof	Manufacturing	5	
M.Manickam	M.E	Asst.Prof	CAD/CAM	3	
M.Srinivasan	M.E	Asst.Prof	Thermal	2	
R. Vijayaragavan	M.E	Asst.prof	Manufacturing	1	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

Position	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Visiting Fellows	Dr.M.Senthil kumar	M.E., Ph.D	Associate Prof	Metallurgy	15 Yrs	4
Adjunct Faculty	Dr.D.Vincent H wilson	M.E,Ph.D	Professor	IC Engines	26	4
Emeritus professors	Dr.K.JeyaChandran	MSc(Engg) ,Ph.D	Professor	Thermal Engg	43 Yrs	15
Emeritus professors	Dr.M.Narayana Rao	M.E.,Ph.D	Associate Prof	Production Engg	49 Yrs	8

13. Percentage of classes taken by temporary faculty - programme-wise information:

NIL

14. Programme-wise Student Teacher Ratio: **UG Course 15:1,PG Course 12:1**

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :

Academic Supporting Staff	Sanctioned	Filled
Technical	5	5
Administrative staff-Clerical	2	2
Administrative staff-Attender	1	1

16. Research thrust areas as recognized by major funding agencies :

Manufacturing technology

Micro Factory

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received:

Project Title	Name of the Funding Agency	Research fund applied	Name of the principal Investigator	Status of funding
Development of automated micro factory for sustainable manufacturing system	Science and Engineering research board New Delhi-1	Rs 10,00,000 (Research fund)	Mr.TTM.Kannan Asst.Professor Mr.S.Giri dharan Asst.Professor	Under Review
Design and development of portable table top friction	Tamilnadu State Council for Science and	Rs 10,000 (UG project)	Mr.TTM.Kannan Asst.Professor	Under process

welding machine	Technology, DOTE Campus, Chennai 600 025			
Development of portable high speed nano grinding machine	Tamilnadu State Council for Science and Technology, DOTE Campus, Chennai 600 025	Rs 10,000 (UG project)	Mr.S.Giridharan Asst.Professor	Under process
Development of micro factory for mechanical industry Using MEMS	Institution of Engineers Kolkatta	Rs 50,000 (UG Project)	Mr.TTM.Kannan Asst.Professor	Under process

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration - **Nil** b) International collaboration - **Nil**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. :

The Institution of Engineers (India)	- Under
review process	
Science and Engineering research board	- under
review process	

Tamilnadu State Council for Science and Technology - Under review process

20. Research facility / centre with

- ✓ state recognition
- ✓ national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies : **Nil**

22. Publications:

* Number of papers published in peer reviewed journals (national / international) :

National journal	International journal	National conference	International conference
18	58	37	30

S. No	AUTHOR'S NAME	TITLE	YEAR AND ISSUE	JOURNAL NAME	IMPACT FACTOR
1.	P.VIJAYAKUMAR TTM.KANNAN	OPTIMIZATION OF BORING PARAMETERS OF AISI 410 BY DESIGN OF CONCEPT.	10&2015	INTERNAL JOURNAL OF APPLIED ENGG RESEARCH	1.80 (SCOPUS)
2.	TTM.KANNAN M.MELWIN	HEAT GENERATION ANALYSIS AND PROCESS PARAMETERS OPTIMIZATION OF OHNS STEEL RODS	10&2015	INTERNAL JOURNAL OF APPLIED ENGG RESEARCH	1.80 (SCOPUS)
3.	TTM.KANNAN P.MARIMUTHU	OPTIMIZATION OF FRICTION WELDING PARAMETERS OF AA6082 MINIATURE OF WELDED JOINTS	10&2015	INTERNAL JOURNAL OF APPLIED ENGG RESEARCH	1.80 (SCOPUS)

4.	TTM.KANNAN P.MARIMUTHU	DEVELOPMENT OF TABLETOP MICROFACTORY FOR SUSTAINABLE MANUFACTURING SYSTEM	10&2015	INTERNAL JOURNAL OF APPLIED ENGG RESEARCH	1.80 (SCOPUS)
5.	TTM.KANNAN S.GIRIDHARAN	EXPERIMENTAL ANALYSIS ON DEFORMATION OF 6061-T6-ALUMINIUM BRACKET USING FEM	10&2015	JOURNAL OF MANUFACTURING ENGINEERING	1.90
6.	TTM.KANNAN B.HARIKRISHNAN	EVALUATION OF MECHANICAL PROPERTIES OF ALUMINIUM METAL MATRIX COMPOSITES	3&2015	INTERNATIONAL JOURNAL OF RESERACH IN MECHANICAL ENGINEERING	1.20
7.	TTM.KANNAN P.MARIMUTHU	EXPERIMENTAL INVESTIGATION OF UNCOATED TOOL INSERT	10&2015	INTERNAL JOURNAL OF APPLIED ENGG RESEARCH	1.80 (SCOPUS)
8.	P.MARIMUTHU TTM.KANNAN	EVALUTION OF HARDNESS AND TENSILE STRENGTH OF MICROSPOT WELDED JOIN ON DIFFERENT MATERIAL	10&2015	INTERNATIONAL JOURNAL OF APPLIED ENGG RESEARCH	1.80 (SCOPUS)
9.	TTM.KANNAN R.TAMIZH SELVAN	PRODUCT ANALYSIS AND STRESS ANALYSIS OF PROCESS PIPING ROUTING	4&2015	INTERNATIONAL JOURNAL OF MECHANICAL ENGG AND ROBOTIC RESEARCH	1.20
10.	K.NEDUMARAN TTM.KANNAN	OPTIMZATION OF BALL END MILLING PARAMETERS OF AISI-4340 STEEL USING METRODOLOGY	2&2015	INTERNATION JOURNAL OF INFORMATION RESEARCH AND REVIEW	1.23
11.	TTM.KANNAN B.SIVAPRAKASH	EXPERIMENTAL INVESTIGATIOTOOL OF HEAT PARTION TOOL WEAR AND TOOL LIFE IN HARD TURNING OF AISI-316 STEEL	3&2014	INTERNATIONAL JOURNAL OF MECHANICAL ENGG AND ROBOTIC RESEARCH	1.20
12.	S.GIRIDHARAN	OPTIMIZATION OF	2&2014	INTERNATIONAL	1.20

	P.VIJAKUMAR	DRILLING PARAMETERS OF EN-8 STEEL PLATES USING TAGUCHI METHODOLOGY		JOURNAL RESEARCH IN MECHANICAL ENGINEERING	
13.	S.GIRIDHARAN P.VIJAYAKUMAR	STUDY AND OVERVIEW ABOUT PROCESS FAILURE MODE EFFECT ANALYSIS ON AUTOMOTIVE TIMING CHAIN	2&2014	INTERNATIONAL JOURNAL RESEARCH IN MECHANICAL ENGINEERING	1.20
14.	TTM.KANNAN P.VIJAYAKUMAR	OPTIMIZATION OF TURNING PARAMETERS OF EN-8 STEELCYLINDRICAL ROD USING TAGUCHI METHOD	3&2014	INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING AND ROBOTICS RESEARCH	1.20
15.	TTM.KANNAN P.VIJAYAKUMAR	OPTIMIZATION OF MICRO MILLING PARAMETERS OF AL 6082 BY ANOVA METHODOLOGY	3&2014	INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING AND ROBOTICS RESEARCH	1.20
16.	P.VIJAYA KUMAR TTM.KANNAN	EVALUATION OF MECHANICAL PROPERTIES OF FRICTION WELDING PROCESS OF EN-24 RODS.	3&2014	INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING AND ROBOTICS RESEARCH	1.20
17.	M.SUTHAGAR S.GIRIDAHARAN	OPTIMIZATION OF DRILLING PARAMETERS ON AISIS-316 USING TAGUCHI METHODOLOGY	3&2014	INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING AND ROBOTICS RESEARCH	1.20
18.	TTM.KANNAN P.VIJAYAKUMAR	OPTIMIZATION OF TURNING PARAMETERS OHNS STEEL RODS USING TAGUCHI METHODOLOGY	3&2014	INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING AND ROBOTICS RESEARCH	1.20
19.	R,PRATHEEPAN M.MANICKAM	EFFECT OF AEROFOIL THICKNESS OVER PRESSURE DISTRIBUTION IN	3&2014	INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING AND ROBOTICS	1.20

		WIND TURBINE BLADE		RESEARCH	
20.	MELWIN.M M.ABDUL GHANI KHAN	OPTIMIZATION OF CYLINDRICAL GRINDING PARAMETERS OF OHNS STEEL RODS USING DOE CONCEPT	17&2014	INTERNATIONAL JOURNAL OF ENGINEERING TRENDS AND TECHNOLOGY	1.56
21.	C.PARTHASARATHY S.ANAND	ANALYSIS OF MULTI CYLINDER CRANKSHAFT FOR IC ENGINE	5&2014	INTERNATIONAL JOURNAL OF RECENT SCIENTIFIC RESEARCH	1.10
22.	K.SENTHIL KUMAR M.SIVA SHANGARI	NUMERICAL SIMULATION OF FRICTION STIR BUTT WELDING PROCESS FOR A291 MAGNESIUM ALLOY	3&2014	INTERNATIONAL JOURNAL OF RESEARCH IN ENGG AND TECHNOLOGY	1.23
23.	K.MEKALA J.CHANDRADAS	OPTIMIZATION OF CYLINDRICAL GRINDING PARAMETERS OF AUSTENTIC STAINLESS STEEL RODS BY TAGUCHI METHODS	3&2014	INTERNATIONAL JOURNAL OF MECHANICAL ENGG AND ROBOTIC RESEARCH	1.20
24.	V.SIVASHANKAR P.RENUKA DEVI	AN INVESTIGATION OF MECHANICAL PROPERTY OF FRICTON STIR BUTT WEIDING PROCESS ON AA6082 AND AA5083 ALLOY	3&2014	INTERNATIONL JOURNAL OF INNOVATIVE RESEARCH AND DEVELOPMENT	1.25
25.	M.MAGESH L.JOHN BARUCH	MICROSTRUCTURE AND HARDNESS OF ALUMINIUM ALLOY	1&2014	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN ADVANCE ENGG	1.82
26.	D.GEORGE OLIVER	MICROSTRUCTURE AND HARDNESS OF ALUMINIUM ALLOY FUSED TO SILICON PARTICULAR COMPOSITE	1&2014	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN ADVANCE ENGG	1.90
27.	J.CHANDRADAS HORN KIM	EFFECT OF DIFFERENT SOLVANTS IN THE	5&2014	SOCIETY OF TECHNOLOGY JAPUR	0.80

		SYNTHESIS OF LAC003			
28.	K.BHUVANESH S.GIRIDHARAN	OPTIMIZATION OF DRILLING PARAMETERS OF EN-8 STEEL PLATE USING TAGUCHI TECHNIQUE	2&2014	INTERNATIONAL JOURNAL OF MECHANICAL ENGG	1.46
29.	J.SUSIL KUMAR S.GIRIDHARAN	STUDY AND OVERVIEW ABOUT PROCESS FAILURE MODE	2&2014	INTERNATIONAL JOURNAL OF MECHANICAL ENGG	1.46
30.	R.RAMYA TTM.KANNAN	OPTIMIZATION TURNING PARAMETERS OF EN-8 STEELS CYLINDRICAL ROD USING TAGUCHI METHODOLOGY	3&2014	INTERNATIONAL JOURNAL OF MECHANICAL ENGG OF ROBOTICS RESEARCH	1.20
31.	M.SANDEEP M.SUDHAKAR	OPTIMIZATION OF DRILLING PARAMETERS ON AUTENTIC STAINLESS STEEL (A1S1316) USING TAGUCHI'S METHODOLOGY	3&2014	INTERNATIONAL JOURNAL OF MECHANICAL ENGG OF ROBOTICS RESEARCH	1.20
32.	M.SARAVANA KUMAR TTM.KANNAN	OPTIMIZATION OF MICROMILLING PARAMETERS OF N-6802 ANOVA METHODOLOGY	3&2014	INTERNATIONAL JOURNAL OF MECHANICAL ENGG OF ROBOTICS RESEARCH	1.20
33.	M.MANIKAM S.PRADEEPAN	RESIDUAL STRESS ANALYSIS OF NITRADE STEEL SHAFT FO MULTICYLINDER ENGINE	3&2014	INTERNATIONAL JOURNAL OF MECHANICAL ENGG OF ROBOTICS RESEARCH	1.20
34.	G.SAMUDHIRAM TTM.KANNAN	EVALUTION OF MECHANICAL PROPERTY OF FRICTION WELDED JOINT OF EN-24 STEEL CYLINDERED	3&2014	INTERNATIONAL JOURNAL OF MECHANICAL ENGG OF ROBOTICS RESEARCH	0.20
35.	N.MUTHUKRISHNAN TTM.KANNAN	OPTIMIZATION OF TURNING PARAMETERS OF	3&2014	INTERNATIONAL JOURNAL OF MECHANICAL	1.20

		OHNS-(AISI-O2-I) STEEL RODS USING TAGUCHI'S METHODOLOGY		ENGG OF ROBOTICS RESEARCH	
36.	M.MANIKAM P.RENUKA DEVI	EFFECT OF AEROFOIL THICKNESS OVER PRESSURE DISTRIBUTION IN WIND TURBINE BLADES	3&2014	INTERNATIONAL JOURNAL OF MECHANICAL ENGG OF ROBOTICS RESEARCH	1.20
37.	M.MANIKAM TTM.KANNAN	OPTIMIZATION OF CYLINDRICAL GRINDING PROCESS PARAMETERS OF OHNS STEEL(AISIO- 1)	17&2014	INTERNATIONAL JOURNAL OF ENGG TRENDS AND TECHNOLOGY	
38.	K.MURALI TTM.KANNAN	EVALUTION OF MECHANICAL PROPERTY SIMILAR AND DISSIMILAR JOINT OF ALUMINIUM ALLOY BY USING FRICTION STIR WELDDING	3&2014	INTERNATIONAL JOURNAL OF APPLIED SCIENCE AND ENGG RESEARCH	1.25
39.	J.CHANDRADASS HERN KIM	SYNTHESIS OF ULTRAFINE MgFeO₄ NANOFIBERS VIA ELECTRO SPINNING USING SOL GEL PROCESS	2012	SPRINGER SCIENCE +BUSSINESS MEDIA NEW YORK	1.20
40.	J.CHANDRADASS M.BALASUBRAMANIAM	Gd₂O₃ : Eu NANOPHOSPHORS PREPARED VIA REVERSE MICELLE PROCESSING	2012	TAYLOR AND FRANCIS GROUP	1.20
41.	J.CHANDRADASS HERN KIM	SURFACTANT MODIFIED MgFe₂O₄ NANO POWDER BY REVERSE MICELLE PROCESSING	2012	APPLIED SURFACE SCIENCE	1.20
42.	J.CHANDRADASS HERN KIM	INFLUENCE OF PROCESSING METHODOLOGY ON THE STRUCTURAL AND MAGNETIC BEHAVIOUR OF MgFe₂O₄ NANO POWDER	2012	JOURNAL OF ALLOYS AND COMPOUNDS	1.56

43.	J.CHANDRA DASS KIMGEON KIM	SOLVENT EFFECTS IN THE SYNTHESIS OF $MgFe_2O_4$ NANOPOWDERS BY REVERSE MICELLE PROCESSING	2010	JOURNAL OF ALLOYS AND COMPOUNDS	1.20
44.	S.Jayakrishna	Performance management system	2012	IJAR	-
45.	S.Jayakrishna	The Role of HR in Workforce Issues	2012	IJAR	-
46.	P.murugesan	Multi Criteria Group Decision making for the third party reverse logistics provider in the supply chain model using Fuzzy TOPSIS for transportation services	2011	International Journal of Service Technology and Management	-
47.	Dr. M. Narayana Rao	knowledge based system for visual computing of depth in 2d images of geometric objects like straight lines, planes and solids and their applications in engineering graphics	2012	<u>International Journal of Computer Science</u>	-

- * Monographs :Nil
- * Chapters in Books : 03
- * Edited Books : Nil
- * Books with ISBN with details of publishers: 02
- * Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) :
- (available in Central library)
- * Citation Index -
- range / average *
- SNIP
- * SJR
- * Impact Factor - range

average: 1.5

* h-index

23. Details of patents and income generated : 02
24. Areas of consultancy and income generated : NIL
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : NIL
26. Faculty serving in
 - a) National committees
 - b) International committees
 - c) Editorial Boards
 - d) any other (please specify) :**Dr.M.Narayana Rao M.E,Ph.D**

Professional Memberships

- MISTE
- MPMAI

Dr. S.JAYA KRISHNA, M.Tech ,Ph.D

Professional Memberships

- ISTE
- MIE
- MIAPQR
- IAENG

Dr.J.CHANDRADASS Ph.D., MISTE

Peer Reviewer for

- Journal of materials processing Technology;
- Journal of Non-Crystalline Solids;
- Material Chemistry and Physics;
- Materials and Manufacturing processes;
- Microporous and Mesoporous Materials;
- Materials science and Engineering B;
- Composites Part A:
- Applied science and Manufacturing;
- Journal of Polymer Engineering,

- Chemical Engineering Journal,
- Transaction of Indian Institute of Metals,
- Advanced powder Technology.

Editorial Board Member

- Global journal of Physics Express- 2010.

TTM.Kannan,M.Tech.,(Ph.D)

Editorial Board Member

- International journal of engineering trends and technology.(IJERTT)
- International academy for science technology engineering research(IASTER)
- International journal of advanced engineering research(IJAER)

Project Guide in Institution of Engineers (India)-Kolkatta

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs: **25**

Title of the programs	Date
Technology Enhanced Learning (NPTEL) -IIT Madras	12.4.13
Quality Improvement Program on Instructional Design & Design Delivery systems (NITTR)	30.01.12 - 04.02.12
Workshop on High Impact teaching Skills (Wipro Mission)	10.01.11 – 12.01.11
Quality Improvement Program on Instructional Design & Design Delivery systems (NITTR)	07.01.09- 09.01.09

28. Student projects

- ☐ percentage of students who have done in-house projects including inter-departmental projects : 40%
- ☐ percentage of students doing projects in collaboration with other / industry / institute : 60%

29. Awards / recognitions received at the national and international level by

- ☐ Faculty : 01
- ☐ Doctoral / post doctoral fellows : NIL
- ☐ Students : 10

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Department	Title of Conference / Seminar / Symposium / Workshop	Date (s)	No. of Participants	Number of Papers Presented
Mechanical Engineering	National level Symposium-MECHRAZ-13	17-09-2013	128	38
	Seminar on Recent trends in Welding Technology	08-04-2013	62	---
	National level symposium METIER-10	10-04-2010	126	36
	Lecture on Composite materials	20-02-2010	92	--

31. **Code of ethics for research followed by the departments**

1.Research Data and Records

- a. Research workers must comply with the University's 'Policy on the Management of Research Data and Records' and related policies that may be promulgated from time to time. This policy includes, but it is not limited to, the following requirements -
 - i. data and records should be accurate, complete and in sufficient detail to enable verification of research results and to reflect what was communicated, decided or done;

- ii. data (including electronic data) must be recorded in a durable and retrievable form, be appropriately indexed and comply with relevant protocols;
- iii. data must be retained intact for a period of at least five years from the date of any publication which is based upon or longer than this if discussion of results continues, if there are regulatory or sponsor requirements, or if the data has historical or archival value;
- iv. a research unit or department must establish procedures for retention of data and maintain a register of the data and records and their location; data and records will normally be kept in the department or unit where the research was conducted;
- v. data forming the basis of publications must be available for discussion with other research workers; where confidentiality provisions apply, the data should be kept in a way that allows reference by third parties without breaching confidentiality; and
- vi. when data are obtained from limited access data bases, or via a contractual arrangement, written indication of the location of the original data, or key information regarding the database from which it was obtained, must be retained by the research worker or research unit

2. Authorship

- a. For a person to be recorded as an author of a publication requires that he or she is directly involved in the creation of the publication by -
 - i. conceiving it, analysing and interpreting the data on which it is based;
 - ii. writing or revising the intellectual content; and
 - iii. giving final approval of the version to be published
- b. The right to authorship is not tied to position or profession; ghost, gift, or honorary authorship is unacceptable. Authorship should honestly reflect the contribution to the work being published. Participation solely in the acquisition of funding or the collection of data is not sufficient for a person to be attributed as an author of a publication.
- c. Any part of an article critical to its main conclusion must be the responsibility of at least one author.

- d. An author's role in a research output must be sufficient for that person to take public responsibility for at least that part of the output in that person's area of expertise.
- e. No person who is an author, consistent with this definition, may be excluded as an author without their permission in writing.
- f. When there is more than one co-author of a research output, one co-author (by agreement amongst the authors) should be nominated as executive author for the purposes of administration and correspondence and when there is more than one co-author of a research output, the authors should discuss and reach agreement on the order in which authors shall be listed.
- g. Other persons who contributed to the work who are not authors should be named in Acknowledgements (where the publisher provides for this, and in a manner consistent with the norms of the research field or discipline). An author must ensure that the work of research students, research assistants and technical officers is recognised in a publication derived from research to which they have made a contribution.
- h. Research workers must comply with authorship criteria appropriate to their discipline, and/or according to the requirements of the journal their work is to be published in.

3. Publications

- a. Publication of more than one paper based on the same set(s) or subset(s) of data is not acceptable, except where each subsequent paper fully cross-references and acknowledges the earlier paper or papers as the case may be (for example, in a series of closely related work, or where a complete work grew out of a preliminary publication and this is fully acknowledged).
- b. An author who submits substantially similar work to more than one publisher must disclose this to the publishers at the time of submission.
- c. Publications must include information on the sources of financial support for the research and must include a disclosure of any potential conflicts of interest. Financial sponsorship that carries an embargo on such naming of a sponsor should be avoided.

4. Supervision of Students Undertaking Research

Supervision of research higher degree students must be carried out in accordance with the Supervision of Research Higher Degree Students Policy.

5. Conflict of Interest

- a. A research worker has a conflict of interest in any circumstances where that person has a real, perceived or potential opportunity to prefer their own interests, or those of any other person or organisation, to the interests of the University. Examples of conflicts of interest in research include but are not limited to situations -
 - i. where the research is sponsored by a related body;
 - ii. where the researcher or a related body may benefit, directly or indirectly, from any inappropriate dissemination of research results (including any delay in or restriction upon publication of such results);
 - iii. where the researcher or a related body may benefit, directly or indirectly, from the use of University resources;
 - iv. where the researcher conducts a clinical trial which is sponsored by any person or organisation with a significant interest in the results of the trial.
 - v. where private benefits or significant personal or professional advantage are dependent on research outcomes

A related body is any person or body with which the researcher has an affiliation or a financial involvement.

A financial involvement includes a direct or indirect financial interest, provision of benefits (such as travel and accommodation) and provision of materials or facilities.

An indirect financial interest is a financial interest or benefit derived by the researcher's relatives, personal or business associates, or research students.

It is important to recognise that real or perceived opportunities to give preference to personal interests arise from competing obligations and can be other than financial.

- b. The responsibility for managing a conflict of interest rests, in the first instance, with the individual.
 - i. A research worker must make a full disclosure of a conflict of interest or of circumstances that might give rise to a

perceived or potential conflict of interest as soon as reasonably practicable as follows -

- A. where the research worker is a head of department, to the dean of the relevant faculty;
- B. where the research worker is a dean of a faculty, to the deputy vice-chancellor (research);
- C. in all other cases, to the research worker's head of department.

For the conduct of clinical trials, full disclosure must include the nature of the sponsorship and the relationships between the sponsor, trial subjects and the clinical investigator.

- c. Disclosures shall be handled as follows -
 - i. the officer in receipt of the disclosure referred in paragraph (i) above must discuss the matter with the staff member concerned determine a procedure for the management or elimination of the conflict of interest. The procedure must be documented and the research worker advised in writing and a copy of the agreement held in the department's records.
 - ii. a research worker must comply with the direction of the officer referred to in section 5 (e)(i) above in relation to the management of the conflict of interest.
 - iii. unless involved directly, it is the responsibility of heads of departments to ensure that conflicts of interest in research involving their staff members are managed appropriately.
 - iv. when a head of department has a conflict of interest in research, the dean of the faculty will be responsible for recommending to the deputy vice-chancellor (Research) appropriate management arrangements.
 - v. when a dean of faculty has a conflict of interest in research, the deputy vice-chancellor (Research) will be responsible for recommending to the vice-chancellor appropriate management arrangements.
- d. a head of department must not be a director of any organisation sponsoring research in that department or have a direct or indirect financial interest in excess of 5% equity in such an organisation unless full disclosure has been made and the vice-chancellor has approved an exception to this policy.

- e. the deputy vice-chancellor (Research), when deciding whether to accept sponsored research or contract research funding on behalf of the University, may seek information regarding disclosure and management of any conflict of interest that may result.

6. ADDITIONAL REQUIREMENTS

- a) Any special standards of work performance and ethical conduct imposed by law or by the University in relation to particular categories of research are deemed to be included in this code in its application to persons engaged in that kind of research in the University. These include that where research procedures are of a kind requiring approval by a human or animal ethics committee, gene technology and biosafety Committee or by a safety or other validly constituted regulatory committees, research must not proceed without such prior approval.
- b) Research workers should endeavour to safeguard the interests of all parties in relation to intellectual property in accordance with the Intellectual Property Statute of the University and other guidelines as may be promulgated from time to time.
- c) Every research worker should be provided with access to material on applicable institutional guidelines for the conduct of research, including those covering ethical requirements for studies on humans or animals, requirements for confidentiality, and occupational health and safety matters.
- d) Academic staff must make a declaration as part of their annual reporting requirements that they have complied with the provisions of the code.

7. RESEARCH MISCONDUCT

- i. Research misconduct is constituted by a failure to comply with the principles or specific provisions of the code and includes but is not limited to conduct in, or in connection with, research that is (a) dishonest, reckless or negligent and (b) seriously deviates from accepted standards within the scientific and scholarly community for proposing, conducting or reporting research, such as following, includes -
 - a. the fabrication or falsification of data or results,
 - b. the use of another person's ideas, work or data without appropriate acknowledgement,
 - c. misleading ascription of authorship to a publication including the listing of authors without their permission, attributing work to people who have not in fact contributed to the publication, the lack

- of appropriate acknowledgement of work primarily produced by a research student/trainee or associate, and
- d. failure to disclose conflicts of interest or cases where a conflict of interest might reasonably be perceived to exist.
- ii. Allegations of misconduct in research by students will be dealt by Student Academic Discipline Committee

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG: B.Tech-Mechanical Engineering(2010)	90	78	NIL	86	NIL
UG: B.Tech-Mechanical Engineering(2011)	125	119	NIL	95	NIL
UG: B.Tech-Mechanical Engineering(2012)	124	112	NIL	90	NIL
UG: B.Tech-Mechanical Engineering(2013)	70	60	NIL	85	NIL
UG: B.Tech-Mechanical Engineering(2014)	65	45	NIL	75	NIL
UG: B.Tech-Mechanical Engineering(2015)	54	49	NIL	90	NIL
PG: Manufacturing Technology(2010)	20	17	NIL	85	NIL
PG: Manufacturing Technology(2011)	19	18	NIL	95	NIL
PG: Manufacturing Technology(2012)	30	18	NIL	60	NIL
PG: Manufacturing Technology(2013)	20	16	1	80	100
PG: Manufacturing Technology(2014)	10	08	NIL	80	NIL
PG: Manufacturing Technology(2015)	10	07	NIL	70	NIL

33.Diversity of students				
Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students From universities outside the State	% of students from other countries
B.Tech-Mechanical	55%	5%	33%	7%
M.Tech-Manufacturing Tech.	100%	-	-	NIL

34. How many students have cleared Civil Services and Defense Services examinations, NET, SLET, GATE and other competitive examinations? Give details category-wise.

GATE: 5

35. Student progression

Student progression	Percentage against enrolled
UG to PG	2008 – 12 batch – 15 % 2009 – 13 batch – 10 % 2010 – 14 batch – 11 % 2011 - 15 batch - 8%
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed <input type="checkbox"/> Campus selection <input type="checkbox"/> Other than campus recruitment	2008 – 12 batch – 65 % 2009 – 13 batch – 60 % 2010 – 14 batch – 68 % 2011 – 15 batch – 42 %
Entrepreneurs	2008 – 12 batch – 3 % 2009 – 13 batch – 8 % 2010 – 14 batch – 5 % 2011 – 15 batch – 2 %

36. Diversity of staff

Percentage of faculty who are graduates of the same
university: 17%
from other universities within the State : 82%
from universities from other States from universities : 1%
outside the country : NIL

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : NIL

38. Present details of departmental infrastructural facilities with regard to

a) Library

S.No	DETAILS OF FACILITY	NO.OF VOLUMES
01	LIBRARY BOOKS	340
02	JOURNAL PAPERS (HARD COPY)	150
03	JOURNAL PAPERS (SOFT COPY)	100

b) Internet facilities for staff and students : available

c) Total number of class rooms : **07**

d) Class rooms with ICT facility : **01**

e) Students' laboratories : **10**

f) Research laboratories : **01**

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university : 06

b) from other institutions/universities : NIL

c) Post doctoral : NIL

d) Research associates : 05

40. Number of post graduate students getting financial assistance from the university: 01

Name of the student	Branch	Specialization	Batch
S.Sundeeep	M.tech	Manufacturing tech	2013-2015

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:

M.Tech (Nano technology)

Yes. Feedbacks from alumini, Outgoing students, Parents, Industrialist, Academicians, Employers , Teaching faculty and discussed in the Board of Studies (BOS) meeting held every year.

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation?
If yes, how does the department utilize the feedback?

Yes. The feed back received and discussed during board of studies meeting for any change in curriculum. The teaching-learning related feed back is discussed with the Dean of Engineering & Technology for suitable course of action.

- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? :

The Vice-chancellor convenes a meeting along with the Dean (Engineering & Technology) and HODs for course of action.

- c. Alumni and employers on the programmes offered and how does the department utilize the feedback? :

During the Board of studies meeting, these feedbacks are discussed and changes are done wherever needed,

43. List the distinguished alumni of the department (maximum 10) :

S. N O	NAME OF THE ALUMI NI	DETAILS OF THE PROGRA MME		PRESENT POSITION		CONTACT ADDRESS	MOBILE NO & EMAILID
		PRO GRA M	BA TC H	DESIG NATI ON	ORGA NISATI ON		
1	NIKHIL MESHRAM	B.TECH	2011-2015	PROCESS EXECUTIVE	INFOSYS	SARKAR NAGAR ,NR RADHIKA SABHAGRI HA MUL RD CHANDRA PUR(MH)44 2401	9420446601&Niks0905@gmail.com
2	J.VIGNESHWARAN	B.tech	2010-2014	Maintenance Engineer	TVS LTD,chennai	No.76, Lakshmipura m Colony, Sundaram Nagar 12th Street (Extn...),M.C .Road,Thanjavur-613004.	9940909230 ,jvigneshwara@gmail.com

3	L.SIDDHARTH	B.Tech	2010-2014	Asst.Engineer	electronics ntel equipment India Pvt Ltd	Mehabhab Building, Near Arasu Bajaj, Trichy Main Road, Vallam, Thanjavur Pin - 613403.	9629177916, siddharth.tpm@gmail.com
5	P.NETHAJI	B.tech	2010-2014	Asst.Engineer	S L Lumacs Pvt Ltd	3/253 Main road, Thiruppalanam, Thiruvaiyaru (TK), Thanjavur(DT).	nethaji.pr6@gmail.com 7845412626
6	KRISHNA PRASAD	B.tech	2009-2013	MANAGER (HR)	TVS LIMITED	8/26, NORTH COLONY, KEELA MARIAMMAN STREET, MEDICAL COLLEGE ROAD THANJAVUR	KRISHNAPRASAD@GMAIL.COM & 9786379191
7	R.BASKARAN	M.tech	2008-2010	Principal	PR polytechnic College	N027 MUNICIPAL COLONY 3RD STREET ,THANJAVUR.	bhasharini@rediffmail.com & 9047190381

8	SABAN AYAGA M.M	M.tech	2011-2013	Principal	Annai polytec hnic College	no.80,chella m nagar, kumbagona m	nayagam@yahoo.com & 9940467266
9	SHELLY . M	M.tech	2011-2013	Principal	Govern ment ITI Pudhuk ottai	no.13/27,east main street, kumbakona m	shelly2012@gmail.com & 9443558809
10	SWAMI NATHA N	M.tech	2011-2013	VICE PRESI DENT	Poly pack limited Chenni	no.56,thirum alai nagar, 5th street ,Thanjavur.	swamy246@gmail.com & 9442211696

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

01	OPTIMIZATION TECHNIQUES IN ENGINEERING AND MANAGEMENT	One-day workshop	26 August, 2009	Dr.Marimuthu, Principal, Latha Madhavan Engg.College
02	METIER' 10	Technical symposium	10 March 2010	V.Subbaram, Sr.Consultant, Cethar Vessels
03	RECENT TRENDS IN WELDING TECHNOLOGY"	One-day workshop	08 March, 2013	Dr.R.Easwaran, GM- WRI Trichy Mrs. A.Santha kumari DGM- WRI Trichy R.Muthukumaran, Associate Professor,NITT N.Rajasekaran, Manager- WRI

				Trichy
04	OPTIMIZATION TECHNIQUES IN ENGINEERING AND MANAGEMENT	One-day workshop	26 August, 2009	Dr.Marimuthu, Principal, Latha Madhavan Engg.College
05	METIER' 10	Technical symposium	10 March 2010	V.Subbaram, Sr.Consultant, Cethar Vessels
06	RECENT TRENDS IN WELDING TECHNOLOGY"	One-day workshop	08 March, 2013	Dr.R.Easwaran, GM- WRI Trichy Mrs. A.Santha kumari DGM- WRI Trichy R.Muthukumaran, Associate Professor,NITT N.Rajasekaran, Manager- WRI Trichy
07	MEHCRAZ '13	Technical symposium	17 September, 2013	Dr.V.Muthupandi Professor, Department of Metallurgy, NITT
08	NDT IN WELDING	CERTIFICATE COURSE	10 AUGUST 2013	Sivaprakash Rao- GB Engg Enterprises Pvt Limited -Trichy

45. List the teaching methods adopted by the faculty for different programmes.
- NPTEL
 - Videos presentation
 - Power point presentation
 - Film shows
 - Case studies
 - Industrial visits
 - Web tools
 - Models
 - Micro lecture.
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

B. Programme Objectives:

1. The student must acquire the knowledge capability of analyzing and solving any concept or problem associated with energy dynamics and fluid pipe lines
2. To introduce the students on the concepts of basic manufacturing processes and fabrication techniques, such as metal casting, metal joining, metal forming and plastics component manufacture
3. To understand the stresses developed in beams under transverse load
4. To understand knowledge of motion characteristics of mechanisms and machine to make the students to develop new mechanisms
5. To understand knowledge on the structure, properties, treatment, testing and applications of metals and non-metallic materials so as to identify and select suitable materials for various engineering applications
6. To acquire the knowledge about the effect of forces on the machines and the methods to control them
7. To acquire knowledge on design principles of various components in mechanical engineering application.

8. To understand the mechanism of steady and unsteady conduction heat transfer and extended surfaces
9. To provide a general perspective of Power Plant Engineering indicating the role of mechanical engineers in their operation and maintenance.
10. To provide a comprehensive view of automobile engineering to the students
11. To create knowledge for the students about the source of concepts and techniques involved in mechatronic systems which are widely used in various industries

C. Programme Outcomes (O_i):

1. Ability to apply knowledge of mathematics including statistics, multivariable calculus and differential equations, science including physics, and engineering
2. Ability to design and conduct experiments, as well as to analyze and interpret data
3. Ability to design a system, component, or process to meet desired needs
4. Ability to function on multi-disciplinary teams
5. Ability to identify, formulate and solve engineering problems
6. Understanding of professional and ethical responsibility
7. Ability to communicate effectively
8. Broad education necessary to understand the impact of engineering solutions in a global and societal context
9. Recognition of the need for, and an ability to engage in life-long learning
10. Ability to use the techniques, skills and modern engineering tools necessary for engineering practice.

11. World class education necessary to understand the impact of engineering solutions in a global and societal context
47. Highlight the participation of students and faculty in extension activities
48. Give details of “beyond syllabus scholarly activities” of the department.
M.tech(Manufacturing technology) = 10
B.Tech (mechanical Engineering) = 15
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: **yes**
- **ISO 9001-2000**
 - **UGC act 1956**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:
Creating micro machineries and experimental set up for research activities
Conducting Internship training in reputed industries
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

S.No	Strength	Weakness	Opportunities	Challenges
01	Good infrastructure	Lack of Student co operation in studies	Good practical exposure.	Employment opportunity
02	Well qualified & Experienced faculty		Inspire teaching along with latest trend	Latest technology implementation in industries
03	Proven teaching-learning technology		Industrial visit	Competitive work environment in industries
04	Student follow up system		Proper project guide ness.	Updating of computer knowledge
05	Encouragement to research		Intensive practice on industries	Continuos learning of technology development

52. Future plans of the department.
1. To conduct -Certificate welding course for school drop outs
 2. To conduct - Diploma in welding course for graduates
 3. All faculties will be involved with Research.
 4. Developing Consultancy work.
 5. Filing Patent (at least 1) in every semester.

TAMIL

1. Name of the Department - **Tamil**
2. Year of establishment - **2008**
3. Is the Department part of a School/faculty of the university? - **Yes**
4. Names of programmes offered - **M.Phil Tamil**
5. Interdisciplinary programmes and departments involved - **Nil**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. - **Nil**
7. Details of programmes discontinued, if any, with reasons - **Nil**
8. Examination System: **Semester - Choice Based Credit System.**
9. Participation of the department in the courses offered by other departments - **Nil**
10. Number of teaching posts sanctioned, filled and actual
(Professors/Associate Professors/Asst. Professors/others)

Designation	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	1	1
Associate Professors	1	1	1
Asst. Professors	1	1	1

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

S.No	Name	Qualifications	Designation	Area of Specialization
1.	Dr.B.Rajendran	M.A.,Ph.D	Professor	Modern and comparative Literature
2.	Dr.M.Malarkodi	M.A.,M.Phil.,Ph.D	Associate Prof.	Sangaelakiyam
3	MrJ.Maheasan	M.A.,M.Phil., B.Ed.,(Ph.D)	Assistant Prof.	Kappiyangal

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

S.No	Name	Qualifications	University/College
1.	Dr.K.V. Balasubramaniyan	M.A.,M.Phil.,Ph.D	Tamil University,Thanjavur
2.	Dr.G.V.Natarajan	M.A.,M.Phil.,Ph.D	A.V.V.M Sri Pushpam college,Poodi

13. Percentage of classes taken by temporary faculty – programme-wise information –**Not applicable**

14. Programme-wise Student Teacher Ratio

S.No	Programme	Ratio
1.	M.Phil	1:3

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual - **Nil**.

16. Research thrust areas as recognized by major funding agencies -**Nil**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. –**Nil**

18. Inter-institutional collaborative projects and associated grants received –
Not available
- a) National collaboration - **Nil**
b) International collaboration – **Nil**
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received - **Nil**
- .
20. Research facility / centre with
- state recognition - Nil
 - national recognition - Nil
 - international recognition - Nil
21. Special research laboratories sponsored by / created by industry or corporate bodies -**Nil**
22. Publications: Number of papers published in peer reviewed journals (national / international)

Dr.B.Rajendran

- Presented a paper on Thirumandiram Koorum odalombalum,Thiruarutpa Koorum mooligai maruthuvamum,Organized by CICT and Prist University Feb,2012.

Dr.M.Malarkodi

- Presented a paper on Eraikkotppattile saivam vainavam oru parvai, Organized by M.K University Madurai, Aapril, 2008.
- Presented a paper on Kurunthougai kattum pasalai noie Organized by Alagappa Unversity karaikkudi, July, 2009.
- Presented a paper on ayyanar amaippumuraiyum valikatumuraiyum Organized by Tamil University,Thanjavur, Oct,2009

MrJ.Maheasan

- Presented a paper on Siddhargal kanda mooliegaigal, Organized by CICT and Prist University Feb,2012.

23. Details of patents and income generated - **Not available**

24. Areas of consultancy and income generated - **Not available**

25. Faculty selected nationally / internationally to visit other laboratories / Institutions industries in India and abroad - Directory, EBSCO host, etc.)

-

Not available

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify) - **Not available**

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Orientation programs – Nil

Workshops - 1

Kaniporivazhi Tamil Valam at Tamil University on 2010

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects - Nil
- percentage of students doing projects in collaboration with other universities / industry / institute – Nil

29. Awards / recognitions received at the national and international level by

- Faculty - Nil
- Doctoral / post doctoral fellows – Nil

- Students – Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any-

National Level Seminar – 1

S.No	DATE	Title of the Seminar	Department/Venue
1.	23-25 Feb,2012	National level Seminar on Herbal knowledge in Ancient Tamil works	Tamil/Prist University

31. Code of ethics for research followed by the departments

The following are the code of ethics for research followed by the department evolved by the institution

1. Research Data and Records

- a. Research workers must comply with the University's 'Policy on the Management of Research Data and Records' and related policies that may be promulgated from time to time. This policy includes, but it is not limited to, the following requirements –
 - i. data and records should be accurate, complete and in sufficient detail to enable verification of research results and to reflect what was communicated, decided or done;
 - ii. data (including electronic data) must be recorded in a durable and retrievable form, be appropriately indexed and comply with relevant protocols;
 - iii. data must be retained intact for a period of at least five years from the date of any publication which is based upon or longer than this if discussion of results continues, if there are regulatory or sponsor requirements, or if the data has historical or archival value;
 - iv. a research unit or department must establish procedures for retention of data and maintain a register of the data and records and their location; data and records will

normally be kept in the department or unit where the research was conducted;

- v. data forming the basis of publications must be available for discussion with other research workers; where confidentiality provisions apply, the data should be kept in a way that allows reference by third parties without breaching confidentiality; and
- vi. when data are obtained from limited access data bases, or via a contractual arrangement, written indication of the location of the original data, or key information regarding the database from which it was obtained, must be retained by the research worker or research unit

2. Authorship

- a. For a person to be recorded as an author of a publication requires that he or she is directly involved in the creation of the publication by -
 - i. conceiving it, analysing and interpreting the data on which it is based;
 - ii. writing or revising the intellectual content; and
 - iii. giving final approval of the version to be published
- b. The right to authorship is not tied to position or profession; ghost, gift, or honorary authorship is unacceptable. Authorship should honestly reflect the contribution to the work being published. Participation solely in the acquisition of funding or the collection of data is not sufficient for a person to be attributed as an author of a publication.
- c. Any part of an article critical to its main conclusion must be the responsibility of at least one author.
- d. An author's role in a research output must be sufficient for that person to take public responsibility for at least that part of the output in that person's area of expertise.
- e. No person who is an author, consistent with this definition, may be excluded as an author without their permission in writing.
- f. When there is more than one co-author of a research output, one co-author (by agreement amongst the authors) should be nominated as executive author for the purposes of administration and correspondence and when there is more than one co-author of a research output, the authors should discuss and reach agreement on the order in which authors shall be listed.
- g. Other persons who contributed to the work who are not authors should be named in Acknowledgements (where the publisher provides for this, and in a manner consistent with the norms of the research field or discipline). An author must ensure that the work of research students, research assistants and technical

officers is recognised in a publication derived from research to which they have made a contribution.

- h. Research workers must comply with authorship criteria appropriate to their discipline, and/or according to the requirements of the journal their work is to be published in.

3. Publications

- a. Publication of more than one paper based on the same set(s) or subset(s) of data is not acceptable, except where each subsequent paper fully cross-references and acknowledges the earlier paper or papers as the case may be (for example, in a series of closely related work, or where a complete work grew out of a preliminary publication and this is fully acknowledged).
- b. An author who submits substantially similar work to more than one publisher must disclose this to the publishers at the time of submission.
- c. Publications must include information on the sources of financial support for the research and must include a disclosure of any potential conflicts of interest. Financial sponsorship that carries an embargo on such naming of a sponsor should be avoided.

4. Supervision of Students Undertaking Research

Supervision of research higher degree students must be carried out in accordance with the Supervision of Research Higher Degree Students Policy.

5. Conflict of Interest

- a. A research worker has a conflict of interest in any circumstances where that person has a real, perceived or potential opportunity to prefer their own interests, or those of any other person or organisation, to the interests of the University. Examples of conflicts of interest in research include but are not limited to situations -
 - i. where the research is sponsored by a related body;
 - ii. where the researcher or a related body may benefit, directly or indirectly, from any inappropriate dissemination of research results (including any delay in or restriction upon publication of such results);
 - iii. where the researcher or a related body may benefit, directly or indirectly, from the use of University resources;

- iv. where the researcher conducts a clinical trial which is sponsored by any person or organisation with a significant interest in the results of the trial.
- v. where private benefits or significant personal or professional advantage are dependent on research outcomes

A related body is any person or body with which the researcher has an affiliation or a financial involvement.

A financial involvement includes a direct or indirect financial interest, provision of benefits (such as travel and accommodation) and provision of materials or facilities.

An indirect financial interest is a financial interest or benefit derived by the researcher's relatives, personal or business associates, or research students.

It is important to recognise that real or perceived opportunities to give preference to personal interests arise from competing obligations and can be other than financial.

- b. The responsibility for managing a conflict of interest rests, in the first instance, with the individual.
 - i. A research worker must make a full disclosure of a conflict of interest or of circumstances that might give rise to a perceived or potential conflict of interest as soon as reasonably practicable as follows -
 - A. where the research worker is a head of department, to the dean of the relevant faculty;
 - B. where the research worker is a dean of a faculty, to the deputy vice-chancellor (research);
 - C. in all other cases, to the research worker's head of department.

For the conduct of clinical trials, full disclosure must include the nature of the sponsorship and the relationships between the sponsor, trial subjects and the clinical investigator.

- c. Disclosures shall be handled as follows -
 - i. the officer in receipt of the disclosure referred in paragraph (i) above must discuss the matter with the staff member concerned determine a procedure for the management or elimination of the conflict of interest. The procedure must be documented and the research

- worker advised in writing and a copy of the agreement held in the department's records.
- ii. a research worker must comply with the direction of the officer referred to in section 5 (e)(i) above in relation to the management of the conflict of interest.
 - iii. unless involved directly, it is the responsibility of heads of departments to ensure that conflicts of interest in research involving their staff members are managed appropriately.
 - iv. when a head of department has a conflict of interest in research, the dean of the faculty will be responsible for recommending to the deputy vice-chancellor (Research) appropriate management arrangements.
 - v. when a dean of faculty has a conflict of interest in research, the deputy vice-chancellor (Research) will be responsible for recommending to the vice-chancellor appropriate management arrangements.
- d. a head of department must not be a director of any organisation sponsoring research in that department or have a direct or indirect financial interest in excess of 5% equity in such an organisation unless full disclosure has been made and the vice-chancellor has approved an exception to this policy.
 - e. the deputy vice-chancellor (Research), when deciding whether to accept sponsored research or contract research funding on behalf of the University, may seek information regarding disclosure and management of any conflict of interest that may result.

6. ADDITIONAL REQUIREMENTS

- a) Any special standards of work performance and ethical conduct imposed by law or by the University in relation to particular categories of research are deemed to be included in this code in its application to persons engaged in that kind of research in the University. These include that where research procedures are of a kind requiring approval by a human or animal ethics committee, gene technology and biosafety Committee or by a safety or other validly constituted regulatory committees, research must not proceed without such prior approval.
- b) Research workers should endeavour to safeguard the interests of all parties in relation to intellectual property in accordance with the Intellectual Property Statute of the University and other guidelines as may be promulgated from time to time.
- c) Every research worker should be provided with access to material on applicable institutional guidelines for the conduct of research, including those covering ethical requirements for studies on humans or

animals, requirements for confidentiality, and occupational health and safety matters.

- d) Academic staff must make a declaration as part of their annual reporting requirements that they have complied with the provisions of the code.

7. RESEARCH MISCONDUCT

- i. Research misconduct is constituted by a failure to comply with the principles or specific provisions of the code and includes but is not limited to conduct in, or in connection with, research that is (a) dishonest, reckless or negligent and (b) seriously deviates from accepted standards within the scientific and scholarly community for proposing, conducting or reporting research, such as following, includes -
 - a. the fabrication or falsification of data or results,
 - b. the use of another person's ideas, work or data without appropriate acknowledgement,
 - c. misleading ascription of authorship to a publication including the listing of authors without their permission, attributing work to people who have not in fact contributed to the publication, the lack of appropriate acknowledgement of work primarily produced by a research student/trainee or associate, and
 - d. failure to disclose conflicts of interest or cases where a conflict of interest might reasonably be perceived to exist.
- ii. Allegations of misconduct in research by students will be dealt by Student Academic Discipline Committee

32. Student profile programme-wise:

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Phil 2010-2011	20	9	10	45	50
M.Phil 2011-2012	22	6	12	27	54
M.Phil 2012-2013	16	4	6	25	37
M.Phil 2013-2014	1	-	1	100	100

33. Diversity of students

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students From universities outside the State	% of students from other countries
M.Phil 2010-2011	-	100	-	-
M.Phil 2011-2012		100	-	
M.Phil 2012-2013		100	-	
M.Phil 2013-2014		100	-	

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. –**Not applicable**

35. Student progression

Student progression	Percentage against enrolled
UG to PG	-
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	-
<input type="checkbox"/> Campus selection	-
<input type="checkbox"/> Other than campus recruitment	-
Entrepreneurs	-

36. Diversity of staff

Percentage of faculty who are graduates of

The same university	Nil
from other universities within the State from	100%
universities from other States from universities	Nil
outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period - Nil

38. Present details of departmental infrastructural facilities with regard to

a) Library

No. of titles	30
No. of Volumes	150

b) Internet facilities for staff and students –8 MBps

c) Total number of class rooms – 01

d) Class rooms with ICT facility - 01

e) Students' laboratories - Nil

f) Research laboratories –Nil

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university -**Nil**

b) from other institutions/universities -**Nil**

40. Number of post graduate students getting financial assistance from the university -**Nil**.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology –

Yes. Feedbacks from alumni, Outgoing students, Parents, Teaching faculty and discussed in the Board of Studies (BOS) meeting held every year.

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation?

If yes, how does the department utilize the feedback?

➤ Yes, For designing and revising the curriculum based on the feedback through board of studies meeting.

- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
- To improve Teaching and Learning.
- c. Alumni and employers on the programmes offered and how does the department utilize the feedback?
- Yes, For designing and revising the curriculum to make the graduates that ensures employable and globally competent
43. List the distinguished alumni of the department (maximum 10) – **Not applicable**
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Special lectures

SL No.	Topic	Guest Name	Date
1	Ungal Tamizaith Therinhukollungal	Dr. KV.Balasubramaniyan Prof &Head Literature Dept. Tamil University	22.8.12
2	Kamban Kazhagam(Raman oru parvai)	Pulavar Tamilcheeranar	14.12.12

45. List the teaching methods adopted by the faculty for different programmes.-
ICT, Special Assignment, Peer Tutoring.
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Objective Evaluation:

- The evaluation processes to achieve educational objectives are based on the input from alumini and industries.
- These inputs are considered by the members of board of studies

on part of the curriculum revision.

- These recommendations are implemented by the vital steps taken by internal mechanisms.

Outcome Assessment:

- The program outcome assessment involves the exploitation of tools like internal assessment, feedback survey and a series of action taken during the academic cycle.
- The Board of studies members meet annually to review the inputs from various surveys and also provide their own recommendations for program improvement.

47. Highlight the participation of students and faculty in extension activities.-

Students are participated in NSS programme Debating Programme

48. Give details of “beyond syllabus scholarly activities” of the department.

-

Debating Programme

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. – **ISO 9001-2008 certification**

- 50.** Briefly highlight the contributions of the department in generating new knowledge, basic or applied. - **Nil**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

STRENGTH

- Good favorable location atmosphere with all facilities.
- Experienced Staff.
- Convenient transport facilities.
- College buses also.

WEAKNESS

- Rural background problems.

OPPERTUNITIES

- Entrepreneurship development -Self employed chances.

CHALLENGES

- Shy approach of Rural background students.
- More and More new colleges.
-

52. Future plans of the department.

To start

- B.Lit Course
- Diploma Courses: Indian Culture and Tamil Culture

ENGLISH

1. Name of the Department -English
2. Year of establishment - 2004
3. Is the Department part of a School/Faculty of the university? Yes
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

UG	PG	Research	
B.A English	M.A English	M.Phil English	Ph.D English

5. Interdisciplinary programmes and departments involved - NIL
6. Courses in collaboration with other universities, industries, foreign institutions, etc. - NIL
7. Details of programmes discontinued, if any, with reasons -NIL
8. Examination System: **Semester, Choice Based Credit System**
9. Participation of the department in the courses offered by other departments – NIL
10. Number of teaching posts sanctioned, filled and actual
(Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual
Prof	1	1	1
Associate Prof	2	1	1
Assistant Prof	5	5	5

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialisation	Experience	No. of M.Phil students guided
Dr. K.B Jasmine Suthanthira Devi	M.A.,M. Phil., Ph.D	Professor	Translations in African Literature	30	18
Dr. K. Shibila	M.A., M. Phil Ph.D	Associate Professor	British Literature	19	28
Dr.P.Geetha	M.A., M. Phil Ph.D	Associate Professor	British Literature		
Mrs. C.Saritha	M.A, M. Phil	Assistant Professor	Indo – Canadian literature	8	22
Mrs.R. Vishalakshi	M.A ,M. Phil	Assistant Professor	American literature	6	18
Mrs. R.V.Lakshmi	M.A, M. Phil	Assistant Professor	Canadian Literature	7	15
Mr.P.Prabhakaran	M.A. M. Phil	Assistant Professor		3	6
Mrs. Ragupathi	M.A, M. Phil	Assistant Professor		1	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Dr. R. Shanthi M.A., M.Phil., Ph.D Reader, PG & Research Dept. of English. Sri Puspham College, Poondi.
Dr. R. Partheeban M.A., M.Phil., Ph.D Prof.&Head, PG & Research Dept. of English. Raja Serofoji College, Thanjavur
Dr. K. Murugan B.A.,M.A., Dip. in TE(SL), M.Litt., Ph.D Prof & Director of School of Humanities, Tamil Nadu Open University, Chennai.
Dr. C. Issac Jebastine M.A., M.Phil., Ph.D Prof & Head, School of English & other Foreign Languages Bharathidasan University, Thiruchirapalli.

13. Percentage of classes taken by temporary faculty – programme-wise information – Not Applicable

14. Programme-wise Student Teacher Ratio –

Programme	Ratio
B.A English	1:20
M.A English	1:15
M.Phil	1:3

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual –

Technical Staff	Administrative Staff	Attender
2	2	1

16. Research thrust areas as recognized by major funding agencies – NIL
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise – NIL
18. Inter-institutional collaborative projects and associated grants received
a) National collaboration - NIL
b) International collaboration - NIL
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received – NIL
20. Research facility / centre with
State recognition - NIL ☐
National recognition - NIL
International recognition – NIL

21. Special research laboratories sponsored by / created by industry or corporate bodies – NIL

22. Publications:

Name of the Faculty: Dr.K.B Jasmine Suthandhira Devi

TITLE OF THE JOURNAL	TITLE OF THE ARTICLE	DATE

TITLE OF THE BOOK	YEAR
The Travalogue	2010

Name of the Faculty: Dr.K.Shibila

TITLE OF THE JOURNAL	TITLE OF THE ARTICLE	DATE
IJHST	Theory and practice of Virginia Woolf	2013

TITLE OF THE BOOK/ TITLE OF THE ARTICLE	PUBLISHER	DATE
Rabindranath Tagore and Indian Literature/ The Vision of Nature and God in the poems of Tagore and	Universal Publisher Chennai ISBN-978-81-920866-5-1	March 2012

Sri Aurobindo		
Voices in the Wilderness / Exploration of human relationship Through human values in Virginia Jacob's Room, Mrs. Dalloway and Lighthouse.	Periyar Maniammai University Thanjavur ISBN-978-81-908015-6-0	April 2013
Tulasi /Feminist Voices in Manju Kapoor Married Womane Woman	Thullasiaya Vandaiyar Thanjavur ISSN-2347-2650	Oct 2014

23. Details of patents and income generated – Not Available

24. Areas of consultancy and income generated

Date	Title	No. of Students	Amount generated
27-1-2015	Workshop on Communication skills	28	5600
19-3-2014	Workshop on Linguistics	30	6000
22-8-2013	Workshop on Spoken English	30	6000

25. Faculty selected nationally / internationally to visit other laboratories / institutions
/ industries in India and abroad – Not Available

26. Faculty serving in
- National committees
 - International committees
 - Editorial Boards
 - any other – Dr.K.Shibila-ELTAI,
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Programme	No. of Programmes
Dr. K.B Jasmine Suthanthira Devi	2
Dr. K. Shibila	6
Mrs.F.Hema	2
Mrs. C.Saritha	1

28. Student projects
- percentage of students who have done in-house projects including inter departmental projects -
- | | |
|---|--------------------------|
| In house | Outside |
| <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> |
- percentage of students doing projects in collaboration with other universities
/ industry / institute -NIL
29. Awards / recognitions received at the national and international level by
- Faculty - NIL
 - Doctoral / post-doctoral fellows - NIL
 - Students – NIL

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any

Date	Title	No. of Students
27-1-2015	Workshop on Communication skills	28
19-3-2014	Workshop on Linguistics	30
22-8-2013	Workshop on Spoken English	30

31. Code of ethics for research followed by the departments

The following code of ethics is followed by the department evolved by the institution:

1. Research Data and Records

- a. Research workers must comply with the University's 'Policy on the Management of Research Data and Records' and related policies that may be promulgated from time to time. This policy includes, but it is not limited to, the following requirements -
 - i. data and records should be accurate, complete and in sufficient detail to enable verification of research results and to reflect what was communicated, decided or done;
 - ii. data (including electronic data) must be recorded in a durable and retrievable form, be appropriately indexed and comply with relevant protocols;
 - iii. data must be retained intact for a period of at least five years from the date of any publication which is based upon or longer than this if discussion of results continues, if there are regulatory or sponsor requirements, or if the data has historical or archival value;
 - iv. a research unit or department must establish procedures for retention of data and maintain a register of the data and records and their location; data and records will

normally be kept in the department or unit where the research was conducted;

- v. data forming the basis of publications must be available for discussion with other research workers; where confidentiality provisions apply, the data should be kept in a way that allows reference by third parties without breaching confidentiality; and
- vi. when data are obtained from limited access data bases, or via a contractual arrangement, written indication of the location of the original data, or key information regarding the database from which it was obtained, must be retained by the research worker or research unit

2. Authorship

- a. For a person to be recorded as an author of a publication requires that he or she is directly involved in the creation of the publication by -
 - i. conceiving it, analysing and interpreting the data on which it is based;
 - ii. writing or revising the intellectual content; and
 - iii. giving final approval of the version to be published
- b. The right to authorship is not tied to position or profession; ghost, gift, or honorary authorship is unacceptable. Authorship should honestly reflect the contribution to the work being published. Participation solely in the acquisition of funding or the collection of data is not sufficient for a person to be attributed as an author of a publication.
- c. Any part of an article critical to its main conclusion must be the responsibility of at least one author.
- d. An author's role in a research output must be sufficient for that person to take public responsibility for at least that part of the output in that person's area of expertise.
- e. No person who is an author, consistent with this definition, may be excluded as an author without their permission in writing.
- f. When there is more than one co-author of a research output, one co-author (by agreement amongst the authors) should be nominated as executive author for the purposes of administration and correspondence and when there is more than one co-author of a research output, the authors should discuss and reach agreement on the order in which authors shall be listed.
- g. Other persons who contributed to the work who are not authors should be named in Acknowledgements (where the publisher provides for this, and in a manner consistent with the norms of the research field or discipline). An author must ensure that the work of research students, research assistants and technical

officers is recognised in a publication derived from research to which they have made a contribution.

- h. Research workers must comply with authorship criteria appropriate to their discipline, and/or according to the requirements of the journal their work is to be published in.

3. Publications

- a. Publication of more than one paper based on the same set(s) or subset(s) of data is not acceptable, except where each subsequent paper fully cross-references and acknowledges the earlier paper or papers as the case may be (for example, in a series of closely related work, or where a complete work grew out of a preliminary publication and this is fully acknowledged).
- b. An author who submits substantially similar work to more than one publisher must disclose this to the publishers at the time of submission.
- c. Publications must include information on the sources of financial support for the research and must include a disclosure of any potential conflicts of interest. Financial sponsorship that carries an embargo on such naming of a sponsor should be avoided.

4. Supervision of Students Undertaking Research

Supervision of research higher degree students must be carried out in accordance with the Supervision of Research Higher Degree Students Policy.

5. Conflict of Interest

- a. A research worker has a conflict of interest in any circumstances where that person has a real, perceived or potential opportunity to prefer their own interests, or those of any other person or organisation, to the interests of the University. Examples of conflicts of interest in research include but are not limited to situations -
 - i. where the research is sponsored by a related body;
 - ii. where the researcher or a related body may benefit, directly or indirectly, from any inappropriate dissemination of research results (including any delay in or restriction upon publication of such results);
 - iii. where the researcher or a related body may benefit, directly or indirectly, from the use of University resources;

- iv. where the researcher conducts a clinical trial which is sponsored by any person or organisation with a significant interest in the results of the trial.
- v. where private benefits or significant personal or professional advantage are dependent on research outcomes

A related body is any person or body with which the researcher has an affiliation or a financial involvement.

A financial involvement includes a direct or indirect financial interest, provision of benefits (such as travel and accommodation) and provision of materials or facilities.

An indirect financial interest is a financial interest or benefit derived by the researcher's relatives, personal or business associates, or research students.

It is important to recognise that real or perceived opportunities to give preference to personal interests arise from competing obligations and can be other than financial.

- b. The responsibility for managing a conflict of interest rests, in the first instance, with the individual.
 - i. A research worker must make a full disclosure of a conflict of interest or of circumstances that might give rise to a perceived or potential conflict of interest as soon as reasonably practicable as follows -
 - A. where the research worker is a head of department, to the dean of the relevant faculty;
 - B. where the research worker is a dean of a faculty, to the deputy vice-chancellor (research);
 - C. in all other cases, to the research worker's head of department.

For the conduct of clinical trials, full disclosure must include the nature of the sponsorship and the relationships between the sponsor, trial subjects and the clinical investigator.

- c. Disclosures shall be handled as follows -
 - i. the officer in receipt of the disclosure referred in paragraph (i) above must discuss the matter with the staff member concerned determine a procedure for the management or elimination of the conflict of interest. The procedure must be documented and the research

- worker advised in writing and a copy of the agreement held in the department's records.
- ii. a research worker must comply with the direction of the officer referred to in section 5 (e)(i) above in relation to the management of the conflict of interest.
 - iii. unless involved directly, it is the responsibility of heads of departments to ensure that conflicts of interest in research involving their staff members are managed appropriately.
 - iv. when a head of department has a conflict of interest in research, the dean of the faculty will be responsible for recommending to the deputy vice-chancellor (Research) appropriate management arrangements.
 - v. when a dean of faculty has a conflict of interest in research, the deputy vice-chancellor (Research) will be responsible for recommending to the vice-chancellor appropriate management arrangements.
- d. a head of department must not be a director of any organisation sponsoring research in that department or have a direct or indirect financial interest in excess of 5% equity in such an organisation unless full disclosure has been made and the vice-chancellor has approved an exception to this policy.
 - e. the deputy vice-chancellor (Research), when deciding whether to accept sponsored research or contract research funding on behalf of the University, may seek information regarding disclosure and management of any conflict of interest that may result.

6. ADDITIONAL REQUIREMENTS

- a) Any special standards of work performance and ethical conduct imposed by law or by the University in relation to particular categories of research are deemed to be included in this code in its application to persons engaged in that kind of research in the University. These include that where research procedures are of a kind requiring approval by a human or animal ethics committee, gene technology and biosafety Committee or by a safety or other validly constituted regulatory committees, research must not proceed without such prior approval.
- b) Research workers should endeavour to safeguard the interests of all parties in relation to intellectual property in accordance with the Intellectual Property Statute of the University and other guidelines as may be promulgated from time to time.
- c) Every research worker should be provided with access to material on applicable institutional guidelines for the conduct of research, including those covering ethical requirements for studies on humans or

animals, requirements for confidentiality, and occupational health and safety matters.

- d) Academic staff must make a declaration as part of their annual reporting requirements that they have complied with the provisions of the code.

7. RESEARCH MISCONDUCT

- i. Research misconduct is constituted by a failure to comply with the principles or specific provisions of the code and includes but is not limited to conduct in, or in connection with, research that is (a) dishonest, reckless or negligent and (b) seriously deviates from accepted standards within the scientific and scholarly community for proposing, conducting or reporting research, such as following, includes -
- the fabrication or falsification of data or results,
 - the use of another person's ideas, work or data without appropriate acknowledgement,
 - misleading ascription of authorship to a publication including the listing of authors without their permission, attributing work to people who have not in fact contributed to the publication, the lack of appropriate acknowledgement of work primarily produced by a research student/trainee or associate, and
 - failure to disclose conflicts of interest or cases where a conflict of interest might reasonably be perceived to exist.
- ii. Allegations of misconduct in research by students will be dealt by Student Academic Discipline Committee

32. Student profile programme-wise:

Name of the Programme	Applications Received		Selected		Pass percentage		
	Male	Female	Male	Female	Male	Female	Female
BA English							
2010	5	18	5	17	100	100	
2011	3	21	2	21	100	100	
2015	1	6	1	5	-	-	
MA English							

2011	1	3	1	3	-	100
2014	1	-	1	-	-	100
M.Phil English						
2010 – 2011	10	17	10	17	10	72
2011 – 2012	10	15	10	14	8	82
2012- 2013	7	10	6	8	12	70
2013- 2014	3	5	3	5	20	60
2014 – 2015	12	16	12	16	20	65
2015 – 2016	3	5	2	4	-	-

33. Diversity of student

Name of the Programme	% of students from the Same university	% of students from other Universities within the State	% of students from universities outside the State	% of students from other countries
MA	7%	76%	14%	3%
MPhil	5%	90%	5%	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Uniform services	1
Group 3	1
TED	9

35. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	
<input type="checkbox"/> Campus selection	5%
<input type="checkbox"/> Other than campus recruitment	95%
Entrepreneurs	2%

36. Diversity of staff

Percentage of faculty who are graduates

the same university-13%

from other universities within the

State-100%

from universities from other States

from universities outside the country

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt.

during the assessment period- Ph.D -2, M.Phil-1

Faculty	Degree
Dr.K.Shibila	Ph.D
Dr.P.Geetha	Ph.D
K.Shibila	M.Phil

38. Present details of departmental infrastructural facilities with regard to

a) Library

Central Library	No. of Titles	1400
	No. of Volumes	2164
Department Library	No. of Volumes	182

b) Internet facilities for staff and students -8MBpS

c) Total number of class rooms -6

d) Class rooms with ICT facility -1

e) Students' laboratories -1

f) Research laboratories –

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university

Faculty	Degree
Dr.K.Shibila	Ph.D

b) from other institutions/universities - NIL

40. Number of post graduate students getting financial assistance from the university - NIL

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology-

- Feedback from students, alumni, parents, academicians, employees, teaching faculty, industrialist are discussed in Board of Studies (BOS) meeting held every year.

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

- Yes for designing and revising the curriculum based on the

feedback through board of studies meeting.

- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
 - To improve teaching and learning
- c. alumni and employers on the programmes offered and how does the department utilize the feedback?
 - Yes for designing and revising the curriculum to make the graduates that ensures employability and global competency

43. List the distinguished alumni of the department (maximum 10)

S. No.	Name of The Student	Degree	Batch	Designation With Address
1	J. Nivedha	B.A	2008-11	Teacher, Orathanadu Govt. School
2.	P.Suriya	B.A	2008-11	Teacher, Tamarai International School, Thanjavur
3.	R. Revathy	BA	2008-11	Teacher, Thiruvarur Govt. School
4	Prabhakaran	B.A	2008-11	Teacher, Ulur Govt. School
5	Balaji	B.A	2009-12	Teacher, Ulur Govt. School
6.	A.Nagalakshmi	B.A	2009-12	Teacher, Blossom Public School, Thanjavur
7	S.Muruganandham	B.A	2009-12	Entrepreneur, Vedharanyam
8	A.Raja	B.A	2009-12	Police, Salem
9	S.SatheeshKumar	B.A	2010-13	Teacher, Tirupur Govt .School
10	Sofia	B.A	2010-13	Teacher, Mannargudi School
11	K.Karthi	B.A	2011-14	VAO

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

S. No	Department	Date	Name of the Event	Resource Persons
1	English	15-03-2012	Lecture	Dr. R. Shanthi Tilak
2	English	22-08-2013	Workshop	Mr. Rajesh

45. List the teaching methods adopted by the faculty for different programmes-

Name of the Programme	Innovative tool adopted
BA	PPT, NPTEL, MOOC, Videos, Quiz, role play, Practical classes for theory papers, assignments, paper presentation
Part II English	Quiz, role play, vocabulary games, drama, PPT, assignments, paper presentation
Communicative English	Globarena software, Vocabulary games, Vocabulary corner, role play, newspaper reading, writing exercises, brain teaser, Just a minute, word trap, essay competition, oratorical competition, aptitude, coaching for competitive examination , PPT, assignments, paper presentation
MA	PPT, NPTEL, MOOC, Videos, Quiz, role play, Practical classes for theory papers, assignments, paper presentation

M.Phil	PPT, NPTEL, Videos, Quiz, role play, Practical classes for theory papers, assignments, paper presentation
--------	---

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Objective Evaluation:

- The evaluation processes to achieve educational objectives are based on the inputs given by the alumni and industries.
- These inputs are considered by the members of the board of studies on part of the revised curriculum.
- These recommendations are implemented by the vital steps taken by the internal mechanisms.

Outcome Assessments:

- The programme outcome assessment involves the exploitation of tools like internal assessments, feedback survey and a series of action taken during the academic cycle.
- The board of studies meet annually to review the inputs from various surveys and also provide their own recommendations for program improvements.

47. Highlight the participation of students and faculty in extension activities.

S. No	Date	Name of the Event	Beneficiary	Resource Persons
1	07-09-2015	Brain Teaser	PRPS-CBSE Pattern, Yagappa Chavady	Faculty and Students
2	03-09-2014	Awareness on Communication Skills	Boys Home, Thanjavur	Mrs.C.Saritha
3	05-09-	Know Your English	Govt. School,	Faculty and

	2013		Vallam	Students
4	20-02-2012	Word power	Boys Home, Thanjavur	Faculty and Students
5	28-07-2011	Vocabulary Games	Girls Home, Thanjavur	Faculty and Students
6	19-01-2010	Enrichment programme	Govt. School, Nanjikottai	Faculty and Students

48. Give details of “beyond syllabus scholarly activities” of the department

Beyond Syllabus Scholarly Activities
NPTEL courses
MOOC
Practical classes for theory paper
Handling classes for school students
Role play

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

- ISO 9001
- ISO 2008

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied-

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths

- Developing communicative skill
- Curriculum has got global competency

- Curriculum has got employability
- Courses on emerging areas
- Updated curriculum
- Academic flexibility
- Earn extra credits
- Syllabus is revised periodically
- Innovative teaching methods adopted
- Language lab
- Multimedia lab

Weaknesses

NIL

Opportunities

- Supplementary exam system
- Lab facility
- MOOC
- MPTEL

Challenges

- To make the rural students efficient in communicating in English

52. Future plans of the department

- To let students earn experiential learning credits.
- To introduce new courses in emerging areas like Creative Writing and Practice, Linguistics and Theatre Studies.
- To organize international conference in the year 2016.

MATHEMATICS

1. Name of the Department - **Mathematics**
2. Year of establishment - **2008**
3. Is the department part of a school/Faculty of the University – Yes
4. Names of programmes offered :

SL No.	UG	PG	Research
1	B.Sc Mathematics,	M.Sc Mathematics	M.Phil Mathematics, Ph.D Mathematics

5. Interdisciplinary programmes and departments involved- Nil
6. Courses in collaboration with other universities, industries, foreign institutions, etc. -**Nil**
7. Details of programmes discontinued, if any, with reasons -**Nil**
8. Examination System: **Semester - Choice Based Credit System.**
9. Participation of the department in the courses offered by other departments –

SL No.	Programme	Title of the course
1	BCA	Allied I: Classical Algebra Allied II: Numerical & Statistical Methods
2	B.Sc Computer Science	Allied I: Classical Algebra Allied II: Numerical & Statistical Methods
3	MCA	Discrete Mathematics
4	M.Com	Operations Research

10. Number of teaching posts sanctioned, filled and actual
(Professors/Associate
Professors/Asst. Professors/others)

Designation	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	2	2	2
Associate Professors	3	3	3
Asst. Professors	10	10	10

11. Faculty profile with name, qualification, designation, area of
specialization, experience and research under guidance

SL. No	Name	Qualifications	Designation	Area of Specialization	No. of Years of Experience
1.	Dr. V.Ramadoss	M.Sc,M.Phil,Ph.D.,	Professor	Stochastic Processes	42
2.	Dr. N.Ethirajalu	M.Sc,M.Phil Ph.D.,	Professor	Fuzzy Neural Network	42
3	Dr. S. Subramanian	M.Sc,M.Phil,Ph.D.,	Associate Prof.	Fuzzy Set Theory	19
4	Dr. R. Balakumar	M.Sc,M.Phil.,Ph.D.,	Associate Prof.	Stochastic processes	7
5	Dr. A.Hariganesh	M.Sc,M.Phil.,Ph.D.,	Associate Prof	Fuzzy Analysis	7
6	Mr. A. Panneer Selvam	M.Sc,M.Phil.,	Assistant Prof.	Image Processing	32
7	Mr. N.Venkatesan	M.Sc.,M.Phil., B.Ed	Assistant Prof.	Graph Theory	16
8	M.Ramesh Kumar	M.Sc.,M.Phil.,	Assistant Prof.	Stochastic Processes	15
9	Ms. B.Amutha	M.Sc.,M.Phil,	Assistant Prof.	Queuing modal	12
10	Ms.G.Radharukmani	M.Sc ,M.Phil,	Assistant Prof.	Graph Theory	6

11	Mr.P.Murugarajan	M.Sc ,M.Phil,	Assistant Prof.	Graph Theory	12
12	M.Karthikeyan	M.Sc.,M.Phil	Assistant Prof.	Queuing modal	
13	S.Tamilarasi	M.Sc.,M.Phil	Assistant Prof.	Stochastic Processes	
14	Mr.B.Senthilkumar	M.Sc.,M.Phil	Assistant Prof.	Operations Research	
15	K.Prabakaran	M.Sc.,M.Phil	Assistant Prof.	Operations Research	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors –
Dr. S. Jaya kumar

Dr. S. Udayakumar

Dr. B.Chellappa

Dr.S.Ramasubramanian

13. Percentage of classes taken by temporary faculty – programme-wise information

Not Applicable

14. Programme-wise Student Teacher Ratio

Programme	Ratio
UG	1:20
PG	1:15
M.Phil	1:3

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual - **administrative staff only 1.**

Academic support staff	Sanctioned	Filled
(technical)	2	2
administrative staff-Clerical	2	2
administrative staff Attender	1	1

16. Research thrust areas as recognized by major funding agencies -Nil
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. - Nil
18. Inter-institutional collaborative projects and associated grants received –
- a) National collaboration - Nil
 - b) International collaboration - Nil
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received - Nil
20. Research facility / centre with
- state recognition - Nil
 - national recognition - Nil
 - international recognition - Special research laboratories sponsored by / created by industry or corporate bodies - Nil
21. Special research laboratories sponsored by/created by industry or corporate bodies - Nil
22. Number of papers published in peer reviewed journals (national / international) -

International Journals

1. S.Subramanian, R.Nagarajan, B.Chellappa, “Bi Polar Q-Fuzzy Left R-Subgroups of Near-Rings”, **International Journal of Computer Applications** (0975-8887), Volume 18-No.1, March 2011.
2. S.Subramanian, R.Nagarajan, B.Chellappa, “Structures on intuitionistic Q-Fuzzy quotient sublattices in terms of Fuzzy Lattice” **International Review of Fuzzy Mathematics**, Volume 9, No.1-2, (January-December 2011) pp 33-43, ISSN 0973-4392.
3. S.Subramanian, R.Nagarajan, A.Mohan “Homomorphic Image of Fuzzy soft Rings with Supremum Property under Triangular Norms”, **International Mathematical Forum**, Volume 7, 2012, No.6, 281-291.

4. S.Subramanian, R.Nagarajan, A.Mohan., “Cartesian Product of Bi Polar Q-Fuzzy Lattice”. **Applied Mathematical Sciences**, Vol.6.2012, no.20,95.
5. R.Nagarajan, S.Subramanian, “Cycle Fuzzy Neutrosopic Soft Group”, *International Journal of Scientific Research*, Volume 3/ Issue:8 / August 2014. ISSN No.2277-8179.
6. R.Nagarajan, S.Subramanian, “Bipolar fuzzy group and Bipolar fuzzy d-ideals”, *International Journal of Engineering Science and Mathematics*, Volume 3/Issue 3/Sep 2013. ISSN No.2320-0294.
7. Lakshmi, S.Balakumar,R., “Optimal Recoupment Policy for a Cumulative Damage Model for a Human System in terms of Aldosterone with Time Deterioration “*International Journal of Mathematical Sciences*” ISSN:0972-754X, Jan-June 2011 Vol.No.1-2, PP: 49-59.
8. Balakumar,R., Lakshmi, S., “Mathematical Modelling of Aldosterone Cost Effect Analysis due to Stress” *International Journal of Mathematical Sciences* ISSN:0972-754X, July – Dec 2012, Vol. II No.3-4, PP: 475-487.
9. Balakumar, R., Lakshmi, S., “Mathematical Model for Obtaining Survival Probabilities of Aldosterone – Producing Adnoma Due to Stress” *International Journal of Engineering Research & Development* ISSN: 2278-067X, Jul-12, Vol.2 Issue 1, PP: 55-62.
10. Jayakumar and A.hari Ganesh, “Fuzzy Multi Criteria Group Decision Making (MCGDM) Approach for Variety Selection in Rice Farming”, *Australlian Journal of Basic and Applied Sciences*, 6(12):308-318, 2012.
11. A.Hari Ganesh and S.Jayakumar, “Ranking of Fuzzy Numbers using Radius of Gyration of Centroids, *International Journal of Basic & Applied Sciences*, 3(I): 17-22,2014.

National Journals

1. Balakumar, R.Lakshmi, S., “Proportional Intensity Model of Non Homogeneous Poission Process for Secretion of Aldosterone in Unilateral Aldosteronoma Patients”” Arya Bhatta Journal of Mathematics & Informatics ISSN: 0975-7139, Jan-June 2011, Vol.3 No.1, PP: 01-06.
2. Lakshmi, S., Balakumar, R., “A stochastic model for finding the survival function of PRA, PA and Plasma ANP of the human subjects by using BTLG model” Global Journal of Mathematics & Mathematical sciences ISSN No.0973-5518, Jan-June 2011, Vol.4, No.1 PP, : 01-15.
3. Lakshmi, S.Balakumar, R.”A Mathematical Model for the Therapy Effort Function to determine Stress Effects in terms of Aldosterone for Human beings” Journal of Indian Academy of Mathematics ISSN: 0970-5120, 2012, Vol.34, No.1, PP:61-71.
4. N.Ethirajalu and A.hari Ganesh, “**Diagnosis of Pyrexia Deceases Using Fuzzy Cluster Analysis**”, Applied Science Periodicals, 2012, Volume XIV.
23. Details of patents and income generated –
Not Available
24. Areas of consultancy and income generated –
Not Available
25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad - Directory, EBSCO host, etc.) -
Not Available

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify) – Not Available

Dr.N.Ethirajalu – Professor, Department of Mathematics

Member	Academic Council	Jamal Mohammed College Autonomous, Trichy
		Sitalakshmi Ramasamy College, Autonomous, Trichy
		National College, Autonomous, Trichy
Member	Senate	Bharathidasan University, Trichy
Chairman	B.Sc., Mathematics Question Paper Setting Board	Bharathiar University, Coimbatore
Member	M.Sc., Mathematics Question Paper Setting Board	University of Madras
		Madurai Kamarajar University
Member	Sub Committee for “Towards question paper setting mathematics	Tamil Nadu State Government

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Date	Program	Title	Organized	Attended
23,24,25 - 2012	National Seminar	National level seminar in herbal knowledge in ancient tamil works	Central institute of classical tamil	Mr.N.Venkatesan
18.11.2013	Workshop	Curriculum	PRIST	Mr.N.Venkatesan

		Reforms	University	
6.6.2015	National Seminar	Educational technologist and E-learning technologies for Indian class rooms in the new millennium	PRIST University	Mr.N.Venkatesan
17 to 19 June, 2009	Training Programme	Instructional Design and Delivery	National Institute of Technical Teachers Training & Research	Dr.R.Balakumar
18.12.2009	Workshop	“Matlab – A Research Tool”	PRIST University	Dr.R.Balakumar
21.07.2010	Workshop	Queuing Theory and its Applications	PRIST University	Dr.R.Balakumar
3 to 8 Jan,2011	Teaching Training Programme	NBHM Sponsored Mathematics	Thiagarajar College of Engineering, Madurai	Dr.R.Balakumar
21,22 Nov, 2012	Workshop	Process Modelling & Simulation	PRIST University	Dr.R.Balakumar
18.12.2009	Workshop	Matlab – A Research Tool	PRIST University	A.Hari Ganesh
21.07.2010	Workshop	Queuing Theory and its Application	PRIST University	A.Hari Ganesh

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects –

in-house projects - 66%

- percentage of students doing projects in collaboration with other universities
/ industry / institute – 34%

29. Awards / recognitions received at the national and international level by

- Faculty - Nil
- Doctoral / post doctoral fellows – Nil
- Students -- Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. –

31. Code of ethics for research followed by the departments

The following are the code of ethics for research followed by the department evolved by the institution

1. Research Data and Records

- a. Research workers must comply with the University's 'Policy on the Management of Research Data and Records' and related policies that may be promulgated from time to time. This policy includes, but it is not limited to, the following requirements –
 - i. data and records should be accurate, complete and in sufficient detail to enable verification of research results and to reflect what was communicated, decided or done;
 - ii. data (including electronic data) must be recorded in a durable and retrievable form, be appropriately indexed and comply with relevant protocols;
 - iii. data must be retained intact for a period of at least five years from the date of any publication which is based upon or longer than this if discussion of results continues, if there are regulatory or sponsor requirements, or if the data has historical or archival value;
 - iv. a research unit or department must establish procedures for retention of data and maintain a register of the data and records and their location; data and records will

normally be kept in the department or unit where the research was conducted;

- v. data forming the basis of publications must be available for discussion with other research workers; where confidentiality provisions apply, the data should be kept in a way that allows reference by third parties without breaching confidentiality; and
- vi. when data are obtained from limited access data bases, or via a contractual arrangement, written indication of the location of the original data, or key information regarding the database from which it was obtained, must be retained by the research worker or research unit

2. Authorship

- a. For a person to be recorded as an author of a publication requires that he or she is directly involved in the creation of the publication by -
 - i. conceiving it, analysing and interpreting the data on which it is based;
 - ii. writing or revising the intellectual content; and
 - iii. giving final approval of the version to be published
- b. The right to authorship is not tied to position or profession; ghost, gift, or honorary authorship is unacceptable. Authorship should honestly reflect the contribution to the work being published. Participation solely in the acquisition of funding or the collection of data is not sufficient for a person to be attributed as an author of a publication.
- c. Any part of an article critical to its main conclusion must be the responsibility of at least one author.
- d. An author's role in a research output must be sufficient for that person to take public responsibility for at least that part of the output in that person's area of expertise.
- e. No person who is an author, consistent with this definition, may be excluded as an author without their permission in writing.
- f. When there is more than one co-author of a research output, one co-author (by agreement amongst the authors) should be nominated as executive author for the purposes of administration and correspondence and when there is more than one co-author of a research output, the authors should discuss and reach agreement on the order in which authors shall be listed.
- g. Other persons who contributed to the work who are not authors should be named in Acknowledgements (where the publisher provides for this, and in a manner consistent with the norms of the research field or discipline). An author must ensure that the work of research students, research assistants and technical

officers is recognised in a publication derived from research to which they have made a contribution.

- h. Research workers must comply with authorship criteria appropriate to their discipline, and/or according to the requirements of the journal their work is to be published in.

3. Publications

- a. Publication of more than one paper based on the same set(s) or subset(s) of data is not acceptable, except where each subsequent paper fully cross-references and acknowledges the earlier paper or papers as the case may be (for example, in a series of closely related work, or where a complete work grew out of a preliminary publication and this is fully acknowledged).
- b. An author who submits substantially similar work to more than one publisher must disclose this to the publishers at the time of submission.
- c. Publications must include information on the sources of financial support for the research and must include a disclosure of any potential conflicts of interest. Financial sponsorship that carries an embargo on such naming of a sponsor should be avoided.

4. Supervision of Students Undertaking Research

Supervision of research higher degree students must be carried out in accordance with the Supervision of Research Higher Degree Students Policy.

5. Conflict of Interest

- a. A research worker has a conflict of interest in any circumstances where that person has a real, perceived or potential opportunity to prefer their own interests, or those of any other person or organisation, to the interests of the University. Examples of conflicts of interest in research include but are not limited to situations -
 - i. where the research is sponsored by a related body;
 - ii. where the researcher or a related body may benefit, directly or indirectly, from any inappropriate dissemination of research results (including any delay in or restriction upon publication of such results);
 - iii. where the researcher or a related body may benefit, directly or indirectly, from the use of University resources;

- iv. where the researcher conducts a clinical trial which is sponsored by any person or organisation with a significant interest in the results of the trial.
- v. where private benefits or significant personal or professional advantage are dependent on research outcomes

A related body is any person or body with which the researcher has an affiliation or a financial involvement.

A financial involvement includes a direct or indirect financial interest, provision of benefits (such as travel and accommodation) and provision of materials or facilities.

An indirect financial interest is a financial interest or benefit derived by the researcher's relatives, personal or business associates, or research students.

It is important to recognise that real or perceived opportunities to give preference to personal interests arise from competing obligations and can be other than financial.

- b. The responsibility for managing a conflict of interest rests, in the first instance, with the individual.
 - i. A research worker must make a full disclosure of a conflict of interest or of circumstances that might give rise to a perceived or potential conflict of interest as soon as reasonably practicable as follows -
 - A. where the research worker is a head of department, to the dean of the relevant faculty;
 - B. where the research worker is a dean of a faculty, to the deputy vice-chancellor (research);
 - C. in all other cases, to the research worker's head of department.

For the conduct of clinical trials, full disclosure must include the nature of the sponsorship and the relationships between the sponsor, trial subjects and the clinical investigator.

- c. Disclosures shall be handled as follows -
 - i. the officer in receipt of the disclosure referred in paragraph (i) above must discuss the matter with the staff member concerned determine a procedure for the management or elimination of the conflict of interest. The procedure must be documented and the research

- worker advised in writing and a copy of the agreement held in the department's records.
- ii. a research worker must comply with the direction of the officer referred to in section 5 (e)(i) above in relation to the management of the conflict of interest.
 - iii. unless involved directly, it is the responsibility of heads of departments to ensure that conflicts of interest in research involving their staff members are managed appropriately.
 - iv. when a head of department has a conflict of interest in research, the dean of the faculty will be responsible for recommending to the deputy vice-chancellor (Research) appropriate management arrangements.
 - v. when a dean of faculty has a conflict of interest in research, the deputy vice-chancellor (Research) will be responsible for recommending to the vice-chancellor appropriate management arrangements.
- d. a head of department must not be a director of any organisation sponsoring research in that department or have a direct or indirect financial interest in excess of 5% equity in such an organisation unless full disclosure has been made and the vice-chancellor has approved an exception to this policy.
 - e. the deputy vice-chancellor (Research), when deciding whether to accept sponsored research or contract research funding on behalf of the University, may seek information regarding disclosure and management of any conflict of interest that may result.

6. ADDITIONAL REQUIREMENTS

- a) Any special standards of work performance and ethical conduct imposed by law or by the University in relation to particular categories of research are deemed to be included in this code in its application to persons engaged in that kind of research in the University. These include that where research procedures are of a kind requiring approval by a human or animal ethics committee, gene technology and biosafety Committee or by a safety or other validly constituted regulatory committees, research must not proceed without such prior approval.
- b) Research workers should endeavour to safeguard the interests of all parties in relation to intellectual property in accordance with the Intellectual Property Statute of the University and other guidelines as may be promulgated from time to time.
- c) Every research worker should be provided with access to material on applicable institutional guidelines for the conduct of research, including those covering ethical requirements for studies on humans or

animals, requirements for confidentiality, and occupational health and safety matters.

- d) Academic staff must make a declaration as part of their annual reporting requirements that they have complied with the provisions of the code.

7. RESEARCH MISCONDUCT

- i. Research misconduct is constituted by a failure to comply with the principles or specific provisions of the code and includes but is not limited to conduct in, or in connection with, research that is (a) dishonest, reckless or negligent and (b) seriously deviates from accepted standards within the scientific and scholarly community for proposing, conducting or reporting research, such as following, includes -
 - a. the fabrication or falsification of data or results,
 - b. the use of another person's ideas, work or data without appropriate acknowledgement,
 - c. misleading ascription of authorship to a publication including the listing of authors without their permission, attributing work to people who have not in fact contributed to the publication, the lack of appropriate acknowledgement of work primarily produced by a research student/trainee or associate, and
 - d. failure to disclose conflicts of interest or cases where a conflict of interest might reasonably be perceived to exist.
- ii. Allegations of misconduct in research by students will be dealt by Student Academic Discipline Committee

32. Student profile programme-wise:

Name of the Programme	Applications received		Selected		Pass percentage	
	Male	Female	Male	Female	Male	Female
B.Sc Maths -2010-11	-		-	-	-	-
B.Sc Maths -2011-12	3	5	1	4	100%	100%
B.Sc Maths -2012-13	4	8	2	7	100%	100%
B.Sc Maths -2013-14	4	13	-	12	100%	100%
B.Sc Maths -2014-15	6	8	3	8	100%	100%
B.Sc Maths -2015-16	3	10	1	9	100%	100%

Name of the Programme	Applications Received		Selected		Pass percentage	
	Male	Female	Male	Female	Male	Female
M.Phil Maths -2010-11	12	28	12	20	100%	100%
M.Phil Maths 2011-12	13	30	10	24	100%	100%
M.Phil Maths -2012-13	8	12	5	11	100%	100%
M.Phil Maths 2013-14	6	13	5	9	100%	100%
M.Phil Maths 2014-15	12	20	12	17	100%	100%
M.Phil Maths 2015-16	6	15	2	4	100%	100%

33. Diversity of students

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students From universities outside the State	% of students from other countries
M.Phil Maths -2010-11	-	100%	-	-
M.Phil Maths 2011-12	-	100%	-	-
M.Phil Maths -2012-13	-	100%	-	-
M.Phil Maths 2013-14	-	100%	-	-
M.Phil Maths 2014-15	-	100%	-	-
M.Phil Maths 2015-16	-	100%	-	-

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Competitive examinations – 10

SL No.	Reg. No.	Name	Designation	Department
1	22081620003	Rajeshwari . C	PG Teacher	Education
2	22081620008	Vidhya. S. R	PG Teacher	Education
3	22091620004	Sathiya.P	PG Teacher	Education
4	22091620001	Manikandan . C	BT Teacher	Education
5	22081090008	Nirja.S	Jr Assistant	Electricity Board
6	22081090004	Kayalkanni.K	VAO	Revenue Department
7	22091090005	Deenadhayalan . A	BT Teacher	Education
8	22091090006	Iyappan . R	Sub-Inspector	Uniform Service
9	22091090024	Karthika.S	Assistant BDO	Rural Development
10	22091090023	Kanmani.M	Clerk	Bank

Private Sector

- 20

SL No.	Reg. No.	Name	Designation	Department
1	22081620001	Ditchila . R	Assistant Profesor	Engineering College
2	22081620002	Latha.M	Assistant Profesor	Arts College
3	22081620006	Sindhuja . N	Clerk	Nationalised Bank

4	22081620005	Saritha.M	PG Teacher	Education
5	22091620005	Sindhuja.k	PG Teacher	Education
6	22091620002	Anuradha . R	System Analysist	CTS,Chennai
7	22008109009	Ramya.M	Clerk	ICICI Bank
8	22091090002	Arivukkarasi . T	Teacher	CBSE School
9	22091090007	Krishnakumar. M	Agent	Insurance Dept.
10	22091090014	Vignesh.A	Accountant	HDFC Bank
11	22091090018	Fathima Nanchiya.M	BT Teacher	Education
12	22091090021	Imrana parveen.M	BT Teacher	Education
13	22091090025	Mahalakshmi.j	DTP Operator	Revenue Department
14	22091090028	Ramya.S	Clerk	CUB
15	22111090003	Arulmozhi.V	BT Teacher	Education
16	22121090002	Dheenadayalan.M.P	System Analysist	IT Field
17	22121090007	Priya.N	Clerk	ICICI Bank
18	22081620007	Sulthana.A	PG Teacher	Education
19	22081090010	Sanjeev Kumar.N	Agent	Insurance Dept.
20	22081090002	Jothi.K	BT Teacher	Education

35. Student progression

Student progression	Percentage against enrolled
UG to PG	-
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	
<input type="checkbox"/> Campus selection	5%
<input type="checkbox"/> Other than campus recruitment	20%
Entrepreneurs	2%

36. Diversity of staff

Percentage of faculty who are graduates of

The same university	Nil
from other universities within the State from	100%
universities from other States from universities	Nil
outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Ph.D - 3

38. Present details of departmental infrastructural facilities with regard to

a) Library

No. of titles	55
No. of Volumes	135

b) Internet facilities for staff and students – 8 MBps

c) Total number of class rooms – 6

- d) Class rooms with ICT facility - 6
 - e) Students' laboratories - 1
 - f) Research laboratories - **Nil**
39. List of doctoral, post-doctoral students and Research Associates -Nil
40. Number of post graduate students getting financial assistance from the university -Nil.
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology –Yes, Getting feedback from slow learners , advanced learners , alumni, parents, industry specialists outgoing students and discussed through BOS meeting held every year.
42. Does the department obtain feedback from
- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
Yes, for designing and revising the curriculum based on the feedback through Board of studies meeting.
 - b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Yes, To improve teaching and learning
 - c. alumni and employers on the programmes offered and how does the department utilize the feedback?
Yes, for designing and revising the curriculum to make the graduates that ensures employable and globally competend.
43. List the distinguished alumni of the department (maximum 10)
R.Anuradha, (M.Sc Mathematics CTS, Chennai)
R.Iyappan (B.Sc Mathematics, Inspector of Police, Perambalur)
S. Nirja (B.Sc Mathematics, Junior Assistant, TNEB)
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
Special lectures arranged involving external experts.

S. No	Department	Date	Name of the Event	Resource Persons
1	Mathematics	11.7.2010	Guest Lecture	Dr. S. Jayakumar Reader in Mathematics, AVVM Sri Pushpam College. Poondi
2	Mathematics	27.10.2010	Lecture	R.Anuradha I M.Sc Maths PRIST UNIVERSITY Thanjavur
3	Mathematics	26.1.2011	Guest Lecture	Dr..A.Nagoorgani Reader in Mathematics Jamal Mohamed College, Trichy
4	Mathematics	22.8.2011	Guest Lecture	Mr.N.Veerapaniyan M.Sc., M.PhIL. Lecturer in Mathematics, Kadhir Mohaideen College, Adiramapattinam,
5	Mathematics	8.2.2012	Guest Lecture	Dr. G.Gomahan Associate Prof. In Mathematics , AVVM Sri Pushpam College. Poondi
6	Mathematics	15.10.2012	Lecture	Mr. N.Venkatesan Assistant Prof. PRIST UNIVERSITY Thanjavur
7	Mathematics	12.12.2012	Guest Lecture	Dr. K.Gunasekaran Associate Prof. Arts Govt. College(Men) Kimbakonam
8	Mathematics	13.2.2013	Guest Lecture	Dr. N.Rajesh Assistant Prof. Rajah Serfoji College, Thanjavur
9	Mathematics	24.7.2013	Guest Lecture	Mr. G.Sivakumar Assistant Prof AVVM Sri Pushpam College. Poondi
10	Mathematics	27.1.2014	Guest Lecture	Dr. S.Chandrasekar Head in Mathematics, Kadhir Mohaideen College, Adiramapattinam
11	Mathematics	12.9.2014	Guest Lecture	Mr. K.Mohammed Ali Associate Prof. Mathematics Jamal Mohamed College, Trichy
12	Mathematics	2.2.2015	Guest Lecture	Dr. G.Ramesh Associate Prof. Govt. Arts College(Men) Kimbakonam
13	Mathematics	4.8.2015	Guest Lecture	Dr. K.Vijaya Assistant Prof Maruthupaniyar College Thanjavur

45. List the teaching methods adopted by the faculty for different programmes.

Innovative Teaching Methods

**PPT,
Special Assignment,
Peer Tutoring,
NPTEL,
MOOC Courses**

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Objective Evaluation:

- The evaluation processes to achieve educational objectives are based on the input from alumni and industries.
- These inputs are considered by the members of board of studies on part of the curriculum revision.
- These recommendations are implemented by the vital steps taken by internal mechanisms.

Outcome Assessment:

- The program outcome assessment involves the exploitation of tools like internal assessment, feedback survey and a series of action taken during the academic cycle.
- The board of studies members meet annually to review the inputs from various surveys and also provide their own recommendations for program improvement.

47. Highlight the participation of students and faculty in extension activities.
Students are participated in NSS programme

S. No	Department	Date	Name of the Event	Resource Persons
1	Mathematics	10.7.11	The Department of Mathematics organized NSS program at Thennamanadu Govt. High School	PRIST University Chancellor
3	Mathematics	13.8.12	The Department of Mathematics organized NSS program at Malathirupanthuruthi Tree Plantation at Pusphavaneshwarar Temple	-
4	Mathematics	2.9.13	The Department of Mathematics organized NSS program at Arsuthipattu Govt. High School	-
5.	Mathematics	17.9.14	The festival of the <i>plantation</i> of the <i>saplings</i> .	-

48. Give details of “beyond syllabus scholarly activities” of the department.
Seminars and Lectures
Students are participated in Inter Collegiate Quiz & Circuit Debugging Competition

Name	Reg. No.	Participated in	Date
S.Anitha , S.Sowmiya , R.Shanmuga sundari	22091090001 22091090034 22091090028	SESQUI Centenary Mathematics Olympiad at St.Joseph college Trichy	21.02.2012
Arulmozhi.V Ponkiruba Pushpam Suriya.S	22111090003 22111090004 22111090005	Handling the mathematical classes for middle school students At Puthpattinam illage	10,11,12.- 2.2014
Akila.T Hemaavathi.M Soundharya.M	22121090003 22121090005 22121090008	Conducting Quiz programming middle school students at soorakottai	7.1.2015

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. ISO 9001-2008
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

A special seminar conducted on the applications of math lab for a final year students to get the basic knowledge for the benefits applying matrices in higher education .
Organized the special workshop on using mathematical tools in excel for benefit of first year students to enhance their computer knowledge.
Organized the special workshop on using mathematical tools in SPSS for benefit of third year students to enhance their computer knowledge.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

STRENGTH

- Good favorable location atmosphere with all facilities.
- Experienced Staff.
- Convenient transport facilities.
- College buses also.
- Offering of job oriented courses.(Banking, Insurance, Entrepreneurial Development).
- Scope for inter disciplinary courses.

WEAKNESS

- Rural background problems.
- More new colleges coming in and around our institution which affect admission Strength.

OPPERTUNITIES

- Entrepreneurship development -Self employed chances.
- Professional practices. Tax practices-Accountant practices-scope for contract business
- Good employment opportunities
- Computer Application with Tally.
- Arranging campus interview.
- Research Thrust areas

CHALLENGES

- Competition from current trend courses at PG level.

- Students with non-mathematics are not coming to mathematics Courses.
- Shy approach of Rural background students.
- More and More new colleges.

More and More new similar programs offered by such new colleges.

52. Future plans of the department.

- **To start five years M.Sc Mathematics integrated course**
- **Encourage all staff members to Pursue Ph.D.**

PHYSICS

1. Name of the Department - PHYSICS
2. Year of establishment - 2008
3. Is the department part of a school/Faculty of the university- Yes
4. Names of programmes offered

S.No	Name of the Programme Offered	Remarks (UG/PG/M.Phil/Ph.D)
1	B.Sc., Physics	UG
2	M.Sc., Physics	PG
3	M.Phil (Physics)	M.Phil
4	Ph.D.,	Ph.D

5. Interdisciplinary programmes and departments involved: NIL
6. Courses in collaboration with other universities, industries, foreign institutions, etc. –NIL
7. Details of programmes discontinued, if any, with reasons -NIL
8. Examination System: Semester - Choice Based Credit System.-Choice Based Credit System
9. Participation of the department in the courses offered by other departments

S.No	Name of the courses handled for other departments	Name of the other department
1	Engineering physics I & II & Physics laboratory classes	B.E/B.Tech – I Year
2	Applied Physics I & II, Microprocessor and its applications, Microprocessor Lab, Applied Physics lab I & II	B.Sc (Computer Science)
3	Electricity and electronics, Digital Electronics, Computer Organization and Architecture, Allied Physics lab I	BCA

10. Number of teaching posts sanctioned, filled and actual
(Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual(including CAS and MPS)
Professor	1	1	1
Associate Professors	2	2	2
Assistant Professors	5	5	5
Others	1	1	1

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

S.No	Name	Qualifications	Designation	Area of Specialization	No.of years of Experience	No.of Ph.D/M.Phil, Students guided for the last 4 years
1	Dr.V.Manivanan	M.Sc,M.Phil, Ph.D.	Professor	Astro-physics & Crystallography	33	6 +2
2	Dr.S.Subashchandrabose	M.Sc., M.Phil.,Ph.D	Asso.Prof	Thinfilm	6	-
3	Dr.M.Sivanantham	M.Sc., M.Phil.,Ph.D	Asso.Prof	Thinfilm	6	-
4	Mr.A.Manivasaham	M.Sc., M.Phil.,	Asst. Prof	Crystal growth	15	25
5	Mr.K.Swaminathan	M.Sc., M.Phil.,	Asst. Prof	Crystal growth	15	-
6	Mrs.V.Vidhya	M.Sc., M.Phil.,	Asst. Prof	Crystal growth	4	28
7	Mrs.V.Nathiya	M.Sc., M.Phil.,	Asst. Prof	Crystal growth	1	12
8	Mrs.K.Ilakkiya	M.Sc., M.Phil.,	Asst. Prof	Crystal growth	1	13

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: NIL

13. Percentage of classes taken by temporary faculty – programme-wise information –NIL

14. Programme-wise Student Teacher Ratio

S.No	Programme	Ratio
1	UG	1:20
2	PG	1:15
3	M.Phil.	1:3

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual - Technical Staff-1

16. Research thrust areas as recognized by major funding agencies -NIL

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. – NIL

18. Inter-institutional collaborative projects and associated grants received – NIL

- a) National collaboration – NIL
- b) International collaboration –NIL

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received - Nil.

20. Research facility / centre with

- state recognition –NIL
- national recognition – Center Crystallography and thin film
- international recognition -NIL

21. Special research laboratories sponsored by / created by industry or corporate bodies -NIL

22. Publications:

- * Number of papers published in peer reviewed journals
(national / international) -50

SOME OF THE PUBLICATION DETAILS WITH IMPACT FACTOR

S.No	Title	Author's Name	Name of the Publisher
1.	“Optical and microhardness studies of semiorganic nonlinear optical material:L-histidine tetrafluoroborate”	J. Ramajothi and S. Dhanuskodi	Crystal Research and Technology 38, (2003) 986 – 991
2.	Crystal growth, thermal, optical and microhardness studies of tris(thiourea) zinc sulphate - a semiorganic nonlinear optical material	J.Ramajothi, S. Dhanuskodi, and K. Nagarajan	Crystal Research and Technology 39, (2004) 414 – 420.
3.	Crystal growth, thermal and optical studies of L-histidine tetrafluoroborate- a semiorganic NLO material	S. Dhanuskodi and J. Ramajothi	Crystal Research and Technology 39, (2004) 592-597.
4.	L-Histidinium tetrafluorosuccinate	M. Akkurt, S. Ozturk, J. Ramajothi, O. Buyukgungor, and S. Dhanuskodi	Acta Crystallographica Section E 60, (2004) 0481-0483.
5.	Structural and microhardness study of Bis(thiourea) cadmium chloride	A. Pricilla Jeyakumari, J. Ramajothi, and S. Dhanuskodi	Journal of Crystal Growth 269, (2004) 558 – 564.
6.	Poly[[triaquacadmium (II)- μ_3 -lactato] dilactatoboron (1-)]	M. Akkurt, S. Ozturk, J. Ramajothi, O. Buyukgungor, and S. Dhanuskodi	Acta Crystallographica Section E 61, (2004) m632-m634
7.	Crystal growth, thermal and optical studies on phase matchable new organic NLO material for blue-green laser	J. Ramajothi and S.Dhanuskodi	Journal of Crystal Growth 289, (2006) 217-

	generation		223
8.	Crystal growth, thermal and optical studies on semiorganic nonlinear optical materials for blue green laser generation	J. Ramajothi and S. Dhanuskodi	Spectrochimica Acta Part A 68, (2007)1213-1219
9.	Crystal growth of phase matchable new organic nonlinear optical material for UV laser generation	J. Ramajothi, S. Dhanuskodi and M. Akkurt	Spectrochimica Acta Part A 69, (2008)1271-1276.
10.	Novel nonlinear optical material with Poly(3-hexylthiophene) thin film prepared on quartz glass surface modified by self-assembled monolayer.	S. Ochiai, S. Mototani, J. Ramajothi, K. Kojima, and T. Mizutani	SPIE, Vol. 7049, (2008) 70490S
11.	Optical bistability of waveguide consisting of Poly(3-hexylthiophene)/Polymethylmethacrylate composite film	S. Ochiai, S. Mototani, J. Ramajothi, K. Kojima, and T. Mizutani	SPIE, Vol. 7049, (2008) 70490E.
12.	Performance of organic field-effect transistor based on Poly(3-hexylthiophene) as a semiconductor and titanium dioxide gate dielectrics by the solution process	J. Ramajothi, S. Ochiai, K. Kojima, and T. Mizutani	Appl. Phys. Vol. 47, No. 11 (2008) 8279-8283.
13.	Optical bistability of Poly(3-hexylthiophene)/polymethylmethacrylate composite thin film treated by organic gas	J. J. Ramajothi, S. Ochiai, K. Isogai, K. Kojima, and T. Mizutani	Review of Laser Engineering Vol. 36, No. 12 (2008) 818-821.
14.	Optical bistability of quasi-waveguide of Poly(3-octylthiophene)/Polymethylmethacrylate composite film	J. Ramajothi, S. Ochiai, K. Kojima, and T. Mizutani	IEICE Vol. 108, (2009) 13-18.
15.	Optical bistability of spin coated Poly(3-hexylthiophene)(P3HT)/PMMA composite thin film	J. Ramajothi, S. Ochiai, N. P. Rajesh, K. Sethuraman, A. Ohashi, K. Kojima,	Review of Laser Engineering 36 (2008) 1291-1294.

		K. Kojima, and T. Mizutani	
16.	Structural and vibrational studies on 1-(5-Methyl-[1, 3, 4] thiadiazol-2-yl)-pyrrolidin-2-ol,	N Ramesh Babu, H.Saleem, S Subashchandrabo se , M Syed Ali Padusha, S Bharanidharan,	Spectrochim. Acta A, 152 (2015) 252-261. IF: 2.163.
17.	Vibrational studies on (<i>E</i>)-1-((Pyridine-2-yl) methylene) semicarbazide using experimental and theoretical method,	S.Subashchandra bose , N. Ramesh Babu, H. Saleem, M. Syed Ali Padusha, J.	Mol. Struc. 254-263 (2015) 1094. IF: 1.585.
18.	Crystal structure of ethyl (2 <i>S</i>)-9-methoxy-2-methyl-4-oxo-3,4,5,6-tetrahydro-2H- 2,6-methanobenzo[g][1,3,5]oxadiazocine-11-carboxylate,	A. Dhandapani, S. Manivarman, S. Subashchandrabo se and B. Gunasekaran	Acta Cryst. (2015). E71, o117–o118. IF: 0.347.
19.	Vibrational Spectroscopy investigation and density functional theory calculations on (<i>E</i>)-N'-(4-methoxybenzylidene) benzohydrazide,	H. Saleem, S. Subashchandrabo se* , N. Ramesh Babu, M. Syed Ali	Padusha, Spectrochimica Acta Part A 143 (2015) 230–241. IF: 2.163.
20.	Synthesis and spectroscopical study of Rhodanine derivative using DFT approaches, Spectrochim.	R. Anbarasan, A. Dhandapani, S. Manivarman H.Saleem S.Subashchandrabo se	Acta A, 146 (2015) 261-272. IF: 2.163.
21.	Structural and Non-linear optical behavior analysis of 1-(3-methoxyphenyl)-5-Phenyl-2, 4-Pentadiene-3-one using DFT calculations,	D. Sumathi ¹ , H. Saleem, S. Srinivasan, S. Manivarman, S. Subashchandrabose , A.Dhandapani	Indian journal of Applied research, xx (2015) xx-xx.
22.	Synthesis and spectral characterization of hydrazone derivative of furfural using	N. Ramesh Babu, S.Subashchandrabo se , M.Syed Ali	Acta Part A: Molecular and

	experimental and DFT methods, Spectrochimica	Padusha, H. Saleem, Y. Erdog̃du,	Biomolecular Spectroscopy Volume 120 (2014) 314-322. IF:2.163
23.	Synthesis and structural characterization of (E)-N1-((Pyridin-2-yl)methylene)benzohydrazide by X-ray diffraction, FT-IR, FT-Raman and DFT methods,	N. Ramesh Babu, S.Subashchandrabo se, M.Syed Ali Padusha, H. Saleem, V.Manivannan,	Journal of Molecular Structure, 1072 (2014) 84-93. IF: 1.585
24.	Structural and vibrational studies on (E)-1-(4-methoxybenzylidene) semicarbazide (MBSC) using experimental and DFT methods.,	N.Ramesh Babu, S.Subashchandrabo se, M.Syed Ali Padusha, H. Saleem	Indian journal of Applied research, 4 (2014) 2249-555X.
25.	Molecular structure and vibrational analysis on (E)-1-(3-methyl-2,6-diphenyl piperidin-4-ylidene) semicarbazide, ,	A. Dhandapani, S.Manivarman, S.Subashchandrabo se, H. Saleem	Journal of Molecular Structure, Volume 1058 (2014) 41-50. IF: 1.585.
26.	Vibrational and conformational analysis on N1-N2-bis((pyridine-4-yl)methylene)benzene-1,2-diamine,	S.Subashchandra bose, C.Meganathan, Y.Erdog̃du, H.Saleem, C.Jajkumar, P.Latha	Journal of Molecular Structure, Volume 1042, (2013) 37-44. IF: 1.585
27.	FT-IR, FT-Raman spectral and conformational studies on (E)-2-(2-hydroxybenzylidenamino)-3-(1H-indol-3yl) propionic acid, Spectrochimica Acta Part A: Molecular and Biomolecular	Saleem, H., Subashchandrabo se, S., Erdogdu, Y., Thanikachalam, V., Jayabharathi, J.	Spectroscopy, volume 101, issue, year (2013) pp. 91 – 99. IF:2.163
28.	Structural and vibrational studies on (E)-2-(2-hydroxybenzyliden amino)-3-phenyl propionic acid using experimental and DFT methods.	H. Saleem, Y. Erdogdu, S.Subashchandrabo se, V.Thanikachalam, J. Jayabharathi,	Journal of Molecular Structure, vol.1030 (2012) 157-167. IF: 1.585.

29.	Structural, vibrational and hyperpolarizability calculation of (E)-2-(2-hydroxybenzylideneamino)-3-methylbutanoic acid,	Subashchandrabo S. , Saleem, H., Erdogdu, Y., Dereli, Ö., Thanikachalam, V., Jayabharathi, J.	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, volume 86, issue , year (2012) pp. 231 – 241. IF:2.163
30.	FT-Raman, FT-IR spectral and DFT studies on (E)-1-4-Nitrobenzylidenethio-carbonohydrazide,	Thanikachalam, V., Periyayagamasamy, V., Jayabharathi, J., Manikandan, G., Saleem, H., Subashchandrabo S. , Erdogdu, Y,	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, volume 87, issue , year (2012), pp. 86 - 95. IF:2.163.
31.	1. FT-Raman, FT-IR spectra and total energy distribution of 3-pentyl-2,6-diphenylpiperidin-4-one: DFT method,	Subashchandrabo S. , Saleem, H., Erdogdu, Y., Rajarajan, G., Thanikachalam, V.	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, volume 82, issue 1, year 2011, pp. 260 – 269. IF:2.163.
32.	FT-IR, FT-Raman spectra and scaled quantum mechanical study of 4-amino-1-benzylpiperidine, ,	Chandra, S., Saleem, H., Erdogdu, Y., Subashchandrabo S. , Krishnan	A.R., Gulluoglu, M.T., Journal of Molecular Structure, volume 998, issue 1-3,

23. Details of patents and income generated - NIL

24. Areas of consultancy and income generated - NIL

25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad - Directory, EBSCO host, etc.) - Yes

Foreign Visit and Invited Special lecture I

Dr. J. Ramajothi has been invited by Prof. Shizuyasu Ochiai, Dept. of Electrical Engineering, Aichi Institute of Technology, Toyota, Japan to give special lecture and research work in his University Department as part of the Green Energy Project. I have given special lectures entitled “**Development and applications of organic nonlinear optical materials**” in the Department of Electrical Engineering, Aichi Institute of Technology, Toyota in the period 15-06-2012 to 29-06-2012.

Foreign Visit and Invited Special lecture II

Prof. Shizuyasu Ochiai, Dept. of Electrical Engineering, Aichi Institute of Technology, Toyota, Japan has invited Dr. J. Ramajothi to give special lecture and do research work in his University Department as part of the Green Energy Project. I have given an special lectures entitled “**Organic materials for solar cell fabrications**” in the Department of Electrical Engineering, Aichi Institute of Technology, Toyota in the period 03-06-2013 to 08-06-2013.

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards
- d) any other (please specify) – NIL

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

S. No	Name of the staff	Name of the orientation program	Organization by	Attended date on
1	Mr.K.Swaminathan	Instruction design and delivery system	NITTTR	30 th -4 th FEB 2012
2	Mr.A.Manivasaham	Instruction design and delivery system	NITTTR	30 th -4 th FEB 2012
3	Dr. J. Ramajothi	NPTEL	PRIST University	3-APR 2013
4	Dr. J. Ramajothi	Synthesis, Growth, Thermal and Optical Studies of Nonlinear Optical Materials Based on Metal complexes of Thiourea	Kalasalingam University, India	March 4-5, 2011.
5	Dr. J. Ramajothi	Structural and optical studies in the conductive cadmium oxide thin film fabricated by spray pyrolysis technique	Indo-US workshop, PRIST University	Dec.-4-6-2012.
6	Dr. J. Ramajothi	Structure determination of crystalline materials by spectroscopy and XRD Analysis	Indo-US workshop, PRIST University	Dec.-4-6-2012.
7.	Dr. V. Manivannan	Seventh Indo-US International Workshop on Mathematical Chemistry	Research and Development/ PRIST University	4-6 Dec, 2012

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects - NIL
- percentage of students doing projects in collaboration with other universities
/ industry / institute – NIL
/

29. Awards / recognitions received at the national and international level by

- Faculty - No
- Doctoral / post doctoral fellows – Yes

S.No	Name of the Staff	Post Doctoral at
1.	Dr.J.Ramajothi	Japan
2.	Dr.M.Sivanantham	Japan

- Students –

Mr. R. Muraleedharan, Research scholar doing Ph.D., under the guidance of Dr. J. Ramajothi, received “Best Paper Presentation Award” in the National Seminar on Novel Materials (NSNM-2013) organized by Dept. of Physics, Shivani Engineering college, Tiruchirappalli – on March 8th, 2013

30. Seminars/ Conferences/Workshops organized and the source of funding (national / International) with details of outstanding participants, if any.

Date	Title	Resource Person
20 th February 2013	Semiconductors and organic polymer solar cell	Prof. Dr. Shizuyasu Ochiai from Aichi Institute of Technology, Toyota, Japan
21 th February 2013	Fundamental technology of solar cell	Prof. Dr. Shizuyasu Ochiai from Aichi Institute of Technology, Toyota, Japan

31. Code of ethics for research followed by the departments –Yes

The following are the code of ethics for research followed by the department evolved by the institution

1. Research Data and Records

- a. Research workers must comply with the University's 'Policy on the Management of Research Data and Records' and related policies that may be promulgated from time to time. This policy includes, but it is not limited to, the following requirements –
 - i. data and records should be accurate, complete and in sufficient detail to enable verification of research results and to reflect what was communicated, decided or done;
 - ii. data (including electronic data) must be recorded in a durable and retrievable form, be appropriately indexed and comply with relevant protocols;
 - iii. data must be retained intact for a period of at least five years from the date of any publication which is based upon or longer than this if discussion of results continues, if there are regulatory or sponsor requirements, or if the data has historical or archival value;
 - iv. a research unit or department must establish procedures for retention of data and maintain a register of the data and records and their location; data and records will normally be kept in the department or unit where the research was conducted;
 - v. data forming the basis of publications must be available for discussion with other research workers; where confidentiality provisions apply, the data should be kept in a way that allows reference by third parties without breaching confidentiality; and
 - vi. when data are obtained from limited access data bases, or via a contractual arrangement, written indication of the location of the original data, or key information regarding the database from which it was obtained, must be retained by the research worker or research unit

2. Authorship

- a. For a person to be recorded as an author of a publication requires that he or she is directly involved in the creation of the publication by -
 - i. conceiving it, analysing and interpreting the data on which it is based;
 - ii. writing or revising the intellectual content; and
 - iii. giving final approval of the version to be published
- b. The right to authorship is not tied to position or profession; ghost, gift, or honorary authorship is unacceptable. Authorship should honestly reflect the contribution to the work being published. Participation solely in the acquisition of funding or

the collection of data is not sufficient for a person to be attributed as an author of a publication.

- c. Any part of an article critical to its main conclusion must be the responsibility of at least one author.
- d. An author's role in a research output must be sufficient for that person to take public responsibility for at least that part of the output in that person's area of expertise.
- e. No person who is an author, consistent with this definition, may be excluded as an author without their permission in writing.
- f. When there is more than one co-author of a research output, one co-author (by agreement amongst the authors) should be nominated as executive author for the purposes of administration and correspondence and when there is more than one co-author of a research output, the authors should discuss and reach agreement on the order in which authors shall be listed.
- g. Other persons who contributed to the work who are not authors should be named in Acknowledgements (where the publisher provides for this, and in a manner consistent with the norms of the research field or discipline). An author must ensure that the work of research students, research assistants and technical officers is recognised in a publication derived from research to which they have made a contribution.
- h. Research workers must comply with authorship criteria appropriate to their discipline, and/or according to the requirements of the journal their work is to be published in.

3. Publications

- a. Publication of more than one paper based on the same set(s) or subset(s) of data is not acceptable, except where each subsequent paper fully cross-references and acknowledges the earlier paper or papers as the case may be (for example, in a series of closely related work, or where a complete work grew out of a preliminary publication and this is fully acknowledged).
- b. An author who submits substantially similar work to more than one publisher must disclose this to the publishers at the time of submission.
- c. Publications must include information on the sources of financial support for the research and must include a disclosure of any potential conflicts of interest. Financial sponsorship that carries an embargo on such naming of a sponsor should be avoided.

4. Supervision of Students Undertaking Research

Supervision of research higher degree students must be carried out in accordance with the Supervision of Research Higher Degree Students Policy.

5. Conflict of Interest

- a. A research worker has a conflict of interest in any circumstances where that person has a real, perceived or potential opportunity to prefer their own interests, or those of any other person or organisation, to the interests of the University. Examples of conflicts of interest in research include but are not limited to situations -
 - i. where the research is sponsored by a related body;
 - ii. where the researcher or a related body may benefit, directly or indirectly, from any inappropriate dissemination of research results (including any delay in or restriction upon publication of such results);
 - iii. where the researcher or a related body may benefit, directly or indirectly, from the use of University resources;
 - iv. where the researcher conducts a clinical trial which is sponsored by any person or organisation with a significant interest in the results of the trial.
 - v. where private benefits or significant personal or professional advantage are dependent on research outcomes

A related body is any person or body with which the researcher has an affiliation or a financial involvement.

A financial involvement includes a direct or indirect financial interest, provision of benefits (such as travel and accommodation) and provision of materials or facilities.

An indirect financial interest is a financial interest or benefit derived by the researcher's relatives, personal or business associates, or research students.

It is important to recognise that real or perceived opportunities to give preference to personal interests arise from competing obligations and can be other than financial.

- b. The responsibility for managing a conflict of interest rests, in the first instance, with the individual.
 - i. A research worker must make a full disclosure of a conflict of interest or of circumstances that might give rise to a perceived or potential conflict of interest as soon as reasonably practicable as follows -
 - A. where the research worker is a head of department, to the dean of the relevant faculty;
 - B. where the research worker is a dean of a faculty, to the deputy vice-chancellor (research);
 - C. in all other cases, to the research worker's head of department.

For the conduct of clinical trials, full disclosure must include the nature of the sponsorship and the relationships between the sponsor, trial subjects and the clinical investigator.

- c. Disclosures shall be handled as follows -
 - i. the officer in receipt of the disclosure referred in paragraph (i) above must discuss the matter with the staff member concerned determine a procedure for the management or elimination of the conflict of interest. The procedure must be documented and the research worker advised in writing and a copy of the agreement held in the department's records.
 - ii. a research worker must comply with the direction of the officer referred to in section 5 (e)(i) above in relation to the management of the conflict of interest.
 - iii. unless involved directly, it is the responsibility of heads of departments to ensure that conflicts of interest in research involving their staff members are managed appropriately.
 - iv. when a head of department has a conflict of interest in research, the dean of the faculty will be responsible for recommending to the deputy vice-chancellor (Research) appropriate management arrangements.
 - v. when a dean of faculty has a conflict of interest in research, the deputy vice-chancellor (Research) will be responsible for recommending to the vice-chancellor appropriate management arrangements.
- d. a head of department must not be a director of any organisation sponsoring research in that department or have a direct or indirect financial interest in excess of 5% equity in such an organisation unless full disclosure has been made and the vice-chancellor has approved an exception to this policy.

- e. the deputy vice-chancellor (Research), when deciding whether to accept sponsored research or contract research funding on behalf of the University, may seek information regarding disclosure and management of any conflict of interest that may result.

6. ADDITIONAL REQUIREMENTS

- a) Any special standards of work performance and ethical conduct imposed by law or by the University in relation to particular categories of research are deemed to be included in this code in its application to persons engaged in that kind of research in the University. These include that where research procedures are of a kind requiring approval by a human or animal ethics committee, gene technology and biosafety Committee or by a safety or other validly constituted regulatory committees, research must not proceed without such prior approval.
- b) Research workers should endeavour to safeguard the interests of all parties in relation to intellectual property in accordance with the Intellectual Property Statute of the University and other guidelines as may be promulgated from time to time.
- c) Every research worker should be provided with access to material on applicable institutional guidelines for the conduct of research, including those covering ethical requirements for studies on humans or animals, requirements for confidentiality, and occupational health and safety matters.
- d) Academic staff must make a declaration as part of their annual reporting requirements that they have complied with the provisions of the code.

7. RESEARCH MISCONDUCT

- i. Research misconduct is constituted by a failure to comply with the principles or specific provisions of the code and includes but is not limited to conduct in, or in connection with, research that is (a) dishonest, reckless or negligent and (b) seriously deviates from accepted standards within the scientific and scholarly community for proposing, conducting or reporting research, such as following, includes -
 - a. the fabrication or falsification of data or results,
 - b. the use of another person's ideas, work or data without appropriate acknowledgement,
 - c. misleading ascription of authorship to a publication including the listing of authors without their permission, attributing work to people who have not in fact contributed to the publication,

- the lack of appropriate acknowledgement of work primarily produced by a research student/trainee or associate, and
- d. failure to disclose conflicts of interest or cases where a conflict of interest might reasonably be perceived to exist.
- ii. Allegations of misconduct in research by students will be dealt by Student Academic Discipline Committee

32. Student profile programme-wise:

Name of the Programme	Application received	Selected		Pass percentage	
		Male	Female	Male	Female
B.Sc	-	-	-	-	-
M.Sc	-	-	-	-	-
M.Phil(2015-2016)	30	3/30	1/30	10	3.33
M.Phil(2014-2015)	35	5/35	9/35	14.28	25.7
M.Phil(2013-2014)	20	1/20	2/20	5	10
M.Phil(2012-2013)	25	6/25	4/25	24	16
M.Phil(2011-2012)	50	8/50	21/50	16	42

|

33. Diversity of Students

Name of the Programme(refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students From universities outside the State	% of students from other countries
M.Phil(2014-2015)	-	100	-	-
M.Phil(2013-2014)	-	100	-	-
M.Phil(2012-2013)	-	100	-	-
M.Phil(2011-2012)	-	100	-	-

34. How many students have cleared Civil Services and Defence Services examinations, NET, SLET, GATE and other competitive examinations?

Give details category-wise- Nil

35. Student progression

Student progression	Percentage against enrolled
UG to PG	-
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	-
<input type="checkbox"/> Campus selection	
<input type="checkbox"/> Other than campus recruitment	
Entrepreneurs	-

36. Diversity of staff

Percentage of faculty who are graduates of

The same university	Nil
from other universities within the State from	100%
universities from other States from universities	Nil
outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period – Ph.D., 2

38. Present details of departmental infrastructural facilities with regard to

a) Library

No. of titles	60
No. of Volumes	250

b) Internet facilities for staff and students – 8 MBPS

c) Total number of class rooms – 2

d) Class rooms with ICT facility - 1

e) Students' laboratories - 2

f) Research laboratories – 2

39. List of doctoral, post-doctoral students and Research Associates

1. Mr .R.Muralidharan

2. Mr. G.Sivashankar,

40. Number of post graduate students getting financial assistance from the university -Nil.
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology –YES, Feedback from alumni, outgoing students, Parents, Employers, teaching faculty, and discuss in the Board of studies.
42. Does the department obtain feedback from
- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
Yes, the department obtain feedback from faculty on curriculum as well as teaching Learning evaluation. The feedback of the faculty on curriculum are Considered During the revision of syllabus and special care taken for weak students are helped in their studies.
 - Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? –
Yes, the department obtain feedback from students on staff, curriculum as well as teaching Learning evaluation. The feedbacks of the students on curriculum are onsidered during the revision of syllabus and special care taken for weak students and students from rural backround are helped in their studies.
 - Alumni and employers on the programmes offered and how does the department utilize the feedback? –Yes introducing new courses and Syllabi Yes their suggestion are well taken to during revision of syllabus , and the students are trained for the needs of the industry.
43. List the distinguished alumni of the department (maximum 10) :

S.No	Name	Degree	Batch	Designation	Address
1	Mr. N. Karthikeyan	M.Sc.,	2009-2011	Asst. Professor	Private college Perambalur (D.t)

2	Mr. R. Mohan	M.Sc.,	2009-2011	Asst. Professor	Private College Ramanathapuram (D.t)
3	Mr. C. Bagavath	M.Sc.,	2009-2011	Research Scholar	Anna University, Chennai
4	Ms. D. Nidhya	M.Sc.,	2009-2011	Asst. Professor	BDU, Constitute College, Orathanadu Thanjavur (D.t)
5	Mr.R.Ashok kumar	Ph.D	2015	Asso.Professor	St.Joseph Engineering College , Thanjavur
6.	Mr.Ramalingam	Ph.D	2011	Asso.Professor	AVC College
7.	Mr.Kesavan	Ph.D	2014	Asso.Professor	Periyar Maniyammai University,Thanjavur
8.	Mr.Marimuthu	M.Phil	2014-15	Asst. Professor	SRJ College Ayyampettai
9.	Mr.R.Vinoth Kumar	M.Phil	2013-14	Asst. Professor	Private college Andra
10.	Mr.Vediyappan	M.Phil	2014-15	Asst. Professor	Private College, Krishnagiri

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. Special lectures arranged involving external experts.

Date	Name of the Event	Resource person
20 th February 2013.	Semiconductors and organic polymer solar cell	Prof. Dr. Shizuyasu Ochiai from Aichi Institute of Technology, Toyota, Japan
21 th February 2013	Fundamental technology of solar cell	Prof. Dr. Shizuyasu Ochiai from Aichi Institute of Technology, Toyota, Japan

45. List the teaching methods adopted by the faculty for different programmes.-Yes
- Power point presentation
 - Using the Black Board effectively.
 - Use of models
 - Discuss about recent scientific inventions.
 - Discuss about recent research results.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- Students feed back
 - Result of the Student
 - Performance of the student in the lab
47. Highlight the participation of students and faculty in extension activities.
- Students
- National service scheme (NSS)
 - Youth Red Cross (YRC)

Course	Student Name	Activities	Date
M.Sc	R. Muraleedharan	National Service Scheme (NSS)	28.01.10
M.Sc	D.Nidhya	National Service Scheme (NSS)	28.01.10
M.Sc	G.Bagavath	National Service Scheme (NSS)	28.01.10

48. Give details of “beyond syllabus scholarly activities” of the department.
- Seminars and Lectures Students are participated in Inter Collegiate Quiz & Circuit Debugging Competition- YES

The department time to time conducts workshops, conferences, seminars on various topics for the benefit of the students and the faculty. The students are taken to various research labs and institutes by way of industrial visit every year. Through which they get a feel of latest trends in research and the latest equipments used in research activities.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.-ISO -9001-2008
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied-

- Apart from curriculum, the students are advised to attend conferences and workshop conducted by various universities and institutes
- The faculty is encouraged to do research and present their work in conferences and submitting their work for publication.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department-

STRENGTH

- Dedicated staff members.
- Research output and areas of research increases year by year.
- Sophisticated equipments are available for research.
- Clean and Green campus
- Favourable locations atmosphere with good facility

WEAKNESS

- Less number of students are joined.

OPPERTUNITIES

- The department has good potential to excel in the field.
- To produce new and efficient class of materials for many applications.
- The department has the very good opportunity to supply good young mind require for the scientific activities, for the development of the nation.
- Most of the research in the world is being done in the field of Material science.
- Professional practices.

CHALLENGES

- Competition from current trend courses at UG& PG level.
- Shy approach of rural background students.

52. Future plans of the department

The Dept. has planned to develop teaching and research activity in the internationally recognized quality by implementing the following.

- To strengthen the infrastructure of the department.
- To increase the number of smart class rooms.
- To strengthen laboratory facilities for P.G and U.G students.
- To enhance the curriculum according to the current needs of the industry and on par with other reputed nation/international institutes.

CHEMISTRY

1. Name of the Department: CHEMISTRY

2. Year of establishment:

Course	Year of establishment
B.Sc	1994
M.Sc	1994
M.Phil	2008
Ph.D	2008

3. Is the department part of a school/Faculty of the university:
Faculty of the University

4. Names of programmes offered:

B.Sc Chemistry

M.Sc Chemistry (general)

M.Phil Chemistry

Ph.D Chemistry

5. Interdisciplinary programmes and departments involved:

The following courses offered by this department at PG level for interdisciplinary learning and research

1. Nanochemistry (Dept. of Physics/Biotechnology)
2. Phytochemistry (Dept. of Biochemistry)
3. Medicinal Chemistry (Dept. of Biochemistry/Biotechnology)
4. Analytical Chemistry/ Instrumentation Techniques (Dept. of Physics/Biochemistry/Biotechnology)

6. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil

7. Details of programmes discontinued, if any, with reasons: Nil

8. Examination System: Semester - Choice Based Credit System

9. Participation of the department in the courses offered by other departments:

1. Biochemistry (Faculty of Science)
2. Biotechnology (Faculty of Science)
3. Physics(Faculty of Science)
4. Engineering Chemistry-I & II (Faculty of Engineering)
5. Environmental Science (Faculty of Engineering)

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	1	1
Associate Professor	2	2	2
Asst. Professor	6	6	6
Others	-	-	-

11. Faculty profile with name, qualification, designation, area of Specialization, experience and research under guidance

S. No	Name	Qualifications	Designation	Area of Specialization	No. of years of Experience	No.ofPh.D/ M.Phil Students guided for the last 4 years
1	Dr.P.Parthiban	M.Sc, M.Phil, Ph.D.	Professor	Organic/ Medicinal Chemistry	10	Guided: 2 Guiding: 3
2	Dr.M.JeromeRozario	M.Sc, M.Phil, Ph.D.	Associate Professor	Organic Chemistry/ Photochemistry	18	-

3	Dr. D. Senthilnathan	M.Sc, Ph.D.	Associate Professor	Theoretical/Computational Chemistry	8	-
4	Dr.J.S.Nirmal Ram	M.Sc, M.Phil, Ph.D.	Assistant Professor	Crystallography/Computational Chemistry	1	Guided: 1 Guiding: 2
5	Mr.R.Manikandan	M.Sc, M.Phil, (Ph.D.)	Assistant Professor	Electrochemistry	07	-
6	Mr.B.Ashok kumar	M.Sc, M.Phil, (Ph.D.)	Assistant Professor	Phytochemistry	09	-
7	Mr. R. ShanmugaSelvan	M.Sc, (Ph.D.)	Assistant Professor	Inorganic Chemistry/Nanotechnology	1	-
8	Ms.V. Kanimozhi	M.Sc, M.Phil	Assistant Professor	Organic Chemistry	09	-
9	Ms.R.Rekha	M.Sc, M.Phil	Assistant Professor	Organic Chemistry	02	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: Nil

13. Percentage of classes taken by temporary faculty – programme-wise information: Nil

14. Programme-wise Student Teacher Ratio:

S.No	Programme	Ratio
1	UG	1:20
2	PG	1:15
3	M.Phil.	1:3

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: One

16. Research thrust areas as recognized by major funding agencies: Nil

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: Nil

18. Inter-institutional collaborative projects and associated grants received: Nil

a) National collaboration: Nil

b) International collaboration: Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received: Nil

.

20. Research facility / centre with

- **state recognition -**
- **national recognition -**
- **international recognition –**

21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil

22. Publications:

*** Number of papers published in peer reviewed journals (national /international): 32**

1. Balamurugan P. et al, Simultaneous chemo and enantio separation, and assay of R-(+)-rabeprazole/related impurities in pharmaceutical formulations, Chromatographia, 2015 (in press) (citations: 0, IF: 1.411)
2. Joshi S.D. et al, Design, synthesis of quinolinyl Schiff bases and azetidinones as enoyl ACP-reductase inhibitors, Medicinal Chemistry Research, 2015 (in press) (citations: 0, IF: 1.402)
3. Balamurugan P. et al, 5. A simple RP-HPLC method for simultaneous estimation of organic impurities, enantiomer and assay of dexlansoprazole. International Journal of Pharmacy and Pharmaceutical Sciences, 7, pp. 347-352, 2015. (citations: 0, SNIF: 0.643)
4. K. Muthu et al., Combined theoretical and experimental studies on the molecular structure, spectral and Hirshfeld surface studies of NLO

- tris(thiourea)zinc(II) sulfate crystals, Source of the Document, Journal of Molecular Structure, 1091, pp. 210-221, 2015. (citations: 0, IF: 1.602)
5. Joshi S.D. et al, Discovery of target based novel pyrrolylphenoxy derivatives as antimycobacterial agents: An in silico approach, European Journal of Medicinal Chemistry, 94, pp. 317-339, 2015. (citations: 0, IF: 3.447)
 6. Joshi S.D. et al, Synthesis, evaluation and in silico molecular modeling of pyrrolyl-1,3,4-thiadiazole inhibitors of InhA, Bioorganic Chemistry, 59, pp. 151-167, 2015. (citations: 0, IF: 2.152)
 7. Joshi S.D. et al, 3D-QSAR and molecular docking studies of 1,3,4-oxadiazoles containing substituted phenoxy fragment as inhibitors of enoyl-acyl carrier protein reductase from Escherichia coli, Medicinal Chemistry Research, 2014 (in press). (citations: 0, IF: 1.402)
 8. Joshi S.D. et al, Synthesis, characterization, biological activity, and 3D-QSAR studies on some novel class of pyrrole derivatives as antitubercular agents, Medicinal Chemistry Research, 23 (3), pp. 1123-1147, 2014. (citations: 0, IF: 1.402)
 9. Chakkaravarthi, K. et al, Synthesize, spectral, antimicrobial and antioxidant studies of Mannich bases of B-Naphthol and gabapentin, International Journal of ChemTech Research, 6 (1), pp. 432-439, 2014. (citation: 0; SJR: 0.21)
 10. Chakkaravarthi, K. et al, Synthesize, spectral, antimicrobial and antioxidant studies of diamidemannich base derivatives, International Journal of Pharmacy and Pharmaceutical Sciences, 6(1), pp. 492-95, 2014. (citation: 0; SNIF: 0.643)
 11. ShanmugaSelvan, R. et al, Preparation and characterization of mg doped γ -Fe₂O₃ prepared by self-propagation method, International Journal of ChemTech Research, 6 (3), pp. 2129-2131, 2014. (citation: 0; SJR: 0.21)
 12. Joshi S.D. et al, Two- and three-dimensional QSAR studies on a set of antimycobacterialpyrroles: CoMFA, TopomerCoMFA, and HQSAR, Medicinal Chemistry Research, 23 (1), pp. 107-126, 2014. (citations: 2, IF: 1.402)
 13. Karthik, D. et al, Study on the inhibition of mild steel corrosion by 1,3-bis-(morpholin-4-yl-phenyl-methyl)-thiourea in hydrochloric acid medium, Journal of Saudi Chemical Society, 18 (6), pp. 835-844, 2014. (citations: 2, IF: 2.523)

14. Joshi S.D. et al, Synthesis and molecular modeling studies of novel pyrroleanalogs as antimycobacterial agents, *Journal of Saudi Chemical Society*, 2013. (citations: 2, IF: 2.523)
15. ShanmugaSelvan et al., Preparation and characterization of Ti doped γ -Fe₂O₃ prepared by self-propagation method, *International Journal of Applied Chemistry*, 9 (3), pp. 291-297, 2013. (citation: 1, SJR: 0.1)
16. Nagabalasubramanian, P.B. et al., Vibrational frequencies, structural confirmation stability and HOMO-LUMO analysis of nicotinic acid ethyl ester with experimental (FT-IR and FT-Raman) techniques and quantum mechanical calculations, *Journal of Molecular Structure*, 1017, pp. 1-13, 2012. (citations: 2, IF: 1.602)
17. Arjunan, V. et al., Experimental and theoretical quantum chemical investigations of 8-hydroxy-5-nitroquinoline, *SpectrochimicaActa - Part A: Molecular and Biomolecular Spectroscopy*, 96, pp. 506-516, 2012. (citations: 2, IF: 2.353)
18. Nagabalasubramanian, P.B. et al., Molecular structure, polarizability, hyperpolarizability analysis and spectroscopic characterization of 1-(chloromethyl)-2-methylnaphthalene with experimental (FT-IR and FT-Raman) techniques and quantum chemical calculations, *SpectrochimicaActa - Part A: Molecular and Biomolecular Spectroscopy*, 85 (1), pp. 43-52, 2012. (citations: 2, IF: 2.353)
19. Franklin, S. et al., Structural and spectral analysis of a mannich base: 3-(Morpholin-4-ylmethyl)-1,3-benzothiazole-2-thione, *Journal of Chemical Crystallography*, 42 (1), pp. 29-33, 2012. (citations: 1, IF: 0.503)
20. Balamurugan, K. et al, Preparation and evaluation of molecularly imprinted polymer liquid chromatography column for the separation of Cathine enantiomers, *Saudi Pharmaceutical Journal*, 20 (1), pp. 53-61, 2012. (citation: 12) (citations: 1, IF: 1.283)
21. Anand, et al, GC-MS analysis and anti-microbial activity of bioactive components of *hybanthusenneaspermus*, *International Journal of Pharmacy and Pharmaceutical Sciences*, 4, pp. 646-650, 2012. (citation: 4; SNIF: 0.643)
22. Arjunan, V. et al., Vibrational, nuclear magnetic resonance and electronic spectra, quantum chemical investigations of 2-amino-6-fluorobenzothiazole, *Journal of Molecular Structure*, 1006 (1-3), pp. 247-258, 2011. (citations: 2, IF: 1.602)
23. Neelamegam, P. et al., Associative neural network and multi linear

- regression based quantitative structure property relationship for modeling viscosity of alcohols, *Asian Journal of Chemistry*, 23 (11), pp. 5079-5084, 2011.
24. Arjunan, V. et al., Experimental spectroscopic (FTIR, FT-Raman, FT-NMR, UV-Visible) and DFT studies of 2-amino-5-chlorobenzoxazole, *Journal of Molecular Structure*, 1003, pp. 92-102, 2011. (citations: 2, IF: 1.602)
 25. Balamurugan, K. et al., Preparation and evaluation of molecularly imprinted polymer liquid chromatography column for the separation of ephedrine enantiomers, *Arabian Journal of Chemistry*, 2011 (citation: 1)
 26. Arjunan, V. et al., Spectroscopic and quantum chemical electronic structure investigations of 2-(trifluoromethyl)aniline and 3-(trifluoromethyl)aniline, *Journal of Molecular Structure*, 994 (1-3), pp. 179-193, 2011. (citations: 1, IF: 1.602)
 27. Arjunan, V. et al., Density functional theory studies on vibrational and electronic spectra of 2-chloro-6-methoxypyridine, *SpectrochimicaActa - Part A: Molecular and Biomolecular Spectroscopy*, 78 (5), pp. 1625-1632, 2011. (citations: 2, IF: 2.353)
 28. Arjunan, V. et al., DFT and ab initio quantum chemical studies on p-cyanobenzoic acid, *SpectrochimicaActa - Part A: Molecular and Biomolecular Spectroscopy*, 78 (5), pp. 1449-1454, 2011. (citations: 2, IF: 2.353)
 29. FTIR, FT-Raman, FT-NMR, ab initio and DFT electronic structure investigation on 8-chloroquinoline and 8-nitroquinoline, *Journal of Molecular Structure*, 988 (1-3), pp. 91-10, 2011. (citations: 2, IF: 1.602)
 30. Ramalingam, M. et al., Molecular structure, vibrational spectroscopic, first order hyperpolarizability and HOMO-LUMO studies of 7-amino-8-oxo-3-vinyl-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, *SpectrochimicaActa - Part A: Molecular and Biomolecular Spectroscopy*, 78 (2), pp. 582-589, 2011. (citations: 2, IF: 2.353)
 31. Gokulakrishnan, K. et al., Validated HPLC method for the determination of enantiomeric excess d-threo-ritalinic acid by liquid chromatography, *International Journal of Applied Chemistry*, 6 (1), pp. 67-73, 2010. (citation: 0; SJR: 0.1)
 32. Gokulakrishnan, K. et al., Validated HPLC method for the determination of enantiomeric impurity of L-ephedrine sulphate,

International Journal of Applied Chemistry, 6 (1), pp. 75-81, 2010.
(citation: 1; SJR: 0.1)

- **Monographs:** Nil
- **Chapters in Books:**
Nil
 - * **Edited Books:** Nil
 - * **Books with ISBN with details of publishers:** Nil
 - * **Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):** 28
 - * **Citation Index average:** 1
 - * **Impact Factor average:** 1

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated: Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions
/ industries in India and abroad: Nil

26. Faculty serving in

- a) **National committees** b) **International committees** c) **Editorial Boards** d) **any other (please specify)**

Editorial Board:

- Journal of Modern Medicinal Chemistry, Synergy Publishers, Chester, UK.
- Science Journal of Chemistry, Science Publishing Group, New York, USA, American Journal of Chemistry and Applications, Open Science Publisher, New York, USA.
- Journal of Critical Reviews, Innovare Academic Sciences, Madhya Pradesh, India.
- International Journal of Chemistry, International Organization of Scientific Research and Development, Taiwan and India.
- Journal of Pure and Applied Chemistry, Donnish Publishing House, Sapele, Nigeria.
- Global Journal of Chemistry, Global Publishing Corporation, USA.
- International Journal of Research in Science & Technology, IRA Publications, Ghaziabad, India

Lead Guest Editor: Editing the special issue for *International Journal of Medicinal Chemistry*

Reviewer(Elsevier Journals):

European Journal of Medicinal Chemistry (IF: 3.499), Chemico-Biological Interactions (IF: 2.967), Bioorganic & Medicinal Chemistry Letters (IF: 2.338), Arabian Journal of Chemistry (IF: 2.266), Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy (IF: 1.977), Journal of Saudi Chemical Society (IF: 1.288), and Many other Publishers' Journals.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs): Nil

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects - Nil
- percentage of students doing projects in collaboration with other universities
/ industry / institute – Nil

29. Awards / recognitions received at the national and international level by

- Faculty - Nil
- Doctoral / post doctoral fellows – Nil
- Students –Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any: Nil

31. Code of ethics for research followed by the departments:

The Department follows the code of ethics laid down by the University.

32. Student profile programme-wise:

Name of the Programme	Applications received	Year	Selected		Pass percentage	
			Male	Female	Male	Female
B.Sc.		2010-13	3	4	100	100
		2011-14				
		2012-15				
M.Sc.		2010-12				
		2011-13				
		2012-14	3	1	100	100
M.Phil.		2010-11	3	2		
		2011-12	7	4		
		2012-13	4	2		
		2013-14				
Ph.D.		2010	3	1		
		2011	2	7		
		2012	3	4		
		2013	1			
		2014	1			
		2015			-	-

33. Diversity of students

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B.Sc.	--	--	--	--
M.Sc.	--	--	--	--
M.Phil.				
Ph.D.	25	75	100	--

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details categorywise: Nil

35. Student progression

Student progression	Percentage against enrolled
UG to PG	1

36. Diversity of staff

Percentage of faculty who are graduates of the same university: Nil	
from other universities within the State	100%
from universities from other States: Nil	
from universities outside the country: Nil	

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: 02

38. Present details of departmental infrastructural facilities with regard to

- a) Library - Titles:40
No. of volumes:120
- b) Internet facilities for staff and students :
Free WAN, LAN and Wi-Fi connections – accessible to all.
- c) Total number of class rooms: Sufficient
- d) Class rooms with ICT facility - **3**
- e) Students' laboratories - **1**
- f) Research laboratories - **1**

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/university:**1**
Doctoral candidate: Mr.Shanmugaselvan– Guide: Dr.K.Gokula Krishnan.
- b) from other institutions/universities : **18**

40. Number of post graduate students getting financial assistance from the university: Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology: Nil

42. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?;
Yes, to improve the teaching learning methodology.

- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, to evaluate and to self strengthen the role of staff members and to fulfil the requirements of the students.

- c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes, to get some suggestions to improve the quality.

- 43. List the distinguished alumni of the department (maximum 10) :**
- 44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. Special lectures arranged involving external experts: Nil**
- 45. List the teaching methods adopted by the faculty for different programmes:**
1. Using Phenemonics
 2. Using Models
 3. Using Charts
 4. PPT
- 46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**
1. Students feed back
 2. Result of the Student
 3. Performance of the student in the lab.
- 47. Highlight the participation of students and faculty in extension activities.**
- Students are participated in NSS programme.
- 48. Give details of “beyond syllabus scholarly activities” of the department. Seminars and Lectures Students are participated in Inter Collegiate Quiz & Circuit Debugging Competition: Nil**
- 49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: Nil**

- 50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:**
1. Instrumental Techniques
 2. Analytical techniques
 3. Computer aided Analysis
- 51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:**
- Strength
1. Faculty having good Proficiency in teaching
 2. Well Equipped laboratory
 3. Faculty with doctorate degrees
- 52. Future plans of the department**
- The Dept. has planned to develop teaching and research activity in the internationally recognized quality by implementing the following:**
1. Introducing Advanced Courses
 2. Establishment of Sophisticated Instrumental Facility
 3. Publishing the papers in high quality journals

COMPUTER SCIENCE

1. Name of the Department : **Computer Science**
2. Year of Establishment : **2008**
3. Is the Department part of a School/Faculty of the university?
 - Yes
4. Names of Programmes offered

Academic Programmes

UG	PG	Research
B.Sc.,Computer Science B.C.A.	M.C.A.	M.Phil. Ph.D.

5. Interdisciplinary programmes and departments involved
 - Nil
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
 - Nil
7. Details of programmes discontinued, if any, with reasons
 - B.Sc.(IT) discontinued due to poor intake
8. Examination System: Semester / Choice Based Credit System
9. Participation of the department in the courses offered by other departments

S.no	Courses	Subject
1	B.Sc. Mathematics	Programming in C Fundamentals of Computing Programming in C++ Web Design
2	B.Com.	Essential of Information Technology

10. Number of teaching posts sanctioned, filled and actual
(Professors/ Associate Professors/ Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	2	2	2
Associate Professors	3	3	3
Asst. Professors	13	13	13

11. Faculty profile with name, qualification, designation, area of specialization,
experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Dr. K.Saravanan	M.Sc., M.Phil., M.S., M.Tech., Ph.D.,	Professor	Computational Algorithms	22 Yrs	32 M.Phil. Scholars
Dr.S.Saravana Kumar	M.C.A.,M.E., Ph.D.,	Professor	Image processing	16 Yrs	32 M.Phil. Scholars
Dr. Karthikeyan Subramanian	M.Sc., M.Phil., Ph.D.,	Associate Professor	Cryptography and Network Security	18 Yrs	15 M.Phil. Scholars & 13 Ph.D. Scholars
Dr.S.ThiruNirai Senthil	M.C.A.,M.Phil., Ph.D.,	Associate Professor	Data Mining and Computational Biology	13 Yrs	32 M.Phil. Scholars
Dr. G. J.Joyce Mary	M.S.,M.Phil., B.Ed.,Ph.D.,	Associate Professor	Parallel Computing	11 Yrs	32 M.Phil. Scholars
T.Karunakaran	M.C.A.,M.Phil.,	Assistant Professor	Multimedia Systems	15 Yrs	32 M.Phil. Scholars
P.N.Suguna	M.Sc.,M.Phil.,	Assistant Professor	Artificial Intelligence	11 Yrs	32 M.Phil. Scholars
R.Gomathijayam	M.Sc.,M.Phil.,	Assistant Professor	Database Systems	14 Yrs	32 M.Phil. Scholars
V.Sathya	M.Sc.,M.Phil.,	Assistant Professor	Human Computer	12 Yrs	32 M.Phil. Scholars

			Interaction		
D.Thulasiraman	M.C.A.,M.Phil.,	Assistant Professor	Data mining and Warehousing	8 Yrs	32 M.Phil. Scholars
G.Ezhilarasi	M.Sc.,M.Phil.,	Assistant Professor	Computer Networks	8 Yrs	32 M.Phil. Scholars
R.Selvakumar	M.Sc.,M.Phil.,	Assistant Professor	Web Designing	8 Yrs	32 M.Phil. Scholars
R.Kalaiselvi	M.Sc.,M.Phil.,	Assistant Professor	Data mining and Warehousing	7 Yrs	32 M.Phil. Scholars
K.Raja	M.S.,(IT)M.Phil.,	Assistant Professor	Computer Networks	10 Yrs	32 M.Phil. Scholars
B. Namasivayam	M.C.A., M.Tech.,	Assistant Professor	Data mining	8 Yrs	32 M.Phil. Scholars
M.Manikandaprabhu	M.C.A., M.Tech.,	Assistant Professor	Image processing and Networking	6 Yrs	32 M.Phil. Scholars
R.Arivumalar	M.Sc.,M.Phil., M.Tech.,	Assistant Professor	Data Structure	9 Yrs	32 M.Phil. Scholars
R.Banumathi	M.Sc.,M.Phil., M.Tech.,	Assistant Professor	Computer Networks	8 Yrs	32 M.Phil. Scholars

12. List of Senior Visiting Fellows, adjunct faculty, emeritus professors

- Dr. S. Baskaran, Professor of Comp.Sci, Tamil University, Thanjavur
- N. Suresh Babu, Assistant Professor of Comp.Sci, Raja Sarfoji Govt. College Thanjavur

13. Percentage of classes taken by temporary faculty – programme-wise information - Not Applicable

14. Programme-wise Student Teacher Ratio:

- UG 1:20
- PG 1:15
- M.Phil 1:3

15. Number of academic support staff (technical) and administrative staff:

Sanctioned, filled and actual

	Sanctioned	Filled	Actual
Academic support staff	2	2	2
Administrative staff	2	2	2

16. Research thrust areas as recognized by major funding agencies

- The applications of graph theory concepts in cryptography

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise

S. No	Titles of proposals	Funding agency	Budget in lackhs)	Principal of investigator	status	Year of submission
1	A study on the applications of graph theory concept in Cryptography	DRDO	4.07	Dr.P.L.K.Priyadharshini	completed	2010
2	The applications of graph theory concepts in cryptography (ERIP/ER/110389 3/M/01/1348)	DRDO	4.10	Dr.P.L.K.Priyadharshini	completed	Oct 2011-12

18. Inter-institutional collaborative projects and associated grants received

- Not Applicable

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received

S. No	Titles of proposals	Funding agency	Budget in lackhs)	Principal of investigator	status	Year of submission
1	A study on the applications of graph theory concept in Cryptography	DRDO	4.07	Dr.P.L.K.Priyadharshini	completed	2010
2	The applications of graph theory concepts in cryptography (ERIP/ER/110389 3/M/01/1348)	DRDO	4.10	Dr.P.L.K.Priyadharshini	completed	Oct 2011-12

20. Research facility / centre with – Not available

21. Special research laboratories sponsored by / created by industry or corporate bodies – Not available

22. Publications:

- **Number of papers published in peer reviewed journals (national / international)**
 - **International Journal** : **63**
 - **National Journal** : **15**
 - **International Conferences** : **24**
 - **National Conferences** : **23**

Journal Publications by the Faculty:

Dr. S. SARAVANAKUMAR

International Journal

1. Sharmila, J. and **Saravanakumar,S.** (2014) “An Enhanced Technique for Sustainable Business Platform (IT)”, *International Journal of Innovative Research in Computer and Communication Engineering (IJRCCE)*, Vol. 2, Special Issue 3, pp.39-48. ISSN: 2320- 9798 (P) 2320-9801(O).
2. Sharmila, J. and **Saravanakumar,S.** (2014) “A Localization Framework for Sustainable Business Environment -Green It”, *International Journal of Scientific & Engineering Research (IJSER)*, Volume 5, Issue 4, pp.1079-1085. ISSN: 2229-5518.
3. Abdul Khader, S., **Saravanakumar, S.** and Jahir Husain, A. (2013) "An Enhanced Artificial Broca's Using High Frequency Steady State Visually Evoked Potential and P300 Based Bci", *International Journal of Engineering Science and Technology*, Vol.5, No.04S, pp.116-121. ISSN: 2278-9510.
4. **Saravanakumar, S.**, Vadivel, A. and Saneem Ahmed, C.G. (2012) “Object tracking and failure recovery in motion video sequences using the properties of HSV color space”, *International journal of Signal and Imaging Systems Engineering*, Inderscience, Vol.5, No.1, pp.29-42. ISSN: 1748-0698 (P) 1748-0701(O).
5. **Saravanakumar, S.**, Vadivel, A. and Saneem Ahmed, C.G. (2011) “Object Tracking in Video by Egg Shape Boundary Model and Properties of HSV Color Space”, *International journal of Multimedia Intelligence and Security*, Inderscience, Vol.2, No.3/4, pp.269-295. ISSN: 2042-3462 (P) 2042-3470 (O)
6. **Saravanakumar, S.** and A.Vadivel, (2011) “Integrated region matching approach for tracking target objects in video sequences using HSV colour space”, *International Journal of Computational Vision and Robotics*, Inderscience, Vol.2, No.1, pp.62-79. ISSN: 1752-9131 EISSN: 1752-914X.
7. **Saravanakumar, S.**, Vadivel, A. and Saneem Ahmed, C.G. (2011) “Human Object Tracking in Video Sequences”, *International Journal of Image and Video Processing (IJIVP)*, ICT Academy of Tamilnadu (ICTACT), Vol.2, No.1, pp.264-273. ISSN: 0976-9099.

Dr. Karthikeyan Subramanian

International Journals:

1. Gomathi, VV. and **Karthikeyan, S (Feb’2015)** ‘A Novel ECFT Algorithm to Improve the Excellence of Computer Tomography Images for Effective Segmentation’, **International Journal of Tomography and Simulation**, ISSN: 2319-3336, 28(2), 45-62. (Scopus Indexed)
2. Sakthivel, CR. and **Karthikeyan, S (Nov’2014)** ‘Multi-Hop Unified Routing Algorithm for Energy Constrained Networks’, **Journal of Theoretical and Applied Information Technology**, ISSN: 1992-8645, 69(1), 25-31. (Scopus Indexed, Impact factor: 1.71)

3. Gomathi, VV. and **Karthikeyan, S (Oct'2014)** 'An Efficient Hybrid Segmentation Algorithm for Computer Tomography Image Segmentation', **International Review on Computer and Software (IRECOS)**, ISSN: 1828-6003, 9(9), 1576-1582. **(Scopus Indexed, Impact factor: 0.259)**
4. Gomathi, VV. and **Karthikeyan, S (Aug'2014)** 'Performance Evaluation of HMSK and SQFD Algorithms for Computer Tomography (CT) Image Segmentation of Effective Radiotherapy', **Journal of Theoretical and Applied Information Technology**, ISSN: 1992-8645, 66(2), 409-415. **(Scopus Indexed, Impact factor: 1.71)**
5. Sundararajan, S. and **Karthikeyan, S (Aug'2014)** 'An Efficient Hybrid Approach for Data Clustering using Dynamic K-Means Algorithm and Firefly Algorithm', **ARPJ Journal of Engineering and Applied Sciences**, ISSN: 1819-6608, 9(8), 1-6.
6. Sundararajan, S. and **Karthikeyan, S (July'2014)** 'An Efficient Data Ranking Technique based on Biclustor Score', **International Journal of Emerging Trends in Engineering and Development**, ISSN: 2249-6149, 4(4), 377-386.
7. Gomathi, VV. and **Karthikeyan, S (June'2014)** 'Performance Analysis of Wavelet and Curvelet Filtering Techniques for Reduction of Streak Artifacts in Computer tomography images' **International Journal of Control Theory and Application**, ISSN: 0974-5572, 7(1), 53-62. **(Scopus Indexed)**
8. Gomathi, VV. and **Karthikeyan, S (June'2014)** 'An Efficient Clustering based Segmentation Algorithm for Computer Tomography image Segmentation ', **Journal of Biomedical Engineering and Medical Imaging**, ISSN: 2055-1266, 1(3), 1-11.
9. Gomathi, VV. and **Karthikeyan, S (Apr'2014)** 'Performance Analysis of Distance Measures for Computer tomography Image Segmentation', **International Journal of Computer Technology & Applications**, ISSN:2229-6093, 5(2), 400-405. **(Scopus Indexed, Impact factor: 2.804)**
10. Sakthivel, CR. and **Karthikeyan, S (Apr'2014)** 'Reliable Multi-Hop MISO based Cooperative Communications for Energy-Constrained Wireless Sensor

Networks’, **International Journal of Emerging Trends in Engineering and Development**, ISSN: 2249-6149, 4(2), 180-189.

11. Gomathi, VV. and **Karthikeyan, S (Dec’2013)** ‘A Proposed Hybrid Medoid Shift with K-Means (HMSK) segmentation algorithm to detect tumor and organs for effective radiotherapy’, **Springer Lecture Notes in Computer Science**, ISSN: 978-3-319-03843-8, 8284, 139-147.

12. Sakthivel, CR. and **Karthikeyan, S (Sep’2013)** ‘A Survey on Wireless Routing Schemes in Single and Multi-Hop Energy Constrained Networks’, **CiiT International Journal of Networking and Communication Engineering**, ISSN: 0974-9713, 5(9), 461-465.

13. Kavitha, N. and **Karthikeyan, S (May’2013)** ‘Customer Buying Behavior Analysis: A Clustered Closed Frequent Itemsets for Transactional Databases’, **International Journal of Computer Science Issues**, ISSN: 1694-0814, 10(3), 113-117. **(Impact factor – 0.234)**

14. Appathurai, K. and **Karthikeyan, S (May’2013)** ‘Moving Object Indexing using Crossbreed Update ’, **International journal of Computer Applications**, ISSN: 0975-8887, 69(16), 25-30. **(Impact factor – 0.835)**

15. Gunasundari, R. and **Karthikeyan, S (April’2013)** ‘An Effective Design for Extracting Web Content from Webpages’, **European Journal of Scientific Research**, ISSN: 1450-216X, 99(3), 473-484. **(Impact factor – 0.736)**

16. Gunasundari, R. and **Karthikeyan, S (Mar’2013)** ‘Content Extraction from Web Documents using Statistics based Classification’, **International Journal of Computer Science Issues**, ISSN: 1694-0814, 10(2). **(Impact factor – 0.234)**

17. Sundararajan, S., and **Karthikeyan, S (Oct’2012)** ‘A Study on Spatial Data Clustering Algorithms in Data Mining’, **International Journal of Engineering and Computer Science**, ISSN: 2319-7242, 1(10), 37-41.

18. Thilagam, K., and **Karthikeyan, S (Aug’2012)** ‘Content Aware Retargeting of Stego Images’, **International Journal of Computer Applications**, ISSN: 0975-8887, 52(17), 4-8. **(Impact factor – 0.814)**

19. Appathurai, K. and **Karthikeyan, S (Jul'2012)** 'A new proposed algorithm for OBBx-index structure ', **International journal of Computer Applications**, ISSN: 0975-8887, 50(11), 32-36. **(Impact factor – 0.835)**
20. Appathurai, K. and **Karthikeyan, S (Jul'2012)** 'A Comparative Analysis of Proposed POBBx-Index Structure', **International Journal of Computer Technology and Applications**, ISSN: 2229-6093, 3(4), 1349-1356.
21. Kavitha, N. and **Karthikeyan, S (Jul'2012)** 'An Efficient Mining Algorithm for Closed Frequent Itemsets and its Associated Data', **International journal of Computer Applications**, ISSN: 0975-8887, 49(14), 22-25. **(Impact factor – 0.835)**
22. Manju Priya, S. and **Karthikeyan, S (June'2012)** 'CMR-FD: Clustered Multipath Routing with False Destination to increase the Lifetime of Sensor Network', **International journal of Computer Applications**, ISSN: 0975-888, 48(10), 11-16. **(Impact factor – 0.835)**
23. Gunasundari, R. and **Karthikeyan, S (May'2012)** 'A Study on Content Extraction from Webpages based on Links', **International Journal of Data Mining and Knowledge Management Process**, ISSN: 2230 - 9608, 2(3), 23-30.
24. Appathurai, K. and **Karthikeyan, S (May'2012)** 'A New Proposed Algorithm for BBx-Index Structure', **International journal of Computer Science Issues**, ISSN: 1694-0814, 9(3), 287-293. **(Impact factor – 0.242)**
25. Appathurai, K. and **Karthikeyan, S (Apr'2012)** 'A Novel Indexing Method for BBx-Index structure', **International Journal of Computer Technology and Applications**, ISSN: 2229-6093, 3(2), 779-784.
26. Thilagam, K., and **Karthikeyan, S (Mar'2012)** 'Optimized Image Resizing using Picewise Seam Carving', **International Journal of Computer Applications**, ISSN: 0975-8887, 42(14), 24-30.
27. Manju Priya, S. and **Karthikeyan, S (Mar'2012)** 'An Efficient Clustered Multipath Routing to Improve Lifespan in WSN', **International journal of**

Computer Science Issues, ISSN: 1694-0814, 9(2), 182-187. (**Impact factor – 0.242**)

28. Gunasundari, R. and **Karthikeyan, S (Jan'2012)** 'A New Approach for Web Information Extraction', **International Journal of Computer Technology and Applications**, ISSN: 2229-6093, 3(1), 211-215.

29. Radha, N. and **Karthikeyan, S (Sep'2011)** 'An Efficient Secure Biometric System using Non-Invertible Gabor Transform', **International Journal of Computer Science Issues**, ISSN: 1694-0814, 8(5), 170-175.

30. Thilagam, K., and **Karthikeyan, S (Jul'2011)** 'An Efficient Method for Content Aware Image Resizing using PSC', **International Journal of Computer Technology and Applications**, ISSN: 2229-6093, 2(4), 807-812.

31. Radha, N. and **Karthikeyan, S (Jul'2011)** 'An Evaluation of Fingerprint Security Using Non-Invertible Bio-hash Study on Biometric Template Security', **International Journal of Network Security and Its Applications**, ISSN: 0975-2307, 3(4), 118-128.

32. Kavitha, N. and **Karthikeyan, S (Jul'2011)** 'An Efficient Algorithm Mining Frequent K-Item sets for Association Rule Mining in Large Databases', **CiiT International Journal of Data Mining Knowledge Engineering**, ISSN: 0974-9683, 3(9), 555-558.

33. Manju Priya, S. and **Karthikeyan, S (June'2011)** 'Increasing Lifetime of Sensor Networks by Using Dynamic Clustering', **International Journal of Wireless Communications and Networking**, ISSN: 0975-7163, 3(1), 1-5.

34. Mahalingam, P., Jeyaprakash, N and **Karthikeyan, S (May'2011)** 'Components Based Key Management Algorithm for Storage Area Networks', **Journal of Advances in Information Technology**, ISSN: 1798-2340, 2(2), 72-79.

35. Radha, N., **Karthikeyan, S.** and Anupriya, P (**May'2011**) 'Securing Retinal Template using Quasi-groups', **Journal of Advances in Information Technology**, ISSN: 1798-2340, 2(2), 80-86.

36. Thilagam, K., and **Karthikeyan, S (Apr'2011)** 'An Analysis of Hybrid Techniques of Seam Carving', **International Journal of Computer science and Engineering**, ISSN: 0975-3397, 3(4), 1406-1412.
37. Anand Kumar, M. and **Karthikeyan, S (May'2011)** 'Security Model for TCP/IP Protocol Suite', **Journal of Advances in Information Technology**, ISSN: 1798-2340, 2(2), 87-91.
38. Kavitha, B., **Karthikeyan, S.** and Sheeba Maybell, P (**May'2011**) 'Emerging Intuitionistic Fuzzy Classifiers for Intrusion Detection System', **Journal of Advances in Information Technology**, ISSN: 1798-2340, 2(2), 99-108.
39. Appathurai, K. and **Karthikeyan, S (Mar'2011)** 'Survey on Spatio-Temporal Access Methods ', **International journal of Computer Applications**, ISSN: 0975-8887, 18(4), 40-44. (**Impact factor – 0.835**)
40. Shanmuga Priyaa, D., Nachimuthu, T and **Karthikeyan, S (Mar'2011)** 'An Evolving Approach on Video Frame Retrieval Based on Color, Shape and Region', **International Journal of Computer Science and Engineering Technology**, ISSN: 2229-3345, 2(4), 84-89.
41. Anand Kumar, M. and **Karthikeyan, S (2011)** 'Investigating the Efficiency of Blowfish and Rejindael (AES) Algorithms', **International Journal of Computer Network and Information Security**, ISSN: 2074-9090, 4(2), 22-28.
42. Anand Kumar, M., **Karthikeyan, S**, Appathurai, K. and Nagarajan, P (**2011**) 'A Novel Security Protocol based on Hybrid Cryptography', **International Journal of Computer Sciences, Systems Engineering and Information Technology**, ISSN: 0974-5807, 4(1), 35-39.
43. Radha, N., Rubya, T and **Karthikeyan, S (Sep'2010)** 'Securing Retina Fuzzy Vault using Soft-biometric', **Global Journal of Computer Science and Technology**, ISSN: 0975-4350, 10(7), 13-18.
44. Radha, N. and **Karthikeyan, S (Jul'2010)** 'A Study on Biometric Template Security', **ICTAT Journal of Soft Computing**, ISSN: 0976-6561, 1(1), 37-41.

45. Anand Kumar, M. and **Karthikeyan, S (2010)** ‘A New Security Architecture for TCP/IP Protocol Suite’, **International Journal of Advanced Research in Computer Science**, ISSN: 0976-5697, 1(3), 177-181.
46. Anand Kumar, M., **Karthikeyan, S**, Appathurai, K. and Nagarajan, P (2010) ‘Comparative Analysis of IPv4 and IPv6 to evaluate Performance’, **International Journal of Computer and Network Security**, ISSN: 1738-7906, 2(6), 67-71.
47. Radha, N., **Karthikeyan, S.** and Anupriya, P (2010) ‘Securing Retina Fuzzy Vault System using Soft Biometrics’, **Global Journal of Computer Science and Technology**, 10(6).
48. Gunasundari, R. and **Karthikeyan, S (Mar’2010)** ‘A new Approach to Improve the Performance of Page Content Ranking in Web Content Mining’, **CiiT International Journal of Data Mining Knowledge Engineering**, ISSN: 0974-9683, 2(3), 63-65. (*Impact factor : 0.621*)
49. Nagarajan, M. and **Karthikeyan, S (2009)** ‘Health Condition Observation in High Level Efficiency using an Advanced Sensor Network’, **CIIT International Journal of Networking and Communication Engineering**, 1(5), 183-189.
50. **Karthikeyan, S.,** Ramaraj, E. and Hemalatha, M (2009) ‘A Design of Security Protocol using Hybrid Encryption technique (AES-Rijndael and RSA)’, **International Journal of the Computer, the Internet and Management**, 17(1), 78-86.
51. **Karthikeyan, S.,** Ramaraj, E. and Lalitha, N (2007) ‘An Analysis and improvement of security in Wired Equivalent Privacy (WEP) algorithm using Hybrid Encryption Technique’, **International Journal of Computer Science and System Analysis**, 1(1).
52. **Karthikeyan, S.,** Ramaraj, E. and Lalitha, N (2007) ‘An Analysis of Key Management in Transport Layer Security Standard’, **PCTE (Punjab College of Technical Education) Journal of Computer Sciences: An International Journal**, 2(2).

53. **Karthikeyan, S.**, Ramaraj, E. and Lalitha, N (2006) ‘An Analysis of Key Management in Cryptographic Algorithms’, **Asian Journal of Information Technology: An International Journal**, 5(9).
54. **Karthikeyan, S.** and Ramaraj, E(2006) ‘A New Type of Network Security Protocol using Hybrid Encryption in Virtual Private Networking’, **Journal of Computer Science: An International Journal**, 2(9).
55. Hemalatha, M., Gomathi, V.V. and **Karthikeyan, S** (2006) ‘An Efficient Algorithm for Predicting Survival of Medical Data’, **International Journal of Technology, Knowledge and Society**, 2(1).
56. **Karthikeyan, S.**, Hemalatha, M. and Ramaraj, E (2006) ‘A New Approach of Hybrid Encryption Technique in Database Security’, **International Journal of Technology, Knowledge and Society**, 2(1).

International Conferences:

57. Nousath, S., Abdelhamid Abdesselam, Ashok Rao, Mohammed Imran, Karan Jetly, and **Karthikeyan, S** (Aug’2013) ‘The 2D2PCA method in the DCT domain’, **Proceedings of 7th International Conference on Image and Signal Processing -ICISP’13**, organized by the University Visvesvaraya College of Engg., Department of Computer Science and Engineering Bangalore University, Aug 9-11, Bangalore, India.
58. Mohammed Imran, Abdelhamid Abdesselam, Nousath, S., Ashok Rao, Karan Jetly, and **Karthikeyan, S** (Aug’2013) ‘Performance analysis of different facial feature extraction algorithms across Pose, Lighting, Expression and Robustness: an overview’, **Proceedings of 7th International Conference on Image and Signal Processing -ICISP’13**, organized by the University Visvesvaraya College of Engg., of Computer Science and Engineering Bangalore University, Aug 9-11, Bangalore, India.
59. Mohammed Imran, Nousath, S., Abdelhamid Abdesselam, Karan Jetly, and **Karthikeyan, S** (Feb’2013) ‘Efficient Multi-algorithmic approaches for Face

Recognition using Subspace methods’, **Proceedings of 1st International Conference on Communications, Signal Processing, and their Applications - ICCSPA’13 (Published in IEEE Explore Digital Library, 978-1-4673-2821-0/13/\$31.00 ©2013 IEEE, pp. 1-6, 2013)**, organized by the American University, Sharjah, Feb 12-14, Sharjah, UAE.

60. Shanmuga Priyaa, D., and **Karthikeyan, S (Dec’2012)** ‘Examining various Denoising Techniques in Video Processing System’, **Proceedings of International Conference on Science, Engineering and Technology - INCOSSET’2012 (Published in IEEE Explore Digital Library, pp. 204-209, 2012)**, organized by JJ College of Engineering, Trichy, December 13-14, Tamilnadu, India.

61. Thilagam, K., and **Karthikeyan, S (Apr’2012)** ‘Content Aware Image Resizing using Optimized PSC’, **Proceedings of International Conference on Electronics Computer Technology –ICECT2012 (Published in IEEE Explore Digital Library, 978-1-4673-1037-6-0/12/\$31.00 ©2012 IEEE, pp. 270-275, 2012)**, organized by the ST Hindu College, Nagercoil, April 6-8, Kaneyakumari, India.

62. Nagarajan, M., and **Karthikeyan, S (Mar’2012)** ‘A New Approach to Increase Life Time and Efficiency of Wireless Sensor Network’, **Proceedings of International Conference on Pattern Recognition, Informatics and Medical Engineering -PRIME’12 (Published in IEEE Explore Digital Library, 978-1-4673-1037-6-0/12/\$31.00 ©2012 IEEE, pp. 231-235, 2012)**, organized by the Periyar University, Salem, March 21-23, Salem, India.

63. Radha, N., and **Karthikeyan, S (Mar’2012)** ‘Double Encryption based Secure Fuzzy Vault using Fingerprint Biometric Feature’, **Proceedings of International Conference on Pattern Recognition, Informatics and Medical Engineering -PRIME’12 (Published in IEEE Explore Digital Library, 978-1-**

4673-1037-6-0/12/\$31.00 ©2012 IEEE, pp. 178-182, 2012), organized by the Periyar University, Salem, March 21-23, Salem, India.

64. Manju Priya, S., and **Karthikeyan, S (Feb'2012)** 'CMR- Clustered Multipath Routing to increase the lifetime of Sensor Networks', **Proceedings of 3rd International Conference on Advances in Communication, Network, and Computing – CNC 2012 (Published in Springer Digital Library, V.V. Das and J. Stephen (Eds.): CNC 2012, LNICST 108, pp. 325–328, 2012.)**, organized by the Association of Computer, Electronics and Electrical Engineers (ACEEE), Feb 24-25, Chennai, India.

65. Kavitha, N., and **Karthikeyan, S (Feb'2012)** 'Discovery of Cluster Patterns and its associated data simultaneously', **Proceedings of 3rd International Conference on Advances in Communication, Network, and Computing – CNC 2012 (Published in Springer Digital Library, V.V. Das and J. Stephen (Eds.): CNC 2012, LNICST 108, pp. 224–227, 2012.)**, organized by the Association of Computer, Electronics and Electrical Engineers (ACEEE), Feb 24-25, Chennai, India.

66. Kavitha, N., and **Karthikeyan, S (Dec'2011)** 'An Efficient Approach for Simultaneous Closed Patterns and Data Clustering for Pattern Cluster Analysis', **Proceedings of International Conference on Networks, Intelligence and Computing Technologies**, organized by Karpagam University, December 15-16, Coimbatore, India.

67. Manju Priya, S., and **Karthikeyan, S (Mar'2011)** 'Increasing Lifetime of Sensor Network by using Dynamic Clustering', **Proceedings of International Conference on Communication and Signal Processing**, organized by Karunya University, March 17-18, Coimbatore, India.

68. Kavitha, B., **Karthikeyan, S.**, Sheeba Maybell, C., Hemalatha, M., and Shanmuga Priyaa, D **(Feb'2011)** 'An Emerging Method of Intuitionistic Fuzzy set for Breast Cancer Diagnosis', **Proceedings of IEEE Explore - International Conference on Machine Learning and Computing** organized by Network of Information and Management Engineers (NIME) and The Association of

Computer, Electronics and Electrical Engineers (ACEEE), February 26-28, Singapore.

69. **Karthikeyan, S.**, Kavitha, B., and Chitra, B (2010) 'Efficient Intrusion Detection with Reduced Dimension using Data Mining Classification Methods and their Performance Comparison', **Proceedings of Springer LNCS-CCIS (available in Springer Digital Library) - International Conference on Recent Trends in Business Administration and Information Processing** organized by Network of Information and Management Engineers (NIME) and The Association of Computer, Electronics and Electrical Engineers (ACEEE), March 26-27, Trivandrum, India, 96-101.

70. Gunasundari, R., and **Karthikeyan, S** (Oct'2010) 'Removing Non-Uniformity blocks from Web Pages', **Proceedings of Second International IEEE Conference on Communication, Control and Computing Technologies- ICCCT'10 (Published in IEEE Explore Digital Library, 978-1-4244-7770-8/10/\$26.00 ©2010 IEEE, pp. 810-814, 2010)**, organized by Syed Ammal Engineering College, Ramanathapuram and St.Xavier's Catholic College of Engineering, Kanyakumari, October 7-9, Tamilnadu, India.

71. Mahalingam, M., Jeyaprakash, N., and **Karthikeyan, S** (2009) 'Enhanced Data Security Framework for Storage Area Networks', **Proceedings of Conference Publishing Service, which will be included in the IEEE Xplore, and submitted to INSPEC, Ei Compendex and Thomson ISI Proceeding for indexing-2nd International Conference on Environmental and Computer Science** organized by International Association of Computer Science and Information Technology, December 28-30, Dubai, UAE.

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73. **Karthikeyan, S.**, Kavitha, N., and Hemalatha, M (2009) ‘Neural Network Model for Web Document Clustering’, Proceedings of 8th **International Applied Computer and Applied Computational Science Conference** organized by World Scientific Engineering Academy and Society, May 20-22, Hangzhou, China.
74. Nagarajan, M., and **Karthikeyan, S** (2009) ‘Locating Sniper using Sensor Networks’, Proceedings of **International Conference on Mathematics and Computer Science** organized by Loyola College, January 5-6, Chennai, India.
75. Nagarajan, M., and **Karthikeyan, S** (2008) ‘Health Condition Observation using an Advanced Sensor Network’, Proceedings of 1st **International Conference on Computing, Communication and Networking** organized by Chettinad College of Engineering and Technology, December 22-24, Karur, India.
76. **Karthikeyan, S.**, Ramaraj, E., and Lalitha, N (2006) ‘An Analysis of Security Issues and Solutions for Microsoft Point-to-Point-Encryption (MPPE) Protocol’, Proceedings of **3rd International Conference on Mobile, Ubiquitous & Pervasive Computing** organized by Vellore Institute of Technology University, December 16-19, Vellore, India.
77. **Karthikeyan, S.**, Ramaraj, E., and Hemalatha, M (2005) ‘A New Approach of Hybrid Encryption Technique in Database Security’, Proceedings of **2nd International Conference on Technology, Knowledge and Society** organized by Common Ground Publishers-Australia, December 12-15, Hyderabad, India.
78. Hemalatha, M., Gomathi, V.V. and **Karthikeyan, S** (2005), ‘An Efficient Algorithm for Predicting Survival of Medical Data’, Proceedings of **2nd International Conference on Technology, Knowledge and Society** organized by Common Ground Publishers-Australia, December 12-15, Hyderabad, India, 2005.
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International Conference on Business Economics and Finance 2005 organized by Adaikalamatha College, September 29-30, Tanjore, India.

80. Hemalatha, M., **Karthikeyan, S.**, and Gopalakrishnan, V.K (2004) ‘Methods to Solve the Pitfalls of Shannon’s Information Theory in DNA Sequence Analysis’, Proceedings of **International Conference on Number Theory and Fourier Techniques** organized by Srinivasa Ramanujan Centre, Sastra University, December 19, Kumbakonam, India.

National Journals:

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82. Shanmuga Priyaa, D. and **Karthikeyan, S** (Aug’2011) ‘A Survey on Scene Detection and Video Mining Techniques’, **Karpagam Journal of Computer Sciences**, ISSN: 0973-2926, 5(5), 295-301.

83. Kavitha, N. and **Karthikeyan, S** (June’2011) ‘Effective Utilization of Processor in a Distributed Environment for PC Clusters Analysis’, **Karpagam Journal of Computer Sciences**, ISSN: 0973-2926, 5(4), 241-247.

84. Manju Priya, S. and **Karthikeyan, S** (June’2011) ‘Energy Efficient by Removing Redundant and Forming Dynamic Clustering of Nodes in Wireless Sensor Networks’, **Karpagam Journal of Computer Sciences**, ISSN: 0973-2926, 5(4), 257-262.

85. Anand Kumar, M. and **Karthikeyan, S** (2011) ‘A Security Protocol for Realtime Applications’, **Karpagam Journal of Computer Sciences**, ISSN: 0973-2926, 5(6), 321-325.

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87. **Karthikeyan, S (2008)** ‘An Extended MD5 (ExMD5) Algorithm for Better Data Integrity’, **Journal of Computer Science**, ISSN: 0973-2926, 2(3), 584-592.
88. Brindha, N., **Karthikeyan, S.**, and Lalitha, N (2007) ‘A Comparative Study between Business Process Outsourcing (BPO) and Knowledge Process Outsourcing (KPO)’, **Journal of Management**, 2(2), 584-592.
89. **Karthikeyan, S.**, Ramaraj, E., and Lalitha, N (2006) ‘The New Approach of Secure Protocol in Smart Card using Hybrid Encryption Technique’, **ICFAI Journal of System Management**, 2(2).
90. **Karthikeyan, S.**, and Ramaraj, E (2006) ‘A Design of Enhanced Security Protocol for Wireless Communication using Hybrid Encryption Technique (AES-Rijndael and RSA)’, **Indian Journal of Computing Technology**, 1(1), 22-29.
91. **Karthikeyan, S.**, Ramaraj, E., and Hemalatha, M (2006) ‘An improvement of Eun-Jun-Kyung-Kee’s Remote User Authentication Scheme in Smart Card using Hybrid Encryption’, ISSN: 0973-2926, **Journal of Computer Science**, 1(4), 293-300.
92. **Karthikeyan, S.**, Hemalatha, M., and Gomathi, V.V (2005) ‘A Data-mining Tool to Increase Human Life Days from Affecting Cardiac Arrest’, **Bioinformatics India Journal**, 3(4), 96-111.
93. **Karthikeyan, S.**, Ramaraj, E., and Hemalatha, M (2005) ‘An improvement of Security of 802.22 using Hybrid Encryption (AES-Rijndael and RSA)’, **Journal of Information Science and Technology**, 1(1), 18-26.
94. **Karthikeyan, S.**, Hemalatha, M., and Ramaraj, E (2005) ‘Database Search and Retrieval System for Bacteria’, **Bioinformatics India Journal**, 3(1), 37-42.
95. **Karthikeyan, S.**, Hemalatha, M., and Gomathi, V.V (2006) ‘Data Mining – Knowledge Discovery Database’, **Tamil Computer Magazine**, 12(18), July 16-31, 4-8.

National Conferences:

96. Anand Kumar, M., and **Karthikeyan, S (Mar’2011)** ‘Investigating the Efficiency of Modern Symmetric Cryptographic Algorithms’, Proceedings of

UGC Sponsored National conference on Data Warehousing and Data Mining
organized by Gobi Arts and Science College, Gobi, India.

97. Nagarajan, M., and **Karthikeyan, S (Mar'2010)** 'Performance Evaluation Message Passing and Cramer-Rao Lower Bound Algorithm in WSN', Proceedings of National Seminar on Recent Trends in Rough Set & Its Applications, organized by Kadhira Moidhin College, Thanjavur, India.

98. Gunasundari, R., and **Karthikeyan, S (Feb'2010)** 'Information Retrieval and machine-Learning: Web Mining Research and Practice', Proceedings of **1st National conference on Advances in computing and IT - NCACIT 2010** organized by Nehru Arts and Science College, Coimbatore, India.

99. Anand Kumar, M., and **Karthikeyan, S (Feb'2010)** 'Security in TCP/IP Protocols', Proceedings of **1st National conference on Advances in computing and IT - NCACIT 2010** organized by Nehru Arts and Science College, Coimbatore, India.

100. Anand Kumar, M., and **Karthikeyan, S (Feb'2010)** 'Comparative Analysis between IPv4 and IPv6', Proceedings of **National conference on Computer Communication and Informatics - NCCC 2010** organized by RVS Arts and Science College, Coimbatore, India.

101. Gunasundari, R., and **Karthikeyan, S (Jan'2010)** 'Analysis of Page Ranking in Web Content Mining', Proceedings of **National conference on Recent Trends in Computing**, organized by Sri Krishna College of Arts and Science, Coimbatore, India.

102. Radha, N., and **Karthikeyan, S (Dec'2009)** 'An Enhanced Fingerprint Based Fuzzy Vault System using Soft Biometrics', Proceedings of **1st Annual Research Congress (KUARC-2009)** organized by Karpagam University, Coimbatore, India.

103. **Karthikeyan, S.,** and Manju Priya, S **(Mar'2009)** 'An Analysis of Wireless Sensor Network Routing Protocols (LEACH, SPIN and GEAR)', Proceedings of

National Conference on Advanced Computing and IT Applications organized by KG Institute of Management and Technology, Coimbatore, India.

104. **Karthikeyan, S.**, Saravanakumar, M., and Deepa, .S (2008) 'Cost Effective Key Management Scheme for Secure Group Communication', Proceedings of **National Conference on Current Trends in Computer Applications** organized by Muthayammal Engineering College, February 27, Rasipuram, India.

105. **Karthikeyan, S.**, Lalitha, N., and Ramaraj, E (2006) 'An Analysis of Security issues for Microsoft-Point-to-Point-Encryption (MPPE) Protocol', Proceedings of **IEEE Sponsored National Conference on Information and Communication Convergence** organized by BSA Crescent Engineering College, December 21-22, Chennai, India.

106. Gomathi, V.V., Hemalatha, M., and **Karthikeyan, S** (2005) 'IT in Modern Health Care Systems', Proceedings of **UGC Sponsored National Conference on Information Technology Industry Challenges and Opportunities** organized by Erode Arts College, September 9-10, Erode, India.

107. **Karthikeyan, S.**, Lalitha, N., and Ramaraj, E (2005) 'An Analysis of Key Distribution Management in Cryptographic Algorithms', Proceedings of **UGC Sponsored National Conference on Distributed Networks** organized by Gobi Arts and Science College, March 26-27, Gobi, India, 2005.

108. Gomathi, V.V., Hemalatha, M., and **Karthikeyan, S** (2005) 'Data Mining – Iterative Dichotomizers Algorithm on Functional Genomics', Proceedings of **UGC Sponsored National Conference on Distributed Networks** organized by Gobi Arts and Science College, March 26-27, Gobi, India.

109. **Karthikeyan, S.**, Lalitha, N., and Ramaraj, E (2005) 'An Analysis of AES-Rijndael with other cryptographic algorithms', Proceedings of **National Conference on Emerging Technologies and Applications** organized by Navarasam Arts and Science College, February 12, Erode, India.

110. Gomathi, V.V., Hemalatha, M., and **Karthikeyan, S** (2005) 'Data Mining Techniques in Micro Array Data Analysis. National Conference on Emerging

Technologies and Applications’, Proceedings of **National Conference on Emerging Technologies and Applications** organized by Navarasam Arts and Science College, February 12, Erode, India.

111. **Karthikeyan, S.**, and Ramaraj, E (2004) ‘An Analysis of Wired Equivalent Privacy Algorithm in Wireless LAN’, Proceedings of **UGC Sponsored National Conference on Networking and Multi-Agent Systems** organized by Gobi Arts and Science College, September 25-26, Gobi, India.

112. Hemalatha, M., Gomathi, V.V. and **Karthikeyan, S (2004)** ‘An Analysis of Melanoma Skin Cancer Diagnosis by spatial Data mining Methods’, Proceedings of **UGC Sponsored National Conference on Networking and Multi-Agent Systems** organized by Gobi Arts and Science College, September 25-26, Gobi, India.

113. Gomathi, V.V., Hemalatha, M., and **Karthikeyan, S (2004)** ‘Spatial Data mining Techniques for Medical Image Classification’, Proceedings of **UGC Sponsored National Conference on Networking and Multi-Agent Systems** organized by Gobi Arts and Science College, September 25-26, Gobi, India.

114. **Karthikeyan, S.**, and Ramaraj, E (2004) ‘Self Organized Public Key Management for Secure Key Exchange’, Proceedings of **UGC Sponsored National Conference on Distributed Database and Computing** organized by Gobi Arts and Science College, March 28-29, Gobi, India.

115. **Karthikeyan, S.**, and Ramaraj, E (2003) ‘Hybrid Encryption using Symmetric and Asymmetric Techniques’, Proceedings of **2nd National Conference on Recent Trends in Networking Technology** organized by Karpagam Arts and Science College, December 12-14, Coimbatore, India.

116. **Karthikeyan, S.**, and Arunsankar, A (2003) ‘Revenue Management System in front office using Mobile Commerce Bluetooth and Wireless Technology’, Proceedings of **UGC Sponsored National Conference on Emerging Trends in Hospitality Management** organized by Karpagam Arts and Science College, August 1-2, Coimbatore, India.

117. **Karthikeyan, S., and Karthikeyan, M (2003)** ‘Bluetooth and Wireless Technology’, Proceedings of **State Level Symposium on Bluetooth and Wireless Technology** organized by Coimbatore Institute of Management and Technology, July 10-11, Coimbatore, India.

118. **Karthikeyan, S., and Karthikeyan, M (2002)** ‘Application of Bluetooth Technology in Personal Area Networking’, Proceedings of **1st National Conference on Recent Trends in Information Technology** organized by Karpagam Arts and Science College, August 22-24, Coimbatore, India.

23. Details of patents and income generated

- Not available

24. Areas of consultancy and income generated

- Not available

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad -Nil

26. Faculty serving in

National committees b) International committees c) Editorial Boards d) any other (please specify) - Not available

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

Date	Programme	Title	Organized	Attended
10.01.2011- 12.01. 2011	Workshop	Learning and Teaching for Curriculum design and Development	PRIST University	Dr. K.SARAVANAN T.KARUNAGARAN R.GOMATHIJAYAM V.SATHYA
11.02.2013 – 12.11. 2013	MHRD workshop	National Mission on Education Through Information and	National Institute of Technology, Tiruchirapalli	Dr. K.SARAVANAN

		Communication Technology		
25.08.2014– 27.08.2014	Workshop	Train The Trainer (TTT) on Rich Internet Application Development	Infosys Limited at M.A.M College of Engineering, Tiruchirappalli	Dr.S.SARAVANAKUMAR
14.08.2014	Seminar	Recent Trends in Distributed Systems	M.A.M College of Engineering, Tiruchirappalli	

28. Student projects

- ☐ percentage of students who have done in-house projects including inter-departmental projects - **54%**
- ☐ percentage of students doing projects in collaboration with other universities /industry / institute - **46%**

29. Awards / recognitions received at the national and international level by

- ☐ Faculty
- ☐ Doctoral / post doctoral fellows -Nil
- ☐ Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any

S.No.	Date	Title of the Programme	Organized by	Resource Person
1	17.09.2013	Workshop on Android Development Programme	Dept. of CS	E. MuthamilKumar SoftNetking Technologies Pvt. Ltd. Bangalore.
2	06.08.2014	Seminar on Red Hat Linux	Dept. of CS	X.Vijay Arockiya Raj CTS, Chennai

31. Code of ethics for research followed by the departments

The following are the code of ethics for research followed by the department evolved by the Institution

1. Research Data and Records

- a. Research workers must comply with the University's 'Policy on the Management of Research Data and Records' and related policies that may be promulgated from time to time. This policy includes, but it is not limited to, the following requirements -
 - i. data and records should be accurate, complete and in sufficient detail to enable verification of research results and to reflect what was communicated, decided or done;
 - ii. data (including electronic data) must be recorded in a durable and retrievable form, be appropriately indexed and comply with relevant protocols;
 - iii. data must be retained intact for a period of at least five years from the date of any publication which is based upon or longer than this if discussion of results continues, if there are regulatory or sponsor requirements, or if the data has historical or archival value;
 - iv. a research unit or department must establish procedures for retention of data and maintain a register of the data and records and their location; data and records will normally be kept in the department or unit where the research was conducted;
 - v. data forming the basis of publications must be available for discussion with other research workers; where confidentiality provisions apply, the data should be kept in a way that allows reference by third parties without breaching confidentiality; and
 - vi. when data are obtained from limited access data bases, or via a contractual arrangement, written indication of the location of the original data, or key information regarding the database from which it was obtained, must be retained by the research worker or research unit

2. Authorship

- a. For a person to be recorded as an author of a publication requires that he or she is directly involved in the creation of the publication by -
 - i. conceiving it, analyzing and interpreting the data on which it is based;
 - ii. writing or revising the intellectual content; and
 - iii. giving final approval of the version to be published
- b. The right to authorship is not tied to position or profession; ghost, gift, or honorary authorship is unacceptable. Authorship should honestly reflect the contribution to the work being published. Participation solely in the

acquisition of funding or the collection of data is not sufficient for a person to be attributed as an author of a publication.

- c. Any part of an article critical to its main conclusion must be the responsibility of at least one author.
- d. An author's role in a research output must be sufficient for that person to take public responsibility for at least that part of the output in that person's area of expertise.
- e. No person who is an author, consistent with this definition, may be excluded as an author without their permission in writing.
- f. When there is more than one co-author of a research output, one co-author (by agreement amongst the authors) should be nominated as executive author for the purposes of administration and correspondence and when there is more than one co-author of a research output, the authors should discuss and reach agreement on the order in which authors shall be listed.
- g. Other persons who contributed to the work who are not authors should be named in Acknowledgements (where the publisher provides for this, and in a manner consistent with the norms of the research field or discipline). An author must ensure that the work of research students, research assistants and technical officers is recognised in a publication derived from research to which they have made a contribution.
- h. Research workers must comply with authorship criteria appropriate to their discipline, and/or according to the requirements of the journal their work is to be published in.

3. Publications

- a. Publication of more than one paper based on the same set(s) or subset(s) of data is not acceptable, except where each subsequent paper fully cross-references and acknowledges the earlier paper or papers as the case may be (for example, in a series of closely related work, or where a complete work grew out of a preliminary publication and this is fully acknowledged).
- b. An author who submits substantially similar work to more than one publisher must disclose this to the publishers at the time of submission.
- c. Publications must include information on the sources of financial support for the research and must include a disclosure of any potential conflicts of interest. Financial sponsorship that carries an embargo on such naming of a sponsor should be avoided.

4. Supervision of Students Undertaking Research

Supervision of research higher degree students must be carried out in accordance with the Supervision of Research Higher Degree Students Policy.

5. Conflict of Interest

- a. A research worker has a conflict of interest in any circumstances where that person has a real, perceived or potential opportunity to prefer their own interests, or those of any other person or organisation, to the interests of the University. Examples of conflicts of interest in research include but are not limited to situations -

- i. where the research is sponsored by a related body;
- ii. where the researcher or a related body may benefit, directly or indirectly, from any inappropriate dissemination of research results (including any delay in or restriction upon publication of such results);
- iii. where the researcher or a related body may benefit, directly or indirectly, from the use of University resources;
- iv. where the researcher conducts a clinical trial which is sponsored by any person or organisation with a significant interest in the results of the trial.
- v. where private benefits or significant personal or professional advantage are dependent on research outcomes

A related body is any person or body with which the researcher has an affiliation or a financial involvement.

A financial involvement includes a direct or indirect financial interest, provision of benefits (such as travel and accommodation) and provision of materials or facilities.

An indirect financial interest is a financial interest or benefit derived by the researcher's relatives, personal or business associates, or research students.

It is important to recognise that real or perceived opportunities to give preference to personal interests arise from competing obligations and can be other than financial.

- b. The responsibility for managing a conflict of interest rests, in the first instance, with the individual.
 - i. A research worker must make a full disclosure of a conflict of interest or of circumstances that might give rise to a perceived or potential conflict of interest as soon as reasonably practicable as follows -
 - A. where the research worker is a head of department, to the dean of the relevant faculty;
 - B. where the research worker is a dean of a faculty, to the deputy vice-chancellor (research);
 - C. in all other cases, to the research worker's head of department.

For the conduct of clinical trials, full disclosure must include the nature of the sponsorship and the relationships between the sponsor, trial subjects and the clinical investigator.

- c. Disclosures shall be handled as follows -
 - i. the officer in receipt of the disclosure referred in paragraph (i) above must discuss the matter with the staff member concerned

- determine a procedure for the management or elimination of the conflict of interest. The procedure must be documented and the research worker advised in writing and a copy of the agreement held in the department's records.
- ii. a research worker must comply with the direction of the officer referred to in section 5 (e)(i) above in relation to the management of the conflict of interest.
 - iii. unless involved directly, it is the responsibility of heads of departments to ensure that conflicts of interest in research involving their staff members are managed appropriately.
 - iv. when a head of department has a conflict of interest in research, the dean of the faculty will be responsible for recommending to the deputy vice-chancellor (Research) appropriate management arrangements.
 - v. when a dean of faculty has a conflict of interest in research, the deputy vice-chancellor (Research) will be responsible for recommending to the vice-chancellor appropriate management arrangements.
- d. a head of department must not be a director of any organisation sponsoring research in that department or have a direct or indirect financial interest in excess of 5% equity in such an organisation unless full disclosure has been made and the vice-chancellor has approved an exception to this policy.
 - e. the deputy vice-chancellor (Research), when deciding whether to accept sponsored research or contract research funding on behalf of the University, may seek information regarding disclosure and management of any conflict of interest that may result.

6. ADDITIONAL REQUIREMENTS

- a) Any special standards of work performance and ethical conduct imposed by law or by the University in relation to particular categories of research are deemed to be included in this code in its application to persons engaged in that kind of research in the University. These include that where research procedures are of a kind requiring approval by a human or animal ethics committee, gene technology and biosafety Committee or by a safety or other validly constituted regulatory committees, research must not proceed without such prior approval.
- b) Research workers should endeavour to safeguard the interests of all parties in relation to intellectual property in accordance with the Intellectual Property Statute of the University and other guidelines as may be promulgated from time to time.
- c) Every research worker should be provided with access to material on applicable institutional guidelines for the conduct of research, including those covering ethical requirements for studies on humans or animals, requirements for confidentiality, and occupational health and safety matters.

- d) Academic staff must make a declaration as part of their annual reporting requirements that they have complied with the provisions of the code.

7. RESEARCH MISCONDUCT

- i. Research misconduct is constituted by a failure to comply with the principles or specific provisions of the code and includes but is not limited to conduct in, or in connection with, research that is (a) dishonest, reckless or negligent and (b) seriously deviates from accepted standards within the scientific and scholarly community for proposing, conducting or reporting research, such as following, includes -
 - a. the fabrication or falsification of data or results,
 - b. the use of another person's ideas, work or data without appropriate acknowledgement,
 - c. misleading ascription of authorship to a publication including the listing of authors without their permission, attributing work to people who have not in fact contributed to the publication, the lack of appropriate acknowledgement of work primarily produced by a research student/trainee or associate, and
 - d. failure to disclose conflicts of interest or cases where a conflict of interest might reasonably be perceived to exist.
- ii. Allegations of misconduct in research by students will be dealt by Student Academic Discipline Committee

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
BSC(CS) 2010-11	-	-	-	-	-
BSC(CS) 2011-12	20	06	10	30	50
BSC(CS) 2012-13	28	8	12	29	43
BSC(CS) 2013-14	25	12	08	48	32
BSC(CS) 2014-15	30	13	09	43	30
BSC(CS) 2015-16	30	11	13	-	-
BCA 2010-11	50	20	26	40	52
BCA 2011-12	50	18	25	36	50
BCA 2012-13	60	20	30	33	50
BCA 2013-14	70	24	35	34	50
BCA 2014-15	65	25	30	38	46

BCA 2015-16	45	18	20	-	-
MCA 2010-11	48	15	25	31	52
MCA 2011-12	50	20	23	40	46
MCA 2012-13	70	25	30	36	43
MCA 2013-14	75	26	32	35	43
MCA 2014-15	24	10	14	42	58
MCA 2015-16	40	12	16	-	-
M.Phil. 2010-11	40	14	20	35	50
M.Phil. 2011-12	35	10	18	29	51
M.Phil. 2012-13	35	12	17	34	49
M.Phil. 2013-14	30	10	16	33	53
M.Phil. 2014-15	40	12	20	30	30
M.Phil. 2015-16	20	4	8	-	-

33. Diversity of students

Name of the programme (refer to Question No.4)	% of students from the same university	% of students from other universities within the state	% of students from Universities outside the state	% of students from other countries
MCA 2010-11	70%	30%	-	-
MCA 2011-12	65%	35%	-	-
MCA 2012-13	75%	25%	-	-
MCA 2013-14	55%	45%	-	-
MCA 2014-15	40%	60%	-	-
MCA 2015-16	25%	75%	-	-
M.Phil. 2010-11	40%	60%	-	-
M.Phil. 2011-12	56%	44%	-	-
M.Phil. 2012-13	34%	66%	-	-
M.Phil. 2013-14	42%	58%	-	-
M.Phil. 2014-15	57%	43%	-	-
M.Phil. 2015-16	30%	70%	-	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Other Competitive Examinations

Name of the Student	Name of the Examination
R.Boopathi	V.A.O.
Arul William	Police Selection
Padmapriya	Bank
Divya	Bank
Karthikeyan	V.A.O.

35. Student progression

Student progression	Percentage against enrolled
UG to PG	2008 – 11 batch – 60 % 2009 – 12 batch – 65 % 2010 – 13 batch – 68 % 2011 - 14 batch - 54%
PG to M.Phil.	2008 – 10 batch – 30% 2009 – 11 batch – 28% 2010 – 12 batch – 32% 2011 - 13 batch - 26% 2012 - 14 batch - 30%
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed <input type="checkbox"/> Campus selection <input type="checkbox"/> Other than campus recruitment	2008 – 11batch – 23% 2009 – 12batch – 29% 2010 – 13batch – 40% 2011 – 14batch – 48%
Entrepreneurs	2008 – 11batch – 20% 2009 – 12batch – 19% 2010 – 13batch – 25% 2011 – 14batch – 16%

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	50%
from other universities within the State	45%
from universities from other States from	5%
universities outside the country	-

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

S.No	Name of the Programme	No. of Faculty
1	M.Phil	06
2	Ph.D	01

38. Present details of departmental infrastructural facilities with regard to

a) Library

Dept. Library	Titles	68
	Volumes	356

b) Internet facilities for staff and students - **8 Mbps**

c) Total number of class rooms - **10**

d) Class rooms with ICT facility - **10**

e) Students' laboratories - **04**

f) Research laboratories - **01**

39. List of doctoral, post-doctoral students and Research Associates

- Not Available

40. Number of post graduate students getting financial assistance from the university. - **04**

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Yes. Feedbacks from alumini, Outgoing students, Parents, Industrialist, Academicians, Employers , Teaching faculty and discussed in the Board of Studies (BOS) meeting held every year.

42. Does the department obtain feedback from
- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
 - Yes , For designing and revising the curriculum based on the feedback through board of studies meeting
 - Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
 - Yes, To improve Teaching and Learning
 - Alumni and employers on the programmes offered and how does the department utilize the feedback?
 - Yes, For designing and revising the curriculum to make the graduates that ensures employable and globally competent.

43. List the distinguished alumni of the department (maximum 10)

S.No	Student Name	Position	Company
1	E.Muthamilkumar	Linux Administrator	SoftNetking Technologies Pvt. Ltd. Bangalore.
2	R.Selvarani	Software Engineer	Accenture, Chennai.
3	X.Vijay Arockiya Raj	Software Engineer	CTS, Chennai.
4	N.Nithin Raj	Software Developer	Private Media Channel by Niche Video Media, Chennai
5	G.Raja Mahalingam	Software Engineer	Tele Data Information Ltd. Chennai.
6	M.Vijai Sankar	Research Associate	E-Merge Technology Global Service
7	R.Sivakumar	Software Developer	Ford, Chennai

8	S.Sriranjani	Software Engineer	Accenture, Chennai.
9	B.Vignesh Duraisamy	Software Engineer	CTS Chennai
10	K.Vasanth	Software Engineer	Infoware- Internet / Software Chennai
11	C.Sundar Jagadeesan	Programmer	Wonder Soft Pvt. Ltd.
12	Vasanth R	Software Engineer	Magnum IT Solutions
13	Dinesh Balaji	Software Engineer	Wipro, Bangalore

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Guest Lecture

S.No.	Title	Resource Person
1.	Phases of Software Product Evolution	Mr.T.J.Thamaraiselvan
2.	Etiquettes in Information Technology	Mr.T.Arulmozhidevan

45. List the teaching methods adopted by the faculty for different programmes.

- Project based Learning
- PowerPoint Presentations
- I C T Enabled Teaching
- Web Tools and techniques
- Tutorials, Seminars and Challenging Assignments

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Objective Evaluation:

- The evaluation processes to achieve educational objectives are based on the input from alumini and industries.
- These inputs are considered by the members of board of studies on part of the curriculum revision.
- These recommendations are implemented by the vital steps taken by internal mechanisms.

Outcome Assessment:

- The program outcome assessment involves the exploitation of tools like internal assessment, feedback survey and a series of action taken during the academic cycle.
- The Board of studies members meet annually to review the inputs from various surveys and also provide their own recommendations for program improvement.

47. Highlight the participation of students and faculty in extension activities.

- Free computing training programme for rural school students

S.No	Date	Name of School	No.of Students	Faculty Name	Participated Student
1	21.02.2009	Govt.Hr.Sec.School, Vandayariruppu	70	1.N.Tamilselvan 2.S.Deetchanya 3. G.Ezhilarasi 4.P.Devi 5.A.Anitha 6.U.Punitha 7.R.Gayathri 8.G.Mohan	II M.Sc (IT) III BCA
2	02.01.2012	Govt.Hr.Sec.School, Panayakkottai	110	1.S.Thiyagarajan 2.P.N.Suguna 3.V.Sathya 4.G.Ezhilarasi 5.R.Selvakumar	III B.Sc(CS)
3	23.08.2013	Govt.Hr.Sec.School, Panayakkottai	78	1.S.Thiyagarajan 2.P.N.Suguna 3.V.Sathya 4.G.Ezhilarasi 5.S.Sivakumar 6.T.Karunakaran 7.R.Gomathijayam 8. D.Thulasiraman	III MCA

48. Give details of “beyond syllabus scholarly activities” of the department.

- Research related projects
- Project beyond curriculum
- Workshop
- Seminars and Symposium
- Guest lectures

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

- **ISO 9001:2008 Certification**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- **New knowledge** – Cloud Computing, Routing and Switching in LAN
- **Basic** – Fundamental of Computing, Data Structure and Algorithm

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength

- Good favorable location atmosphere with all facilities.
- Experienced Staff.
- Convenient transport facilities.
- Offering of job oriented courses.(Banking, Insurance, Entrepreneurial Development).
- Scope for inter disciplinary courses.

Weakness

- Rural background problems.

Opportunities

- Students with Maths and Science background are coming to Computer Science Courses.
- Entrepreneurship development -Self employed chances.
- Good employment opportunities in IT sector.
- Computer Application with IT.

Challenges

- Competition from Computer Application courses at PG level.
- Shy approach of Rural background students.
- More and More new colleges.

- More and More new similar programs offered by such new colleges.

52. Future plans of the department

- To introduce of new programmes during the academic year 2015-2016.
 - M.C.A., 5 Years Integrated
 - M.Sc., (Software Engineering)
- To Organize an international conference on “Mobile Commerce and 4G Wireless” during the academic year 2015 – 2016.
- To introduce new software during the academic year 2015 – 2016.
 - JavaME
 - Oracle11g

LIFE SCIENCES

1. Name of the Department : **Department of Life Science**
2. Year of establishment : 1997
3. Is the Department part of a School/Faculty of the university?
Yes. The department is belonging to School of Arts and Science
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

Name of the Programme	Specialization
UG Programme	
B.Sc.,	Microbiology
B.Sc.,	Biotechnology
B.Sc.,	Biochemistry
PG Programme	
M.Sc.,	Microbiology
M.Sc.,	Biotechnology
M.Sc.,	Clinical Microbiology
M.Phil. Programme	
M.Phil.,	Microbiology
M.Phil.,	Biotechnology
M.Phil.,	Biochemistry
Ph.D. Programme	
Ph.D.,	Microbiology
Ph.D.,	Biotechnology
Ph.D.,	Biochemistry

5. Interdisciplinary programmes and departments involved

Programme	Department
Multimedia Package Lab	Computer Science
Communicative English	English
General Tamil	Tamil
Indian Constitution	Commerce

6. Courses in collaboration with other universities, industries, foreign institutions, etc.
Nil
7. Details of programmes discontinued, if any, with reasons
UG programmes of Microbiology, Biotechnology and Biochemistry & PG programmes of Microbiology and Biochemistry are discontinued due to the lack of admissions.
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
Semester - Choice Based Credit System
9. Participation of the department in the courses offered by other departments
Nil
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	2	2
Associate Professors	2	4	4
Assistant Professors	4	4	4

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. / M.Phil. Students guided for the last 4 years
Dr. Anusha Bhaskar	M.Sc., M.Phil., Ph.D.,	Professor & Head	Biochemistry	15	Ph.D. – 03 M.Phil. - 12
Dr. S. Mohan Raj	M.Sc., Ph.D.,	Professor	Microbiology	13	M.Phil. - 06
Dr. A. Sohna Chandra Packiavathy	M.Sc., M.Phil., Ph.D.,	Associate Professor	Biochemistry	12	M.Phil. - 06
Dr. R. Elango Mathavan	M.Sc., Ph.D.,	Associate Professor	Biotechnology	11	M.Phil. - 10
Dr. S. Ramesh	M.Sc., M.Phil., Ph.D.,	Associate Professor	Microbiology	10	M.Phil. - 10
Dr. S. Patharajan	M.Sc., Ph.D.,	Associate Professor	Biotechnology	10	Ph.D. – 01 M.Phil. - 06
Dr. S. Ilavenil	M.Sc., Ph.D.,	Assistant Professor	Biochemistry	06	M.Phil. - 03
Dr. P. Anandha Gopu	M.Sc., Ph.D.,	Assistant Professor	Biochemistry	03	M.Phil. - 02
Dr. Manonmani	M.Sc., Ph.D.,	Assistant Professor	Biotechnology	03	M.Phil. - 02
Mr. R. Satish Kumar	M.Sc., (Ph.D.)	Assistant Professor	Biotechnology	01	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

S. No.	Name and address of Adjunct Professor
1.	Dr. Moshe Reuveni Researcher Plant Science Division Agricultural Research Organization The Volcani Center Post Box No: 6, Bet Dagan 50250 ISRAEL
2.	Dr. Davide Spadaro Assistant Professor Department of Agricultural Forestry and Food Sciences AGROINNOVA – Centre of Competence University of Torino Via L. Da Vinci 44, 10095 Grugliasco (TO) ITALY

13. Percentage of classes taken by temporary faculty – programme-wise information
Nil

14. Programme-wise Student Teacher Ratio

Name of the Programme	Student-Teacher Ratio
UG Programme	-
B.Sc. Microbiology	-
B.Sc. Biotechnology	-
B.Sc. Biochemistry	-
PG Programme	-
M.Sc. Microbiology	-
M.Sc. Biotechnology	0.1:1
M.Sc. Clinical Microbiology	-

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

S.No.	Staff Category	Sanctioned	Filled
I	Academic support staff (Technical)		
	Technical Assistant	1	1
	Lab. Assistant	2	2
II	Administrative staff		
	Assistant	1	1
	Junior Assistant	2	2

16. Research thrust areas as recognized by major funding agencies

Identified 4 thrust areas:

- 1) Bioinformatics for Drug discovery and development;
- 2) Metabolic Engineering
- 3) Molecular Diagnostics
- 4) Biodiversity and conservation

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

a) Projects from National funding agencies

S.No	Principal Investigator	Title of the Project Proposal	Funding agency	Amount sanctioned (in Lakhs)	Amount received (in Lakhs)	Period / Status
1	Dr. S.Ramesh	Development of Real-time PCR Based High Throughput Biosensor System for the Detection and identification of Food Borne pathogenic fungi (ERIP/ER/1103948/M/01/1377)	DRDO	9.44	9.44	Jan. 2012-Jan. 2014 Completed
2	Dr. S.Ramesh	Antihyperglycemic, antihyperlipidemic and antioxidative effects of Noni (<i>Morinda citrifolia</i> L.) fruits in experimental and clinical models (WNRF-Project/Dr. Ramesh-PRIST/MoA/12)	World Noni Research Foundation	9.99	9.99	Feb.2012-Feb.2014 Completed
3	Dr.Anusha Bhaskar	“Medicinal Plants-Their Role in wound Healing and Regeneration” (No.ERIP/ER/1203036/M/01/1466)	DRDO	17.00	16.16	Dec. 2012-May. 2015 Completed
4	Dr. R. Elango Mathavan	<i>In vitro and Ex situ</i> Conservation and Rehabilitation of selected Threatened Medicinal Plants of North East India (BCIL/NER-BPMC / 2012 /699)	DBT	17.10	16.90	Apr. 2012-Apr. 2015 Completed
5	Dr. S.Ramesh	Development and validation of real-time PCR based nanodiagnostic system for rapid detection,	DBT	15.83	5.30	Nov. 2014-Nov. 2017 Ongoing

		biotyping and quantification of food borne enterotoxigenic bacterio pathogens (No.BT/PR10423/PFN/20/883/2013)				
Total grants					57.79	

b) Projects from International funding agencies

Principal Investigator	Title of the Project Proposal	Funding agency	Amount sanctioned (in Lakhs)	Amount received as of 09.09.2015	Period / Status
Dr. S. Mohan Raj	Construction of Synthetic Electron Circuit in Escherichia coli for Enhanced Production of Hydrogen from Renewable Source (IND-Korea/P-19/30.05.2013)	DST-India and MEST-Republic of Korea	58.12	32.81	July 2013- July 2016 Ongoing

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration

Principal Investigator	Title of the Project Proposal	Funding agency	Amount sanctioned (in Lakhs)	Amount received (in Lakhs)	Period / Status
Dr.R.Elango Mathavan	<i>In vitro and Ex situ</i> Conservation and Rehabilitation of selected Threatened Medicinal Plants of North East India. (BCIL/NER-BPMC/2012/699)	DBT	17.1	16.9	Apr. 2012- Apr. 2015 Completed

b) International collaboration

Principal Investigator	Title of the Project Proposal	Funding agency	Amount sanctioned (in Lakhs)	Amount received (in Lakhs)	Period / Status
Dr. S. Mohan Raj	Construction of Synthetic Electron Circuit in Escherichia coli for Enhanced Production of Hydrogen from Renewable Source (IND-Korea/P-19/30.05.2013)	DST-India and MEST-Republic of Korea	58.12	32.81	July 2013-July 2016 Ongoing

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.
Nil
20. Research facility / centre with
 - State recognition : WNRF
 - National recognition : DSIR, DBT, DST, DRDO
 - International recognition : MEST & NIAS - South Korea; ARO – Israel
21. Special research laboratories sponsored by / created by industry or corporate bodies
Yes. Bioprospecting Lab - Sponsored by World Noni Research Foundation, Chennai
22. Publications:
Number of papers published in peer reviewed journals: 157
Monographs : Nil
Chapters in Books : 01
Edited Books : Nil
Books with ISBN with details of publishers: 2
Impact Factor – (range): 0.1 – 8.2
23. Details of patents and income generated
 1. Kaleeswaran, B, Ilavenil, S, Ravikumar S. Device for collecting blood samples from fish. Intellectual Property of India, Docket No. 13571/ 008882/ CBR No.13425
Date:18.Oct. 2012.
 2. Lew P. Christopher, Subramanian Mohan Raj. Microorganism and the method of producing lactic acid with high yield and high concentration (United States Provisional Patent No. 107688912304677).
 3. Sunghoon Park, Subramanian Mohan Raj, Chelladurai Rathnasingh, Ji-Eun-Jo, Choi-Dae Keon. Microorganisms Transformed with Genes Encoding Glycerol Dehydratase and 3-Hydroxypropionaldehyde Dehydrogenase and the Method for preparing 3-Hydroxypropionic Acid Using the Same (http://eng.kipris.or.kr/eng/main/main_eng.jsp; Korean Patent File No. 1020080053539).
 4. Seo Jin Ho, Yong Cheol Park, Kwak Su Ryang, Sunghoon Park, Subramanian Mohan Raj, Chelladurai Rathnasingh. Method for production of 3-hydroxypropionic acid from glycerol by cultivating recombinant E. coli (http://eng.kipris.or.kr/eng/main/main_eng.jsp; Korean Patent File No. 1020090075748).

5. Seo Jin Ho, Yong Cheol Park, Kwak Su Ryang, Sunghoon Park, Subramanian Mohan Raj, Chelladurai Rathnasingh. Method for simultaneous production of 3-hydroxypropionic acid and 1,3-propanediol from glycerol by cultivating recombinant E. coli (http://eng.kipris.or.kr/eng/main/main_eng.jsp; Korean Patent File No. 1020090075754).
6. Sunghoon Park, Christy Catherine, Chelladurai Rathnasingh Subramanian Mohan Raj, Choi-Dae Keon. Recombinant microorganisms having vitamin B-12 synthesis capability and preparation method of 3-Hydroxypropionic Acid therewith (http://eng.kipris.or.kr/eng/main/main_eng.jsp; Korean Patent File No. 1020100083654).
7. Sunghoon Park, Ashok Somasundar, Jung Woo-Chel, Choi-Dae Keon, Subramanian Mohan Raj. Recombinant microorganisms transformed with puuC gene encoding 3-hydroxypropionaldehyde dehydrogenase and the method of preparing 3-hydroxypropionic acid or co-preparing 1,3-propanediol and 3-hydroxypropionic acid therewith (http://eng.kipris.or.kr/eng/main/main_eng.jsp; Korean Patent File No. 1020100083655).
8. Dr. Anusha Basker, Diagnostic Kit for the Detection of Microbial Keratitis, 4490/CHE/2014 A, 03/10/2014, Intellectual Property Building, G.S.T. Road Guindy, Chennai-600032

Copyright: 1

1. Anusha Bhaskar and Sudha. Cancerplants.com. PRIST University. Copyright No. 15566/2012-CO/L/ received in 5.12.2012.

24. Areas of consultancy and income generated
Major areas of consultancy at PRIST University

- Alternative energy models
- Animal feed formulations
- Aquaculture
- Aromatic and medicinal plant cultivation techniques
- Biofertilizers
- Consolidated bioprocessing
- Disease-free plantations
- Effluent treatment
- Embedded systems
- Mushroom cultivation
- Organic farming
- Solar panel construction and process automation
- Vermicomposting
- Analytical support for students, researchers, industrial and technical professionals
- Farming system and management for agriculturists/farmers
- Pollution monitoring control
- Product and process development for industries
- Production of bulk and fine chemicals, biomaterials and energy related products
- Solid waste and waste water management to industries

Revenue generated during the last four years

Year	Revenue generated (In Lakhs)
2009	4.7
2010	3.4
2013	1.05
2014	2.75
Total	11.9

25. Faculty selected nationally / internationally to visit other laboratories / institutions
/ industries in India and abroad

S. No	Name of the Faculty	Country visited	Period
1	Dr. S. Patharajan	ARO, Ministry of Agriculture & Rural Development ISRAEL	Oct 2012 – Sep 2014
2	Dr. S Ilavenil	National Institute of Animal Sciences, South Korea	2012-2013
3	Dr. S. Mohanraj	Pusan National University, Pusan, South Korea	Aug 22 – Sep 26, 2013

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Dr. S. Mohan Raj	Editorial Board - Frontiers Member, BIO – USA Member, Biotechnology and Bioprocess Engineering Member, KSBBE, Korea Member, ISTE, India
Dr. R. Elango Mathavan	Editorial Board - International Journal for Humanities, Science and Technology Member in National Academy of Biological Science Member in Indian Plant Tissue Culture Association
Dr. S. Ramesh	Editorial Board - International Journal for Humanities, Science and Technology Member in National Academy of Biological Science Reviewer, DNA and Cell Biology, Electronic Journal of Biotechnology
Dr. S. Patharajan	Editorial Board - International Journal for Humanities, Science and Technology Member in National Academy of Biological Science Member, American phyto pathological Society Member, Mycological Society of India

27. Faculty recharging strategies.

The following recharging strategies are adapted by the University,

- Encouraging faculties to attend orientation programs, workshops and training programs organized by leading research institutions.
- Sponsoring the faculties to attend National and International Conferences as well as to visit research laboratories within India and abroad.

28. Student projects (last five years)

- Percentage of students who have done in-house projects including interdepartmental projects
- Percentage of students doing projects in collaboration with other universities / industry/ institute

Name of the Programme	Percentage of students who have done inhouse Projects including interdepartmental projects	Percentage of students who have done in-house projects in collaboration with other universities for industry / institute
M.Sc. Microbiology	85	15
M.Sc. Biotechnology	90	10
M.Sc. Clinical Microbiology	40	60

29. a) Awards / recognitions received at the national and international level by Faculty

Name	National level	International level
Dr. R. Elango Mathavan	NABS Best poster award	-
Dr. S. Ramesh	NABS Best poster award	-
Dr. S. Patharajan	NABS Best poster award	ARO, Israel – Post Doctoral Award
Dr. S. Ilavenil	-	NIAS, South Korea - Post Doctoral Award
Dr. P. Anandha Gopu	-	Einstein award
Dr. Manonmani	Best paper award	-
Mr. R. Satish Kumar	Best paper award	-

b) Awards / recognitions received at the national and international level by Doctoral fellows

Name	National level
T. Suman	Rajiv Gandhi National Fellowship (UGC)
P.F. Steffi	Rajiv Gandhi National Fellowship (UGC)

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

International

S.No.	Title of seminars/workshops /conferences	Type	Date	Funding source	Fund received (Rs.)
1	International Conference on Biotechnology, Food, Bioengineering- Emerging Trends and Future Prospects (ICBFET)	International Conference	25– 26 Feb, 2010	ICMR	1,00,000
2	Seventh Indo-US International Workshop on Mathematical Chemistry	International Workshop	4-6 Dec, 2012	PRIST University	12,00,000

National

S.No.	Title of seminars/workshops /conferences	Type	Date	Funding source	Fund received (Rs.)
1	National conference on Biodiversity and Biotechnology	National level Conference	28-30 Mar, 2012	Ministry of Environment and forest, Govt. of India	1,00,000
2	National workshop on Advances in Medicinal Plant Biology and Toxicology - (AMPBT)	National level Workshop	21- 22 June, 2012	ICMR	25,000
3	National level Seminar on Reproductive Technology in Mammals	National level Seminar	9.9.09	PRIST University	5000
4	Recent trends in Biotechnology for crop improvement	National level Workshop	13.3.12	PRIST University	40,000

31. Code of ethics for research followed by the departments

The following codes of ethics are followed:

Thesis is accepted only if it is certified by the research supervisor that the research work reported does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion of this or any other scholar.

It is also certified by the research supervisor that the corrections and suggestions pointed by the Indian and Foreign examiners are incorporated in the thesis submitted. This certification is required when thesis is to be corrected/ modified after evaluation.

Research work progress is monitored by the doctoral committee assigned for each candidate.

Plagiarism is strictly viewed and any scholar found indulged in such activities, his/her registration will be cancelled and debarred to register for any other programme in the University. Also the supervisor recognition of the concerned faculty will be withdrawn for a period of 5 years and debarred from guiding the scholar in the University for the debarred period.

Strict confidentiality will be maintained regarding panel of examiners. The Vice- Chancellor nominate one Indian and one Foreign among the two independent panel of examiners (Indian and Foreigner) recommended by the supervisor.

32. Student profile programme-wise:

Programme	Department	2015	2014	2013	2012	2011	2010
B.Sc.	Biotechnology	12	0	0	0	0	0
	Biochemistry	2	0	0	0	0	0
	Microbiology	7	0	0	0	0	0
M.Sc.	Biotechnology	0	0	0	0	0	0
	Microbiology	0	0	0	0	2	3
	Clinical Microbiology	0	0	0	0	2	7
M.Phil	Biotechnology	0	1	1	2	19	18
	Biochemistry	2	0	2	1	12	9
	Microbiology	1	0	1	2	19	17
Ph.D	Biotechnology	1	1	7	10	9	1
	Biochemistry	0	2	5	7	4	2
	Microbiology	0	0	0	2	8	1

33. Diversity of students (last five years)

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
PG Programme				
M.Sc. Microbiology	60	30	10	-
M.Sc. Biotechnology	65	25	10	-
M.Sc. Clinical Microbiology	40	40	20	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Nil

35. Student progression

Student progression	Percentage against enrolled
UG to PG	60
PG to M.Phil.	40
PG to Ph.D.	20
Ph.D. to Post-Doctoral	10
Employed	
<input type="checkbox"/> Campus selection	60
<input type="checkbox"/> Other than campus recruitment	40
Entrepreneurs	30

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	10
from other universities within the State	90
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Number of faculty awarded Ph.D.	Year
02	2012
01	2015 awaiting for viva-voce)

38. Present details of departmental infrastructural facilities with regard to Library, Internet facilities for staff and students, Total number of class rooms, Class rooms with ICT facility, Students' laboratories, Research laboratories

Departmental infrastructural facilities	Quantity / Details
Library	1810 (200 sq.ft)
Internet facilities for staff and students	Available for all
Total number of class rooms	4
Class rooms with ICT facility	1
Students' laboratories	02
Research laboratories	04

39. List of doctoral, post-doctoral students and Research Associates a) from the host institution/university b) from other institutions/universities

S. No.	Name of the student	Category Post-doctoral / Doctoral / Research associate	Name of the University (Host / other University)
1.	T. Suman	Doctoral	Host
2.	S. Hariharan	Doctoral	Other
3.	P. Kalaivanan	Doctoral	Other
4.	R. Satish Kumar	Doctoral	Other
5.	R. Muthubalaji	Doctoral	Other
6.	Palaniselvam	Doctoral	Other
7.	S. Nancy	Doctoral	Other
8.	Kamaraj	Doctoral	Other
9.	Sridhar	Doctoral	Other
10.	Senthamil Selvi	Doctoral	Other

40. Number of post graduate students getting financial assistance from the university.

Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
Not applicable

42. Does the department obtain feedback from

- a) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes,

The feedback obtained from the faculties is used if required to modify the Curriculum/Syllabus. Based on the suggestions, new courses related to research area and need based courses are introduced as special electives with the approval of the Board of Studies.

- b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes,

The evaluation (anonymous) on staff is obtained from each student of the class at the end of each semester for the courses taught by the faculties. It is been evaluated, the areas of improvement if indicated by students are conveyed to the faculty by HOD. The students are part of syllabus subcommittee. The students view on curriculum and teaching – learning – evaluation is obtained during the class committee meetings and syllabus subcommittee meetings. The views if genuine are incorporated suitably.

- c) Alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes,

Alumni of the departments and prospective employers of our students are made members of syllabus committee, Board of studies etc. They have also been invited to the Department for

sharing their experience and delivering special lectures. The requirement of the industry and performance of students employed in their organizations are heard. Their suggestions are given due importance and implemented.

43. List the distinguished alumni of the department

S. No.	Name of the distinguished Alumni	Details of Occupation
1	Dr. A. Sathar, M.Sc., Ph.D.,	Lecturer at TEXAS University, USA
2	Dr. K. Gopinath, M.Sc., Ph.D.,	Scientist at AIIMS, New Delhi
3	R. Manikandan	Eurofins, Bangalore
4	M. Kalimuthu	Quality Control Analyst BIOCON, Bangalore
5	S. Srinivasan	Microbiologist, Ajay Biotech, Pune
6	M. Rajkumar	Food Analyst, Food Processing Unit, Krishnagiri

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

S. No.	Title of the Special Lecture / Workshop / Seminar organized	Details of the External Expert
1	Reproductive technology in mammals	Dr. Appavu G., MCC, Chennai
2	Higher educational opportunities in UK	Mr. Muralidharan, Campus UK, Chennai
3	MRI applications in Neurophysiology	Dr. Preethi Prem Kumar, Institute of Physiatry, UK
4	Recent trend in biotechnology for crop improvement	Dr. Hari B. Krishnan, USDA- ARS, University of Missouri, USA
5	Vermicomposting Technology	Dr. Sarah Sathyavathi Lady Dock, College, Madurai

45. List the teaching methods adopted by the faculty for different programmes.

- Lecture by Teacher
- Lecture-demonstration by special speaker
- Presentation by students (individual/group) by invitation
- Discussion groups conducted by class teacher
- Assignments (Test books, supplementary books, Journals and supplementary reading)
- Teaching supported by PowerPoint, Video.
- Demonstration in the Laboratory
- Projects

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The system adopted by the department to meet the objectives of programme and monitoring learning is as follows:

- The Director of Academic Courses prepares Schedule of teaching, Assessment schedule and Date for End Semester examination for each programme and communicates to the students and faculties through Head of Department.
- HOD nominates Class advisor (UG Programmes) / Faculty incharge (PG Programme) among the course instructors of that class, who advise the students in deciding courses and class works.
- The learning outcome of students is assessed continuously by conducting three assessments and one end semester examination. The internal assessment and end semester carry equal weightage. The performance of students in each assessment is displayed.
- Performance of course teacher is evaluated by the students at the end of each semester.

47. Highlight the participation of students and faculty in extension activities.

- Students are encouraged to participate in state and national level seminars and conferences.
- Students are encouraged and funded to present their contributions in international forum.
- Students are provided financial support for innovative projects.
- Faculty members are encouraged to do funded research projects and consultancy services. The students are involved in research and consultancy projects of faculty and their support/involvement are rewarded suitably. Best consultant and researcher are identified and awarded every year.
- Young faculties are supported financially for carrying out innovative projects.
- Faculties are encouraged to publish their research works and contributions in International forums by providing financial support.

48. Give details of “beyond syllabus scholarly activities” of the department.

- Conference papers by students and Ph.D. scholars.
- Students organize special lectures through their societies
- Participate state level technical competitions to show case their talents.
- Students publish their contributions in International and National journals and conferences.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

All the programmes of the department is approved by UGC, U/S 3 of Act 1956

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

1. **Molecular detection of food-borne fungal pathogens:** Promising probes have been developed for the early and reliable detection of fungal contamination in various food materials.
2. **Validation of biological properties of Noni fruits:** Phytochemical profiling of noni fruits at various ripening stages was studied. Hypoglycemic, hypolipidemic and antioxidants properties of noni fruits were studied in animal models. Clinical trial was conducted to prove the efficacy of noni fruit concentrate in type II diabetes patients.
3. **Medicinal Plant conservation:** Endangered medicinal plants were conserved by optimization of the in vitro propagation method. Genetic variability of the plants was analysed.

4. **Wound healing property of medicinal plant:** Various medicinal plants were screened for their wound healing properties in *in vivo* model.
5. **Construction of Synthetic Electron Circuit:** Novel method is developed to construct the electronic circuit in *Escherichia coli* for Enhanced Production of Hydrogen from Renewable Source.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength:

- The department has three divisions (Microbiology, Biotechnology and Biochemistry) three UG programmes and three PG programmes.
- Conducive environment and facility available for carrying out research in interdisciplinary areas.
- Well equipped laboratories and computing facilities.
- Well qualified (90% of faculties are Ph.D degree holders) and well experienced faculties.

Weakness:

- Lack of mental health among the students
- Socio-Economic conditions
- Lack of parents' support

Opportunities

- University provides financial support to present contributions of faculty in international forum, which motivates the faculty to involve in research. Students are also encouraged to present their contributions.
- Encourages to take of consultancy projects independently even by young faculty members.
- Good environment to pursue research in inter/multi disciplinary areas.
- Faculty and student exchange programmes through MOU" s with Foreign Universities by CIA provide international exposure to students and faculties.
- Good scope for establishing centre of excellence in the following areas (i). Molecular diagnosis, (ii) Biodiversity and Biotechnology (iii). Disaster mitigation and Management and (iv) Drug development.

Challenges:

- Though our department is the best Life Sciences department in the University, it has to compete with the departments of national level institutions like State Universities and IISC to attract students for Post Graduate studies and research.
- The level of funding for higher education, particularly state level institutions is limited; hence it is necessary to plan for generating resources required for research.
- Training the students to meet the global challenges of 21st century and International standards so that they are employable globally.

52. Future plans of the department.

- There is lot of expectations and need for infrastructure development in the country and state of Tamil Nadu. The experience of department, computational capability of faculties and well equipped laboratories could be utilized for infrastructure development of state.

- Many infrastructure projects are multi-disciplinary nature and needs a team comprising of inter disciplinary knowledge.
- There is a need to expose the students to the latest infrastructural developments involving different fields of expertise. Therefore it is planned to start a centre for Infrastructure Development with multidisciplinary faculty of Life Science department.

EDUCATION

1. Name of the Department : **EDUCATION**
2. Year of establishment : **2008**
3. Is the Department part of a School/faculty of the university? **Yes**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated masters;

Integrated Ph.D., D.Sc., D.Litt., etc) - UG- -B.Ed,- PG-M.Ed- Education-
M.Phil,-Education Ph.D.

UG	PG	Research
B.Ed.	M.Ed.	M.Phil. and Ph.D

5. Interdisciplinary programmes and departments involved – **Not Available**
6. Courses in collaboration with other universities, industries, foreign institutions, etc - **Not Available**
7. Details of programmes discontinued, if any, with reasons - **Not Available**
8. Examinations System - **Semester / Choice Based Credit System**
9. Participation of the department in the courses offered by other departments – **Not Available**

10. Number of teaching posts sanctioned, filled and actual (Professors / Associate Professors / Asst.Professors / others)

	Sanctioned B.Ed + M.Ed	Filled B.Ed + M.Ed	Actual (including CAS & MPS)
Professors	1+2	1+2	3
Associate Professors	1+1	1+1	2
Asst.Professors	6+7	6+7	13

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Sl no	Names	Qualification	Designation	Specialization	No:of years of experience	No: of Ph.D/ M.Phil students guided for last 4 years
1	Dr. Rajasekar	MA., M.Ed., MPhil., Ph.D	Professor	Small group & Auto Instructional Techniques	38 years	Ph.D - 8 M.Phil - 4
2	Dr.T.Arivalan	MA., M.Ed., MPhil., Ph.D.	Professor	Psychology	15 years	Ph.D-3 M.Phil-4
3	Dr.G.Sivakumar	M.Sc. M.Ed MPhil.,Ph.D	Professor	Educational Technology	10 years	M.Phil-06
4	Dr.P.Subathra	M.A., M.Ed., MPhil	Associate Professor	Web Based Instruction	10 years	M.Phil-06
5	Dr.V.Shanmugananthan	MA., M.Ed., MPhil., Ph.D	Associate Professor	Adolescences Problem	10 years	M.Phil-06
6	Dr.J.Deeba	M.Sc. M.Ed MPhil.,Ph.D	Associate Professor	Women Education	03 years	M.Phil-03
7	Mr.S.Selvaraj	M.A., M.Ed., MPhil	Assistant Professor	Computer Assisted Language Video Instructor	03 years	M.Phil-02
8	Mr.M.Balasubramanian	M.A., M.Ed., MPhil.,	Assistant Professor	Total Quantity Management	42 years	M.Phil-12
9	Mr. R.Gunasekaran	M.Sc. M.Ed MPhil.	Assistant Professor	Environmental Education	10 years	M.Phil-12
10	Mr. N.Venkataraman	M.A., M.Ed., M.Phil	Assistant Professor	Sociology	30 years	M.Phil-12
11	Mr. V. Murugan	M.A., M.Ed., MPhil.,	Assistant Professor	Personality Development	9 years	M.Phil-12

12	Mrs.R. Vaishnavi	M.A., M.Ed., MPhil	Assistant Professor	Family Environment	11 years	M.Phil-12
13.	Mr.D. Muruganantham	M.Sc, M.Ed., MPhil	Assistant Professor	E.learning Technology	5 years	M.Phil-12
14	Mr.Aron Antony Charles	M.Sc, M.Ed., MPhil	Assistant Professor	Concept mapping	4 years	M.Phil-9
15	Mr.T.Selvaraj	M.Sc, M.Ed., MPhil., MPhil.	Assistant Professor	Evaluation techques	8 years	M.Phil-12
16	Mrs. A. Regana Banu	M.A., M.Ed., MPhil	Assistant Professor	Web based Learning	5 years	M.Phil-05
17	Mrs. Hema Jenita Marry	M.CA, M.Ed., MPhil	Assistant Professor	ICT in Language Teaching	4 years	M.Phil-06
18	Mr. K. Dhanapal	M.A,M.Sc. M.Ed., M.Phil	Assistant Professor	Yoga	3years	M.Phil-02

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors-

- **Dr.P.Kalaiarasan**
Associate Professor, Alagappa University, Karaikudi
- **Dr.S.Muthumanickam**
Prof & Head, Dept. of Education, Madurai Kamaraj University,
Madurai
- **Dr.S.Anandan**
Prof & Head, Dept. of Education, Bharathidasan University, Trichy.
- **Dr.G.Pazhanivelu**
Asst. Prof, Dept. of Education, Tamil University, Thanjavur.
- **Dr.K.Mohana Sundaram,**
'A' Grade Principal, Govt. Arts College, Kumbakonam

13. Percentage of classes taken by temporary faculty- programme –wise
information – **Not Available**

14. Programme –wise Student Teacher Ratio-

- **B,Ed- 1:10 ,**
- **M.Ed- 1:10**
- **M.Phil – 1 : 3**
- **Ph.D. – 1: 4**

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual -

	Sanctioned	Filled	Actual
Academic Support Staff	2	2	2
Administrative Staff	2	2	2

16. Research thrust areas as recognized by major funding agencies – **Not Available**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, projects title and grants

Received project –wise. - **Not Available**

18. Inter- institutional collaborative projects and associated grants received
a) National collaboration b) International collaboration - **Not Available**

19. Departmental projects funded by DST-FST; UGC-SAP/ CAS, DPE; DBT, ICSSR,- **Not Available**

20. Research facility/ centre with

- State recognition
 - National recognition
 - International recognition
 -
- } **Nil**

21. Special research laboratories sponsored by / created by industry or corporate bodies – **Not Available**

22. Publications:

Number of papers published in peer reviewed journals (national /International)

– 31

BOOKS PUBLISHED IN THE INTERNATIONAL /NATIONAL JOURNALS

SL NO	NAME AND DESIGNATION OF THE FACULTY	TITLE OF THE ARTICLE	NAME OF THE PUBLISHER AND THE JOURNAL	VOLUME /YEAR & ISSN: NO:
1.	DR.P.RAJASEKAR Professor & Head of Department of Education, PRIST UNIVERSITY, Thanjavur	Impact of Computer Assisted Language on Pupils' Achievement in Written Communication in Tamil at High School Level	APH Publishing Corporation, New Delhi , "INTERNATIONAL JOURNAL OF EDUCATIONAL ADMINISTRATION AND MANAGEMENT"	VOL.II NO:1 JAN- DEC,2015 ISSN: 2348-9332
2.	DR.P.RAJASEKAR Professor & Head of Department of Education, PRIST UNIVERSITY, Thanjavur	Ahimsa as a Gift of Jainism to Education with Special Reference to Value Based Environmental Education	APH Publishing Corporation, New Delhi "INTERNATIONAL JOURNAL OF EDUCATIONAL ADMINISTRATION AND MANAGEMENT"	VOL.II NO:1 JAN- DEC,2015 ISSN: 2348-9332
3.	DR.P.RAJASEKAR Professor & Head of Department of Education, PRIST UNIVERSITY, Thanjavur	Development and validation of Small Group Learning Materials for Environmental Education at Upper Primary School Level	APH Publishing Corporation, New Delhi "EDUCATION FOR ALL"	VOL.IV NO:1 JAN-DEC .2015 ISSN NO:2319- 2437
4.	DR.P.RAJASEKAR Professor & Head of Department of Education, PRIST UNIVERSITY, Thanjavur	Is Total Quantity Management Feasible in Education Field with Reference to Schools?	APH Publishing Corporation, New Delhi "EDUCATIONS AT THE CROSSROADS"	VOL.III NO: 1 JAN.-DEC . 2014 ISSN NO: 2320- 0316
5.	DR.P.RAJASEKAR Professor & Head of Department of Education, PRIST UNIVERSITY, Thanjavur	E-Learning Technology for the Content Environmental Education to Achieve Total Quality Classroom Management at High School Level	APH Publishing Corporation, New Delhi "EDUCATIONS AT THE CROSSROADS"	VOL.III NO: 1 JAN.-DEC . 2014 ISSN NO: 2320- 0316
6.	DR.P.RAJASEKAR Professor & Head of Department of Education, PRIST UNIVERSITY, Thanjavur	Modular Approach of Teaching mathematics For the Selected Topics At Plus One Level	GRT Publications, "GOLDEN RESEARCH THOUGHTS"	VOL.IV NO: V NOV - . 2014 ISSN NO: 2231- 5063
7.	DR.P.RAJASEKAR Professor & Head of Department of Education, PRIST UNIVERSITY, Thanjavur	Urging Need to Revamp the Code of Teachers' Ethics at School Level	APH Publishing Corporation, New Delhi "THOUGHTS ON EDUCATION"	VOL.II NO: 1 JAN.-DEC. 2013 ISSN NO: 2320- 4710
8.	DR.P.RAJASEKAR Professor & Head of Department of Education, PRIST UNIVERSITY, Thanjavur	Effectiveness of Role Play Material With Newmanics Device in Teaching of Solar System at Upper Primary School Level.	APH Publishing Corporation, New Delhi "THOUGHTS ON EDUCATION"	VOL.II NO: 1 JAN.-DEC. 2013 ISSN NO: 2320- 4710
9.	DR.P.RAJASEKAR Professor & Head of Department of Education, PRIST UNIVERSITY, Thanjavur	Resilience of Stress and Procuring the Empowerment of Teachers at High School Level.	APH Publishing Corporation, New Delhi "EDUCATION AND WELFARE"	VOL.II NO: II JAN.-DEC. 2013 ISSN NO: 2320- 1762
10.	DR.P.RAJASEKAR Professor & Head of Department of Education, PRIST UNIVERSITY, Thanjavur	Utilization of Concept Maps in Teaching Mathematics for the Selected Topics at Plus One Level	APH Publishing Corporation, New Delhi "EDUCATION AND WELFARE"	VOL.II NO: II JAN.-DEC. 2013 ISSN NO: 2320- 1762

11.	DR.P.RAJASEKAR Professor & Head of Department of Education, PRIST UNIVERSITY, Thanjavur	Transcendental Curriculum Development to Accomplish Totality in School Management	APH Publishing Corporation, New Delhi "EDUCATION AND WELFARE"	VOL.II NO: II JAN.-DEC. 2013 ISSN NO: 2320- 1762
12.	DR.P.RAJASEKAR Professor & Head of Department of Education, PRIST UNIVERSITY, Thanjavur	Balancing "Efficiency" and "Effectiveness" in School Management	APH Publishing Corporation, New Delhi "EDUCATION TIMES"	VOL.II NO: 1 JAN.-DEC. 2013 ISSN NO: 2319- 8265
13.	DR.P.RAJASEKAR Professor & Head of Department of Education, PRIST UNIVERSITY, Thanjavur	New Patterns of Learning on Pupils' Proficiency in Written Communication and Professional Development of Language Teachers at Secondary Level	APH Publishing Corporation, New Delhi "EDUCATION TIMES"	VOL.II NO: 1 JAN.-DEC. 2013 ISSN NO: 2319- 8265
14.	DR.P.RAJASEKAR Professor & Head of Department of Education, PRIST UNIVERSITY, Thanjavur	Utilization of Concept Maps in Teaching Environmental Education at High School Level	APH Publishing Corporation, New Delhi "EDUCATION IN THE NEW MILLENNIUM"	2013 ISBN -978-93-313- 2030-8
15.	DR.P.RAJASEKAR Professor & Head of Department of Education, PRIST UNIVERSITY, Thanjavur	New Patterns of Learning in Environmental Health Education for Rural Students at the Secondary School Level.	AUTHORS PRESS Publications, New Delhi "HEALTH AND SOCIAL WORK PRACTICES" NEW FRONTIERS AND CHALLENGES	2011 ISBN 978-81- 7273-487-9
16.	Mr.V.Murugan Assistant Professor , Department of Education, PRIST UNIVERSITY Thanjavur.	Balancing Mental Health and Self confidence	Excellence in education – APH Publishers a Peer reviewed journal and international journal of Education and Humanities	ISSN No - 23207019 January – December 2014
17.	Mr.V.Murugan Assistant Professor , Department of Education, PRIST UNIVERSITY Thanjavur.	Moral Values and Self – Efficacy of B.Ed Students in Thanjavur Dt	IJARR-International journal of Academic Research Reflector	http ://www.ijarr.com July 2015
18.	Mr.M.Balasubramanian Assistant Professor , Department of Education, PRIST UNIVERSITY Thanjavur.	Transcendental Curriculum Development to Accomplish Totality in School Management	APH Publishing Corporation, New Delhi "EDUCATION AND WELFARE"	VOL.II NO: II JAN.-DEC. 2013 ISSN NO: 2320- 1762
19.	Mr.M.Balasubramanian Assistant Professor , Department of Education, PRIST UNIVERSITY Thanjavur.	Balancing "Efficiency" and "Effectiveness" in School Management	APH Publishing Corporation, New Delhi "EDUCATION TIMES"	VOL.II NO: 1 JAN.-DEC. 2013 ISSN NO: 2319- 8265
20.	Mr.M.Balasubramanian Assistant Professor , Department of Education, PRIST UNIVERSITY Thanjavur.	Is Total Quantity Management Feasible in Education Field with Reference to Schools?	APH Publishing Corporation, New Delhi "EDUCATIONS AT THE CROSSROADS"	VOL.III NO: 1 JAN.-DEC . 2014 ISSN NO: 2320- 0316
21.	Mr.R.Gunasekaran Assistant Professor , Department of Education, PRIST UNIVERSITY Thanjavur	The impact of Multimedia on Environmental Education Teaching at B.Ed level	APH Publishing Corporation, New Delhi "EDU WORLD"	Edu World Vol – II 2013 ISSN - 2319 -7129 Dec 2013
22.	Mr.R.Gunasekaran Assistant Professor , Department of Education, PRIST UNIVERSITY Thanjavur	A study on environmental ethics and their attitudes of B.Ed students towards environmental pollution	APH Publishing Corporation, New Delhi "JOURNAL OF EDUCATIONAL TECHNOLOGY AND RESEARCH"	ISSN 2278 –232X Dec -2013
23.	Mr.R.Gunasekaran Assistant Professor , Department of Education, PRIST UNIVERSITY	Basic concepts on environmental education as an academic discipline	APH Publishing Corporation, New Delhi " EDUCATION DEVELOPMENT"	VOL.II NO: 1 JAN.-DEC. 2014 ISSN NO: 2320- 3684

	Thanjavur			
24.	Mr.D.Muruganantham Assistant Professor , Department of Education, PRIST UNIVERSITY Thanjavur	Ahimsa as a Gift of Jainism to Education with Special Reference to Value Based Environmental Education	APH Publishing Corporation, New Delhi "INTERNATIONAL JOURNAL OF EDUCATIONAL ADMINISTRATION AND MANAGEMENT"	VOL.II NO:1 JAN- DEC,2015 ISSN: 2348-9332
25.	Mr.D.Muruganantham Assistant Professor , Department of Education, PRIST UNIVERSITY Thanjavur	Utilization of concept map in teaching environmental education at high school level	APH Publishing Corporation, New Delhi Education in the New Millennium	ISBN 978-93-313- 2030-8 May-2013
26.	Mr.D.Muruganantham Assistant Professor , Department of Education, PRIST UNIVERSITY Thanjavur	E-Learning Technology for the Content Environmental Education to Achieve Total Quality Classroom Management at High School Level	APH Publishing Corporation, New Delhi "EDUCATIONS AT THE CROSSROADS"	VOL.III NO: 1 JAN.-DEC . 2014 ISSN NO: 2320- 0316
27.	Mr.M.Aron Antony Charles Assistant Professor , Department of Education, PRIST UNIVERSITY Thanjavur	Utilization of Concept Maps in Teaching Mathematics for the Selected Topics at Plus One Level	APH Publishing Corporation, New Delhi "EDUCATION AND WELFARE"	VOL.II NO: II JAN.-DEC. 2013 ISSN NO: 2320- 1762
28.	Mr.M.Aron Antony Charles Assistant Professor , Department of Education, PRIST UNIVERSITY Thanjavur	Modular Approach of Teaching Mathematics For the Selected Topics At Plus One Level	GRT Publications, "GOLDEN RESEARCH THOUGHTS"	VOL.IV NO: V NOV - . 2014 ISSN NO: 2231- 5063
29.	Mrs.A.ReganaBanu Assistant Professor , Department of Education, PRIST UNIVERSITY Thanjavur	Development and validation of Small Group Learning Materials for Environmental Education at Upper Primary School Level	APH Publishing Corporation, New Delhi "EDUCATION FOR ALL"	VOL.IV NO:1 JAN-DEC .2015 ISSN NO:2319- 2437
30.	Mrs.A.ReganaBanu Assistant Professor , Department of Education, PRIST UNIVERSITY Thanjavur	Effectiveness of Role Play Material With Newmanics Device in Teaching of Solar System at Upper Primary School Level.	APH Publishing Corporation, New Delhi "THOUGHTS ON EDUCATION"	VOL.II NO: 1 JAN.-DEC. 2013 ISSN NO: 2320- 4710
31.	Mr.S.Selvaraj Assistant Professor , Department of Education, PRIST UNIVERSITY Thanjavur	Impact of Computer Assisted Language on Pupils' Achievement in Written Communication in Tamil at High School Level	APH Publishing Corporation, New Delhi , "INTERNATIONAL JOURNAL OF EDUCATIONAL ADMINISTRATION AND MANAGEMENT"	VOL.II NO:1 JAN- DEC,2015 ISSN: 2348-9332

- Books with ISBN with details of publishers – Dr.P.Rajasekar (2015),
School Management-ISBN 978-93-313-2724-6 APH Publishing
Corporation ,New Delhi.110002

23. Details of parents and income generated – **Not Available**

24. Areas of consultancy and income generated – **Not Available**

25. Faculty selected nationally/ internationally to visit other laboratories / institutions / industries

In India and abroad-

S.No	Name Of The Staff	Date	Programme
1	Dr.P.Rajasekar Mr.R.Gunasekaran Mr.D.Muruganantham	Feb: 09, 10 - 2015	National Workshop For new curriculum frame work, NCTE & TNTEU, Chennai

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (please specify) - **Not Available**

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

FACULTY RECHERGING STRATEGIES

S.NO	Name of the faculty	Date	Orientation Programs & Work Shop	Training Program place
01	Dr.P.Rajasekar	20/01/2011	Social work practice	Periyar Maniammai University, Thanjavur,
02	Dr.P.Rajasekar	9/02/2015	NCTE – National Curriculum Frame Work	TNTEU Chennai
03	R.Gunasekaran	7&8 JAN 2011	State Level Work Shop	Oxford college of Education Trichy
04	R.Gunasekaran	09/02/2015	NCTE-Curriculum Frame Work	TNTEU Chennai
05	R.Gunasekaran	12&14 AUG 2011	Research in Educational Analysis	IGNOU Madurai
06	D.Muruganantham	5& 6 JUN 2013	SPSS in Educational Research	Archariya college of Education, Villianur Puducherry
07	D.Muruganantham	9/02/2014	NCTE – National Curriculum Frame Work	TNTEU Chennai
08		12&14	Research Methodology&	

	M.Balasubramanian	AUG 2011	Statistics in SPSS PACKAGE	IGNOU Madurai
09	T.Selvaraj	12&14 AUG 2011	Research in Educational Analysis	IGNOU Madurai
10	V.Murugan	12&14 AUG 2011	Research in Educational Analysis	IGNOU Madurai

28. Students projects

- Percentage of students who have done in-house projects including interdepartmental projects – - **100%**
- Percentage of students doing projects in collaboration with other universities / industry / institute — **Nil**

29. Awards / recognitions received at the national and international level by Faculty

- **Dr.P.Rajasekar** – Tamilnadu Army Flag Day Collection Presented by Hon'ble Governor **Surjitsingh Barnalla** dated on 14.02.2011
- **Mr.D.Muruganantham** – Sevs Rathna Award presented by Hon'ble Member of Green Bench Judge Govt. of India **Dr.P.Jothimani** dated on 13.10.2013

30. Seminars / conferences/ Workshops organized and the source of funding (national / international) with details of outstanding particulars, if any –

National Seminar on Educational Technologists and E-Learning Technologies for Indian Classroom in the New Millennium
(Conducted on 06.06.2015)

31.Code of ethics for research followed by the departments

The following are the code of ethics for research followed by the department evolved by the Institution

1. Research Data and Records

- a. Research workers must comply with the University's 'Policy on the Management of Research Data and Records' and related policies that may be promulgated from time to time. This

policy includes, but it is not limited to, the following requirements -

- i. data and records should be accurate, complete and in sufficient detail to enable verification of research results and to reflect what was communicated, decided or done;
- ii. data (including electronic data) must be recorded in a durable and retrievable form, be appropriately indexed and comply with relevant protocols;
- iii. data must be retained intact for a period of at least five years from the date of any publication which is based upon or longer than this if discussion of results continues, if there are regulatory or sponsor requirements, or if the data has historical or archival value;
- iv. a research unit or department must establish procedures for retention of data and maintain a register of the data and records and their location; data and records will normally be kept in the department or unit where the research was conducted;
- v. data forming the basis of publications must be available for discussion with other research workers; where confidentiality provisions apply, the data should be kept in a way that allows reference by third parties without breaching confidentiality; and
- vi. when data are obtained from limited access data bases, or via a contractual arrangement, written indication of the location of the original data, or key information regarding the database from which it was obtained, must be retained by the research worker or research unit

2. Authorship

- a. For a person to be recorded as an author of a publication requires that he or she is directly involved in the creation of the publication by -
 - i. conceiving it, analysing and interpreting the data on which it is based;
 - ii. writing or revising the intellectual content; and
 - iii. giving final approval of the version to be published
- b. The right to authorship is not tied to position or profession; ghost, gift, or honorary authorship is unacceptable. Authorship should honestly reflect the contribution to the work being published. Participation solely in the acquisition of funding or the collection of data is not sufficient for a person to be attributed as an author of a publication.
- c. Any part of an article critical to its main conclusion must be the responsibility of at least one author.

- d. An author's role in a research output must be sufficient for that person to take public responsibility for at least that part of the output in that person's area of expertise.
- e. No person who is an author, consistent with this definition, may be excluded as an author without their permission in writing.
- f. When there is more than one co-author of a research output, one co-author (by agreement amongst the authors) should be nominated as executive author for the purposes of administration and correspondence and when there is more than one co-author of a research output, the authors should discuss and reach agreement on the order in which authors shall be listed.
- g. Other persons who contributed to the work who are not authors should be named in Acknowledgements (where the publisher provides for this, and in a manner consistent with the norms of the research field or discipline). An author must ensure that the work of research students, research assistants and technical officers is recognised in a publication derived from research to which they have made a contribution.
- h. Research workers must comply with authorship criteria appropriate to their discipline, and/or according to the requirements of the journal their work is to be published in.

3. Publications

- a. Publication of more than one paper based on the same set(s) or subset(s) of data is not acceptable, except where each subsequent paper fully cross-references and acknowledges the earlier paper or papers as the case may be (for example, in a series of closely related work, or where a complete work grew out of a preliminary publication and this is fully acknowledged).
- b. An author who submits substantially similar work to more than one publisher must disclose this to the publishers at the time of submission.
- c. Publications must include information on the sources of financial support for the research and must include a disclosure of any potential conflicts of interest. Financial sponsorship that carries an embargo on such naming of a sponsor should be avoided.

4. Supervision of Students Undertaking Research

Supervision of research higher degree students must be carried out in accordance with the Supervision of Research Higher Degree Students Policy.

5. Conflict of Interest

- a. A research worker has a conflict of interest in any circumstances where that person has a real, perceived or

potential opportunity to prefer their own interests, or those of any other person or organisation, to the interests of the University. Examples of conflicts of interest in research include but are not limited to situations -

- i. where the research is sponsored by a related body;
- ii. where the researcher or a related body may benefit, directly or indirectly, from any inappropriate dissemination of research results (including any delay in or restriction upon publication of such results);
- iii. where the researcher or a related body may benefit, directly or indirectly, from the use of University resources;
- iv. where the researcher conducts a clinical trial which is sponsored by any person or organisation with a significant interest in the results of the trial.
- v. where private benefits or significant personal or professional advantage are dependent on research outcomes

A related body is any person or body with which the researcher has an affiliation or a financial involvement.

A financial involvement includes a direct or indirect financial interest, provision of benefits (such as travel and accommodation) and provision of materials or facilities.

An indirect financial interest is a financial interest or benefit derived by the researcher's relatives, personal or business associates, or research students.

It is important to recognise that real or perceived opportunities to give preference to personal interests arise from competing obligations and can be other than financial.

- b. The responsibility for managing a conflict of interest rests, in the first instance, with the individual.
 - i. A research worker must make a full disclosure of a conflict of interest or of circumstances that might give rise to a perceived or potential conflict of interest as soon as reasonably practicable as follows -
 - A. where the research worker is a head of department, to the dean of the relevant faculty;
 - B. where the research worker is a dean of a faculty, to the deputy vice-chancellor (research);
 - C. in all other cases, to the research worker's head of department.

For the conduct of clinical trials, full disclosure

must include the nature of the sponsorship and the relationships between the sponsor, trial subjects and the clinical investigator.

- c. Disclosures shall be handled as follows -
 - i. the officer in receipt of the disclosure referred in paragraph (i) above must discuss the matter with the staff member concerned determine a procedure for the management or elimination of the conflict of interest. The procedure must be documented and the research worker advised in writing and a copy of the agreement held in the department's records.
 - ii. a research worker must comply with the direction of the officer referred to in section 5 (e)(i) above in relation to the management of the conflict of interest.
 - iii. unless involved directly, it is the responsibility of heads of departments to ensure that conflicts of interest in research involving their staff members are managed appropriately.
 - iv. when a head of department has a conflict of interest in research, the dean of the faculty will be responsible for recommending to the deputy vice-chancellor (Research) appropriate management arrangements.
 - v. when a dean of faculty has a conflict of interest in research, the deputy vice-chancellor (Research) will be responsible for recommending to the vice-chancellor appropriate management arrangements.
- d. a head of department must not be a director of any organisation sponsoring research in that department or have a direct or indirect financial interest in excess of 5% equity in such an organisation unless full disclosure has been made and the vice-chancellor has approved an exception to this policy.
- e. the deputy vice-chancellor (Research), when deciding whether to accept sponsored research or contract research funding on behalf of the University, may seek information regarding disclosure and management of any conflict of interest that may result.

6. ADDITIONAL REQUIREMENTS

- a) Any special standards of work performance and ethical conduct imposed by law or by the University in relation to particular categories of research are deemed to be included in this code in its application to persons engaged in that kind of research in the University. These include that where research procedures are of a kind requiring approval by a human or animal ethics committee, gene technology and biosafety Committee or by a safety or other validly constituted regulatory committees, research must not proceed without such prior approval.

- b) Research workers should endeavour to safeguard the interests of all parties in relation to intellectual property in accordance with the Intellectual Property Statute of the University and other guidelines as may be promulgated from time to time.
- c) Every research worker should be provided with access to material on applicable institutional guidelines for the conduct of research, including those covering ethical requirements for studies on humans or animals, requirements for confidentiality, and occupational health and safety matters.
- d) Academic staff must make a declaration as part of their annual reporting requirements that they have complied with the provisions of the code.

7. RESEARCH MISCONDUCT

- i. Research misconduct is constituted by a failure to comply with the principles or specific provisions of the code and includes but is not limited to conduct in, or in connection with, research that is (a) dishonest, reckless or negligent and (b) seriously deviates from accepted standards within the scientific and scholarly community for proposing, conducting or reporting research, such as following, includes -
 - a. the fabrication or falsification of data or results,
 - b. the use of another person's ideas, work or data without appropriate acknowledgement,
 - c. misleading ascription of authorship to a publication including the listing of authors without their permission, attributing work to people who have not in fact contributed to the publication, the lack of appropriate acknowledgement of work primarily produced by a research student/trainee or associate, and
 - d. failure to disclose conflicts of interest or cases where a conflict of interest might reasonably be perceived to exist.
- ii. Allegations of misconduct in research by students will be dealt by Student Academic Discipline Committee

32.Students profile programme –wise:

Name of the Programme (refer to question no: 4) UG (B.Ed)	Application received	Selected		Pass percentage	
		Male	Female	Male	Female
2014-2015	120	27	67	22.5	55.8
2013-2014	112	10	82	9	73.2
2012-2013	108	14	70	12.96	64.8
Name of the	Application	Selected		Pass percentage	

Programme (refer to question no: 4) PG (M.Ed)	received	Male	Female	Male	Female
2014-2015	55	14	11	25.45	20
2013-2014	50	11	09	22	18
2012-2013	48	12	08	25	16.67
Name of the Programme (refer to question no: 4) (M.Phil)	Application received	Selected		Pass percentage	
		Male	Female	Male	Female
2014-2015	20	01	01	5	5
2013-2014	12	01	03	8	25
2012-2013	15	04	03	26	20

33.Diversity of students

Name of the programme (refer to question no: 4) B.Ed	% of students from the same university	% of students from other universities with in the State	% of students from other universities out side the State	% of students from other countries
2014-2015	4	94	2	0
2013-2014	7	93	0	0
2012-2013	12	87	1	0
Name of the programme (refer to question no: 4) M.Ed	% of students from the same university	% of students from other universities with in the State	% of students from other universities out side the State	% of students from other countries
2014-2015	8	80	8	4
2013-2014	20	80	0	0
2012-2013	0	100	0	0
Name of the programme (refer to question no: 4) M.Phil	% of students from the same university	% of students from other universities with in the State	% of students from other universities out side the State	% of students from other countries
2014-2015	0	100	0	0
2013-2014	0	100	0	0
2012-2013	0	100	0	0

34. How many students have cleared Civil Services and Defence Services examinations, NET,SET,GATE, TET/ TRB and other competitive examinations? Give details category –wise .

S.No	Student Name	Degree	Batch	Designation	Official Address
1	M.Rajasekar	B.Ed	2009	Sub Collector	Madurai District, Melaiyur
2	G.Indira	B.Ed	2009	Teacher	Govt. School, Mariamman Kovil
3	D.Arul Josphia	B.Ed	2009	Teacher	Govt. Boys Hr.Sec. School, Vallam
4	R.Arun Shanthi	B.Ed	2010	Teacher	Govt. School, Edakelaiyur
5	R.Poonguzhali	B.Ed	2008	Teacher	Govt. Girls Hr.Sec. School, Orathanadu
6	A.Flora Daisy Rani	B.Ed	2008	Teacher	Govt. Girls Hr.Sec. School, Dharmapuri
7	B.Pradeepkumar	B.Ed	2009	Teacher	Govt. Hr.Sec. School, Theni dist.
8	P.Amuthavalli	B.Ed	2010	Teacher	PUMS Aided School.Mannargudi
9	V.Balamurugan	B.Ed	2010	Teacher	Govt. High School, Archuthipattu, Tnj
10	A.Prabhu	B.Ed	2009	Teacher	Govt. Hr.Sec. School, Trichy

35.Student progression

Student progression	Percentage against enrolled		
	2012-2013	2013-2014	2014-2015
UG to PG	30%	20%	25%
PG to M.Phil	16%	25%	22%
PG to Ph.D	38%	35%	15%
Ph.D to Post- Doctoral	-	-	-
Employed			
➤ Campus selection	40%	52%	43%
➤ Other than campus recruitment	60%	48%	57%

36.Diversity of staff

Percentage of faculty who are graduates	
Of the same university	4%
From other universities within the state	Yes – 96%
From universities from other State from	Nil
Universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc and D.Litt. during the assessment

period M.Phil – 3

DEGREE			
B.Ed.	M.Ed.	M.Phil.	Ph.D
-	-	3	1

38. Present details of departmental infrastructural facilities with regard to

a) Library – sufficient (8746 Books and 5016 Titles)

LIBRARY	TITLES	BOOKS
	5016	8746

b) Internet facilities for staff and students – **8 Mbps**

c) Total number of class rooms- **10**

d) Class rooms with ICT facility – **10**

e) Students' laboratories – **5**

- **Psychology Lab**
- **ICT Lab**
- **Physical and Biological Science Lab**
- **Art and Craft Lab**
- **Language Lab**

e) Research laboratories – **1**

39. List of doctoral, post –doctoral students and research Associates

a) from the host institution/ university – **7 Ph.D. Research Scholar**

S.No	Research Guide	Research Scholar	Year
1	Dr.P.Rajasekar, Professor, Dept. of Edn. PRIST University	Mrs.Jasmine Suthandira Devi	2011
2		Mr.M.Balasubramanian	2011
3		Mrs.A.Regana Banu	2011
4		Mr.M.Aron Antony Charles	2011
5		Mr.D.Muruganantham	2012
6		Mr.S.Selvaraj	2011
7	Dr.T.Arivalan, Professor, Dept. of Edn. PRIST University	Mr.R.Gunasekaran	2011

b) from other institutions /universities- CRD

S.No	Research Guide	Research Scholar	Year
1	Dr.G.Pazhanivelu, Asst. Professor, Tamil University	Mr.V.Murugan	2010

40. Number of post graduate students getting financial assistance from the university.- **Not Available**

41. Was any need assessment exercise undertaken before the development of new programme (s) ?

If so, highlight the methodology .- **Yes ,**

Feedback from Alumni ongoing students, parents, academicians, employers, teaching faculty and discussed in the Board of studies (BOS) meeting held every year.

42. Does the department obtain feedback from

a) faculty on curriculum as well as teaching- learning- evaluation? If yes, how does the department

utilize the feedback? – **Yes,**

Feedback has been analysed and worthwhile suggestions are implemented for further improvement

b) students on staff, curriculum and teaching –learning –evaluation and how does the department

utilize the feedback? – **Yes,**

Using new teaching and learning Technology

c) alumni and employers on the programmes offered and how does the department utilize the feed

back? – **Yes,**

Ensuring global Competency and ensuring employability

43. List of distinguished alumni of the department (maximum 10) – **Yes**

S.No	Student Name	Degree	Batch	Designation	Official Address
1	M.Rajasekar	B.Ed	2009	Sub Collector	Madurai District, Melaiyur
2	G.Indira	B.Ed	2009	Teacher	Govt. School, Mariamman Kovil
3	D.Arul Josphia	B.Ed	2009	Teacher	Govt. Boys Hr.Sec. School, Vallam
4	R.Arun Shanthi	B.Ed	2010	Teacher	Govt. School, Edakelaiyur
5	R.Poonguzhali	B.Ed	2008	Teacher	Govt. Girls Hr.Sec. School, Orathanadu
6	A.Flora Daisy Rani	B.Ed	2008	Teacher	Govt. Girls Hr.Sec. School, Dharmapuri
7	B.Pradeepkumar	B.Ed	2009	Teacher	Govt. Hr.Sec. School, Theni dist.
8	P.Amuthavalli	B.Ed	2010	Teacher	PUMS Aided School.Mannargudi
9	V.Balamurugan	B.Ed	2010	Teacher	Govt. High School, Archuthipattu, Tnj
10	A.Prabhu	B.Ed	2009	Teacher	Govt. Hr.Sec. School, Trichy

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts – **Yes** –

S.No	Date	Title	Resource Person
1	06.06.2015	Perceptions and perspectives of E-learning	Dr.G. Umarani M.Tech Ph.D , HOD SA Engg. College, Chennai

45. List the teaching methods adopted by the faculty for different programmes.

- **Field Visit ,**
- **Micro Teaching,**
- **Action research,**
- **Case study / VAL DVD ,**
- **Multimedia,**
- **Concept mapping,**
- **Modulus ,**
- **E- learning ,**
- **CAL.**

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Objective Evaluation:

- The evaluation processes to achieve educational objectives are based on the input from alumni and industries.
- These inputs are considered by the members of board of studies on part of the curriculum revision.
- These recommendations are implemented by the vital steps taken by internal mechanisms.

Outcome Assessment:

- The program outcome assessment involves the exploitation of tools like internal assessment, feedback survey and a series of action taken during the academic cycle.
- The Board of studies members meet annually to review the inputs from various surveys and also provide their own recommendations for program improvement.

47. Highlight the participation of students and faculty in extension activities.

S. no	Date	Name of the Student	Name of the Event	Title of the Programme	Organising Institution	Award
1.	06.06.2015	S.SHARMILA M.ANITHA	Social Awareness	Elocution	PRIST	PRIZE Winner
2.	10.11.2014	S.STANLEY RAJ A.SANTHOSHKUMAR	Developing Computer Software skills	Computer Awareness	PRIST	PRIZE Winner
3.	26.03.2013	A.ABINAYA S.SOLLARASI	Group Song	Music Competition	PRIST	PRIZE Winner

4.	08.03.2014	R.BINDHU A.PRINCY SHIYAMALA	Womens day	Freedom fighter	PRIST	PRIZE Winner
5.	24.08.2015	R.SWATHI A.KAVITHA S.ARUNA M.SUGANYA S.ABIYASALOMIYA A.CLEMANT	Cabinet Formation(simulation)	Parliment Minister	PRIST	PRIZE Winner
6	21.02.2015	P.AKILA	100 METERS	SPORTS	PRIST	PRIZE Runner
7	21.02.2015	K.SRUTHI	SHOTPUT	SPORTS	PRIST	PRIZE Winner
8	21.02.2015	P.AKILA M.VIDHYA	200 METERS	SPORTS	PRIST	PRIZE II AND III
9	21.02.2015	K.SRUTHI	JAVELIN THROUGH	SPORTS	PRIST	PRIZE Winner
10	21.02.2015	K.SRUTHI M.ELAKKIYA U.MENAKA	DISCUSS	SPORTS	PRIST	PRIZE Winner
11	21.02.2015	P.AKILA M.VIDHYA	400 METERS	SPORTS	PRIST	PRIZE Winner
12	21.02.2015	P.AKILA K.SRUTHI K.KOWSALYA M.ELAKKIYA	4 X 100 METERS RELAY	SPORTS	PRIST	PRIZE Winner

48.Give details of “beyond syllabus scholarly activities” of the department.

S. No	Department	Date	Name of the Event	Resource Persons
1	Education	06-06-2015	National Seminar PRIST Vallam	Dr. S. Jayarama Reddy Former Vice Chancellor S.V University ,Thirupathy
2	Education	10-04-2015	Citizenship training camp Thanjavur	Mr.S.Balasundaram Secretary sri siredi Saibaba Endowment Trust
3	Education	06.02.2015	Historical Place, Rajah Serfoji Mahal, Thanjavur	Mr.G.Sivakumar Curator ,Art Gallery Thanjavur Palace
4	Education	07.02.2015	Saraswathi Mahal, Thanjavur	Dr.N.Sudarsan Director Saraswathimahall Library Thanjavur
5	Education	04-02-2014	IICPT Thanjavur	Dr.N.Arivalan Senior Scientist IICPT

				Thanjavur
6	Education	28.03.2014	Centizenship traning camp Vallalar Temple, Thanjavur	Mr.J.Mahesan Professor PRIST
7	Education	20.08.2014	Psychology (Personality Improvement) , ,Thanjavur	Mr.V.Murugan Asst prof PRIST
8	Education	25.09.2014	Debate,PRIST Thanjavur	Dr.S.Subash Professor PRIST
9	Education	19.10.2013	Placement Training Program, Mannargudi	Prof. R.Anbzhagan, DIET, Mannargudi
10	Education	23.09.2013	Workshop on Teaching & Learning Techniques PRIST	Dr.P.Rajasekar Professor PRIST
11	Education	23-02-2013	Centizenship traning camp Vallalar Temple, Thanjavur	Dr.T.Tambaiya Trustee Vallalar Temple Thanjavur
12	Education	07.02.2013	How to impart Communication Skills PRIST	Dr.K.B.Jasmine Suthanthira Devi Professor PRIST
13	Education	13.09.2013	Enhancement of Quality in English Teaching, PRIST	Mr.N.Venkatraman Asst prof PRIST
14	Education	12.09.2013	Cancer Awareness Out Reach Program, PRPS School Thanjavur	Mr.D.Muruganantham Asst prof PRIST
15	Education	12.09-2013	Drug Addiction PRPS School Thanjavur	Mr.R.Gunasekaran Asst prof PRIST
16	Education	12.09.2013	Smoking and Drinking PRPS School Thanjavur	Dr.S.Subash Professor PRIST
17	Education	07.02.2013	Soft Skills PRIST	Dr.P.Rajasekar Professor PRIST
18	Education	04.01.2013	TobaccoAwareness Program For High School Kurungulam	Mr.V.Maruthavanan Asst prof PRIST
19	Education	18.02.2012	Centizenship traning campMariamman Koil , Thanjavur	Prof. C.Nagarajan Pro Chancellor PRIST
20	Education	23.02.2012	Medicinal Herbals Found in Sangam Literature, Thanjavur	Dr.S.Subash Professor PRIST
21	Education	05.07.2012	Literacy Program, Thanjavur	Mr.S.Ravi Asst prof PRIST
22	Education	15.02.2011	Centizenship traning camp Kathirinatham, Thanjavur	Mr.A.Joseph Amal Doss Asst prof PRIST
23	Education	04.09.2015	Leadership Capacities And	Mr.M.Balasubramaniam.

			Qualities PRIST	Asst prof PRIST
24	Education	07.09.2015	Lightening Mathematics PRIST	Mr.T.Selvaraj Asst prof PRIST
25	Education	10.09.2015	Economics in Education PRIST	Mrs.R.Vaishnavi Asst prof PRIST

49.State whether the programme / department is accredited / graded by other agencies? If yes, give

details. – **Yes, ISO 9001- 2008 Certification**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or

applied.

- **New Knowledge: Adult education, School managerial skills, Gandhian leadership profile, concept of TQM, Yoga**
- **Basic: Value Education, Peace Education**

51.Detail five major Strengths, Weakness, Opportunities and Challenges (SWOC) of the department .

STRENGTH:

- Good favourable location atmosphere with all facilities.
- Fully qualified Staff
- Experienced Staff with expertise.
- Academic flexibility
- Innovative in teaching and learning tools and techniques

WEAKNESS :

- Time Management
- Lack of mental health among the students
- Lack of proper transportation for Rural Students
- Socio-Economic conditions
- Lack of parents' support

OPPORTUNITY

- Motivation for TET, NET
- Choice based credit system
- Academic flexibility
- Parental care
- Full feedback system

CHALLENGES

- Less Attitude towards research at B.Ed level
- Lack of proper guidance and counseling
- Involvement of teachers in publishing books
- Erosion of values among students
- Inadequate physical exercise

52. Future plans of Department.

- Conduct international seminars
- Special intensive coaching programme for TET and TRB
- Enhancement of placement service
- To start integrated course for both BA/ B.Sc B.Ed ,MA/ M.Sc M.Ed for 4 years

COMMERCE

1. Name of the Department : **Commerce**
2. Year of establishment : **2008**
3. Is the Department part of a School/Faculty of the university?
Yes.
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc, D.Litt. etc.)

UG	PG	RESEARCH
B. Com.,	M. Com.,	M. Phil.,
		Ph.D.,
5. Interdisciplinary programmes and departments involved: **Nil**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
Nil
7. Details of programmes discontinued, if any, with reasons : **Nil**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
Semester System / Choice Based Credit System.
Semester, Choice Based Credit System.
9. Participation of the department in the courses offered by other departments
B.CA,- allied; Free Electives.
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	1	1
Associate Professors	2	2	2
Asst. Professors	5	5	5

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. / M.Phil. students guided for the last 4 years
Dr. R. Selvaraj	M.Com., M. Phil., Ph.D.,	professor	Marketing Management, Financial management, Banking and Insurance Services.	43 Years	Ph.D-3/ M.Phil-20
Dr. T. Uthirapathi	M.Com., M. Phil., Ph.D.,	Associate Professor	Co-Operation Banking, Marketing	40 Years	M.Phil-10
Dr. V. Rajagopal	M.Com., M. Phil., Ph.D.,	Associate Professor	Entrepreneurial Development, Marketing	40 Years	M.Phil-10
D. Krishnaveni	M.Com., M. Phil.,	Assistant Professor	Financial Management, Banking.	5 Years	M.Phil-5
Mr. G.Kothandapani	M.Com., M. Phil	Assistant Professor	Co-Operation, Banking	5 Years	M.Phil-5
Mrs. D.Dhanalakshmi	M.Com., M. Phil., M.Ed., [MBA]., PGDCA.,	Assistant Professor	Financial Management	4years	M.Phil-5
Mrs. S.Renuga Devi	M.Com., M. Phil., M.Ed.,	Assistant Professor	Financial Management	4 Years	M.Phil-5
Mrs. B. Sheela	M.Com., MBA., M. Phil.,	Assistant Professor	Financial Management, Human Resource Management	3 Years	M.Phil-5

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
Dr. S.Kamaraj M.Com., M.Phil., Ph.D., Professor, Bharathidasan University.
Dr.R.Srinivasan M.Com., M.Phil., Ph.D., Associate Professor, National College (Autonomous)-Trichy.

13. Percentage of classes taken by temporary faculty – programme-wise information
Not Applicable.

14. Programme-wise Student Teacher Ratio :

Programme	Ratio
UG	1:20
PG	1:15
M.PHIL	1:3

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: Administrative staff only 1.

	Sanctioned	Filled
Academic Support Staff	2	2
Administrative staff-Clerical	2	2
Administrative staff-Attender	1	1

16. Research thrust areas as recognized by major funding agency

Nil.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. : **Nil**

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration: **Not Available**

b) International collaboration: **Not Available**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. : **Nil**

20. Research facility / centre with

- state recognition : **Nil**
- national recognition: **Nil**
- international recognition : **Nil**

21. Special research laboratories sponsored by / created by industry or corporate bodies :
Nil

22. Publications:

* Number of papers published in peer reviewed journals (national / international)

National : 15

International : 05

23. Details of patents and income generated : **Not Available**

24. Areas of consultancy and income generated : **Not Available**

25. Faculty selected nationally / internationally to visit other laboratories / institutions
/ industries in India and abroad : **Not Available**

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other
(please specify) : **Not Available**

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops,
training programs and similar programs). Dr.R.Selvaraj attended 3 programs.
Nil

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects : **50%**
- percentage of students doing projects in collaboration with other universities
/ industry / institute : **50%(chartered Accountant Institute)**

29. Awards / recognitions received at the national and international level by

- Faculty : **Nil**
- Doctoral / post doctoral fellow : **Nil**
- Students : **Nil**

30. Seminars/ Conferences/Workshops organized and the source of funding (national
/ International) with details of outstanding participants, if any. **Nil**

31. Code of ethics for research followed by the departments.

**The following are the code of ethics for research followed by the department evolved by
the institution**

1. Research Data and Records

- a. Research workers must comply with the University's 'Policy on the Management of Research Data and Records' and related policies that may be promulgated from time to time. This policy includes, but it is not limited to, the following requirements –
 - i. data and records should be accurate, complete and in sufficient detail to enable verification of research results and to reflect what was communicated, decided or done;
 - ii. data (including electronic data) must be recorded in a durable and retrievable form, be appropriately indexed and comply with relevant protocols;
 - iii. data must be retained intact for a period of at least five years from the date of any publication which is based upon or longer than this if discussion of results continues, if there are regulatory or sponsor requirements, or if the data has historical or archival value;
 - iv. a research unit or department must establish procedures for retention of data and maintain a register of the data and records and their location; data and records will normally be kept in the department or unit where the research was conducted;
 - v. data forming the basis of publications must be available for discussion with other research workers; where confidentiality provisions apply, the data should be kept in a way that allows reference by third parties without breaching confidentiality; and
 - vi. when data are obtained from limited access data bases, or via a contractual arrangement, written indication of the location of the original data, or key information regarding the database from which it was obtained, must be retained by the research worker or research unit

2. Authorship

- a. For a person to be recorded as an author of a publication requires that he or she is directly involved in the creation of the publication by -
 - i. conceiving it, analysing and interpreting the data on which it is based;
 - ii. writing or revising the intellectual content; and
 - iii. giving final approval of the version to be published
- b. The right to authorship is not tied to position or profession; ghost, gift, or honorary authorship is unacceptable. Authorship should honestly reflect the contribution to the work being published. Participation solely in the acquisition of funding or the collection of data is not sufficient for a person to be attributed as an author of a publication.
- c. Any part of an article critical to its main conclusion must be the responsibility of at least one author.
- d. An author's role in a research output must be sufficient for that person to take public responsibility for at least that part of the output in that person's area of expertise.
- e. No person who is an author, consistent with this definition, may be excluded as an author without their permission in writing.

- f. When there is more than one co-author of a research output, one co-author (by agreement amongst the authors) should be nominated as executive author for the purposes of administration and correspondence and when there is more than one co-author of a research output, the authors should discuss and reach agreement on the order in which authors shall be listed.
- g. Other persons who contributed to the work who are not authors should be named in Acknowledgements (where the publisher provides for this, and in a manner consistent with the norms of the research field or discipline). An author must ensure that the work of research students, research assistants and technical officers is recognised in a publication derived from research to which they have made a contribution.
- h. Research workers must comply with authorship criteria appropriate to their discipline, and/or according to the requirements of the journal their work is to be published in.

3. Publications

- a. Publication of more than one paper based on the same set(s) or subset(s) of data is not acceptable, except where each subsequent paper fully cross-references and acknowledges the earlier paper or papers as the case may be (for example, in a series of closely related work, or where a complete work grew out of a preliminary publication and this is fully acknowledged).
- b. An author who submits substantially similar work to more than one publisher must disclose this to the publishers at the time of submission.
- c. Publications must include information on the sources of financial support for the research and must include a disclosure of any potential conflicts of interest. Financial sponsorship that carries an embargo on such naming of a sponsor should be avoided.

4. Supervision of Students Undertaking Research

Supervision of research higher degree students must be carried out in accordance with the Supervision of Research Higher Degree Students Policy.

5. Conflict of Interest

- a. A research worker has a conflict of interest in any circumstances where that person has a real, perceived or potential opportunity to prefer their own interests, or those of any other person or organisation, to the interests of the University. Examples of conflicts of interest in research include but are not limited to situations -
 - i. where the research is sponsored by a related body;
 - ii. where the researcher or a related body may benefit, directly or indirectly, from any inappropriate dissemination of research results (including any delay in or restriction upon publication of such results);
 - iii. where the researcher or a related body may benefit, directly or indirectly, from the use of University resources;
 - iv. Where the researcher conducts a clinical trial which is sponsored by any person or organisation with a significant interest in the results of the trial.
 - v. where private benefits or significant personal or professional advantage are dependent on research outcomes

A related body is any person or body with which the researcher has an affiliation or a financial involvement.

A financial involvement includes a direct or indirect financial interest, provision of benefits (such as travel and accommodation) and provision of materials or facilities.

An indirect financial interest is a financial interest or benefit derived by the researcher's relatives, personal or business associates, or research students.

It is important to recognise that real or perceived opportunities to give preference to personal interests arise from competing obligations and can be other than financial.

- b. The responsibility for managing a conflict of interest rests, in the first instance, with the individual.
 - i. A research worker must make a full disclosure of a conflict of interest or of circumstances that might give rise to a perceived or potential conflict of interest as soon as reasonably practicable as follows -
 - A. where the research worker is a head of department, to the dean of the relevant faculty;
 - B. where the research worker is a dean of a faculty, to the deputy vice-chancellor (research);
 - C. in all other cases, to the research worker's head of department.

For the conduct of clinical trials, full disclosure must include the nature of the sponsorship and the relationships between the sponsor, trial subjects and the clinical investigator.

- c. Disclosures shall be handled as follows -
 - i. the officer in receipt of the disclosure referred in paragraph (i) above must discuss the matter with the staff member concerned determine a procedure for the management or elimination of the conflict of interest. The procedure must be documented and the research worker advised in writing and a copy of the agreement held in the department's records.
 - ii. a research worker must comply with the direction of the officer referred to in section 5 (e)(i) above in relation to the management of the conflict of interest.
 - iii. Unless involved directly, it is the responsibility of heads of departments to ensure that conflicts of interest in research involving their staff members are managed appropriately.
 - iv. When a head of department has a conflict of interest in research, the dean of the faculty will be responsible for recommending to the deputy vice-chancellor (Research) appropriate management arrangements.
 - v. When a dean of faculty has a conflict of interest in research, the deputy vice-chancellor (Research) will be responsible for recommending to the vice-chancellor appropriate management arrangements.
- d. a head of department must not be a director of any organisation sponsoring research in that department or have a direct or indirect financial interest in excess of 5% equity in such an organisation unless full disclosure has been made and the vice-chancellor has approved an exception to this policy.

- e. the deputy vice-chancellor (Research), when deciding whether to accept sponsored research or contract research funding on behalf of the University, may seek information regarding disclosure and management of any conflict of interest that may result.

6. ADDITIONAL REQUIREMENTS

- a) Any special standards of work performance and ethical conduct imposed by law or by the University in relation to particular categories of research are deemed to be included in this code in its application to persons engaged in that kind of research in the University. These include that where research procedures are of a kind requiring approval by a human or animal ethics committee, gene technology and biosafety Committee or by a safety or other validly constituted regulatory committees, research must not proceed without such prior approval.
- b) Research workers should endeavour to safeguard the interests of all parties in relation to intellectual property in accordance with the Intellectual Property Statute of the University and other guidelines as may be promulgated from time to time.
- c) Every research worker should be provided with access to material on applicable institutional guidelines for the conduct of research, including those covering ethical requirements for studies on humans or animals, requirements for confidentiality, and occupational health and safety matters.
- d) Academic staff must make a declaration as part of their annual reporting requirements that they have complied with the provisions of the code.

7. RESEARCH MISCONDUCT

- i. Research misconduct is constituted by a failure to comply with the principles or specific provisions of the code and includes but is not limited to conduct in, or in connection with, research that is (a) dishonest, reckless or negligent and (b) seriously deviates from accepted standards within the scientific and scholarly community for proposing, conducting or reporting research, such as following, includes -
 - a. the fabrication or falsification of data or results,
 - b. the use of another person's ideas, work or data without appropriate acknowledgement,
 - c. misleading ascription of authorship to a publication including the listing of authors without their permission, attributing work to people who have not in fact contributed to the publication, the lack of appropriate acknowledgement of work primarily produced by a research student/trainee or associate, and
 - d. failure to disclose conflicts of interest or cases where a conflict of interest might reasonably be perceived to exist.
- ii. Allegations of misconduct in research by students will be dealt by Student Academic Discipline Committee

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
B,Com.,2010-2011	-	-	-	-	-
2011-2012	15	5	8	100	100
2012-2013	25	11	8	100	100
2013-2014	32	20	8	-	-
2014-2015	35	21	11	-	-
2015-2016	14	6	4	-	-
M.Com.,2011-2012	6	0	4	-	100
2012-2013	8	0	6	-	100
M. Phil., 2010-2011	10	3	7	100	100
M. Phil., 2011-2012	14	4	10	100	100
M. Phil., 2012-2013	12	4	8	100	100
M. Phil., 2013-2014	2	-	2	-	100
M. Phil., 2014-2015	5	1	4	100	100
M. Phil., 2015-2016	5	1	4	-	-

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG to PG2011-2012	50%	50%	-	-
2012-2013	33%	67%	-	-
PG to M. Phil., 2010-2011	-	100%	-	-
2011-2012	-	100%	-	-
2012-2013	-	100%	-	-
2013-2014	-	100%	-	-
2014-2015	-	100%	-	-
2015-2016	20%	80%	-	-

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Competitive Examinations:

S.NO	REG.NO	NAME	DESIGNATION	DEPARTMENT
1	22081131001	ABINAYA.G	JUNIOR.ASSIT	INSURANCES SERVICES
2	22081131003	RAMAYA.J	JUNIOR.ASSIT	PACB
3	22081131005	MANIKANDAN.P	POST MASTER	P&T
4	135C02015	RAMKUMAR.S	CONSTABLE	UNIFORM SERVICES
5	22121810003	GAYATHRI.S	JUNIOUR CLERK	BANKING SERVICES
6	22081131003	AVINASH. P.NAIR	ACCOUNTANT	BANKING SERVICES

EMPLOYED IN PRIVATE SECTOR:

S.NO	REG.NO	NAME	DESIGNATION	DEPARTMENT
1.	22081310001	EDWINPRABHU.A	MANAGER	TEXTILES
2.	22091310006	MOHD FAISAL	ACCOUNTANT	GULF COUNTRY
3.	22091310001	ASHIO AHAMEED	ACCOUNTANT	GULF COUNTRY
4.	22091310010	MOHAMED NASURUDIN	ASSISTANT	GULF COUNTRY
5.	22091310021	SHEIK ABIDHULLAH.S	LEADING COMMISSION AGENT	BETEL LEAVES KANDIYUOR

6.	22091310022	YOKESHWARA.S	MANAGER	HOTEL BUSINESS
7.	22091310029	LAKSHMIPRABHA.R	ACCOUNTANT	CHIT FUND COMPANY
8.	22111310003	SADASIVAMETHA.R	MANAGER	HOTEL BUSINESS
9.	22111310008	JEEVITHA .J	ACCOUNTANT	FURNITURE TRADE
10.	22111310011	RESHMA BEGAM.MUB	AUDITER	GULF COUNTRY

35. Student progression

Student progression		Percentage against enrolled			
UG to PG	2011-2012	50%			
	2012-2013	33%			
PG to M.Phil. 2015-2016		20%			
PG to Ph.D.		Nil			
Ph.D. to Post-Doctoral		Nil			
Employed					
<input type="checkbox"/> Campus selection(a)	B.Com	a	b	c	
	2011-14	8%	22%	30%	
	2012-15	6%	20%	15%	
	M.Com				
	2011-13	-	50%	25%	
	2012-14	-	33%	33%	
<input type="checkbox"/> Other than campus recruitment (b)					
Entrepreneurs (c)					
2008-2011		3%			
2009-2012		4%			

2010-2013	5%
2011-2014	2%

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	Nil
from other universities within the State	100%
from universities from other States from	Nil
universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : 2

S. No	Year	Number of faculty
1.	2014	2

38. Present details of departmental infrastructural facilities with regard to

a) Library .

Department	No. of Titles	120
Library	No. of Volumes	175

- b) Internet facilities for staff and students – **Yes. 8 Mbps connectivity with BSNL leased lines and Wi -Fi Campus.**

- c) Total number of class rooms. **6**

- d) Class rooms with ICT facility- **6**

- e) Students' laboratories- **Nil**

- f) Research laboratories : **Nil**

39. List of doctoral, post-doctoral students and Research Associates . **Nil**

40. Number of post graduate students getting financial assistance from the university.

Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- **Yes, feedback from Alumini, Outgoing Students, Parents, Industrialist, Academicians, Employers, Teaching faculty and Discussed in the Board of Studies (BOS) meeting held every year.**

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

- **Yes, For designing and revising the Curriculum based on the feedback through board of studies meeting.**

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

- **To improve Teaching and Learning.**

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

- **Yes, For designing and revising the Curriculum to make the graduates that ensures employable and globally competent.**

43. List the distinguished alumni of the department(maximum 10)

S. No	Name	Degree & Year	Present Position
1.	P. Manikandan	B.Com- 2012	Post Master, Thirumakkottai(Near), Mannargudi.
2.	A.Shaik Abdulla	B.Com- 2012	Leading Commission Agent, Banana and Betelleaves. Kandiyur(Near), Thiruvaiyar.
3.	V.B.Ashiq Ahamed	B.Com-2012	Foreign Services.
4.	M.Mohamed Fazhil	B.Com-2012	Foreign Services.
5.	S.Yokeswaran	B.Com-2012	Running a Hotel, Thanjavur.
6.	G. Pragash	M.Phil-2012	Asst. Professor in Commerce, SLMV College, coimbatore.
7.	M.Adaikalraj	M.Phil-2013	Teacher in Vidiyal Matriculation HSS, Valanadu, Kaikati, Trichy.

8.	S.Gayathri	M.Com-2014	Junior Clerk in City Union Bank, Kumbakonam.
9.	Dr.S.Alexender	Ph.D.,-2014	Associate Professor in Commerce, PRIST University, Thanjavur.
10.	Dr.V.John Martin	Ph.D.,-2014	Associate Professor in Commerce, Annai Velanganni College. Thanjavur.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Student's participation in other college's competition events and securing prizes.

Guest Lectures:

Year	Title	Speaker
2010-11	Recent Trends in Banking	Mr.S.K.Subramaniyan Senior Manager Indian Bank
2011-12	Share Market	Dr. R.Srinivasan National College Trichy
2012-13	Business Ethics	Dr.S.Jasmine Professor of Education PRIST University
2013-14	Self Help Groups	Dr.S.Kamaraj Annai College Professor of Management studies

Students Participation in other college's competition:

1.	Najla Noor Mohamed	Best Manager(2014-2015)	Barath Institution of Management,Thanjavur.	Winner
2.	Harish.M	Business Quiz(2014-2015)	Barath Institution of Management,Thanjavur.	Winner
3.	Balaji.B	Business Quiz(2014-2015)	Barath Institution of Management,Thanjavur.	Winner
4.	Sheik Sadam Hussain.S	Solo Dance(2014-2015)	RDB Institute of management, Papanasam.	First prize
5.	Rahamathulla.M	Song(2014-2015)	RDB Institute of management, Papanasam.	First prize
6.	Najla Noor Mohamed	Extempore Speech(2014-2015)	RDB Institute of management, Papanasam.	First prize
7.	Rifaiye Fazil.H	Product Launch(2014-2015)	A.V.V.M.Sri Pushpam College,Poondi.	Runner
8	Mohamed Aasath.A	Product Launch(2014-2015)	A.V.V.M.Sri Pushpam College,Poondi.	Runner
9.	Balaji.B	Talent show(2014-2015)	A.V.V.M.Sri Pushpam College,Poondi.	Runner

45. List the teaching methods adopted by the faculty for different programmes.

- **ICT**
- **Smart Class rooms**
- **Peer - Tutoring**
- **E – Tutoring**

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Objective Evaluation:

- **The evaluation processes to achieve educational objectives are based on the input from alumni and industries.**
- **These inputs are considered by the members of board of studies on part of the curriculum revision.**
- **These recommendations are implemented by the vital steps taken by internal mechanisms.**

Outcome Assessment:

- **The program outcome assessment involves the exploitation of tools like internal assessment, feedback survey and a series of action taken during the academic cycle.**
- **The Board of studies members meet annually to review the inputs from various surveys and also provide their own recommendations for program improvement.**

47. Highlight the participation of students and faculty in extension activities.

- **AWARENESS PROGRAM ON CROP INSURANCE SCHEMES conducted at KADAKADAPAI villaga near Mariamman Kovil on 15-02-2010 for the benefit of 25 members.**
- **Out Reach Programme: students visited SWAMIAPPA CO-OPERATIVE INSTITUTE at Thanjavur.**
- **Participating in NSS programme of the University.**

48. Give details of “beyond syllabus scholarly activities” of the department.
Students Participation in other college’s competition:

1.	Najla Noor Mohamed	Best Manager(2014-2015)	Barath Institution of Management,Thanjavur.	Winner
2.	Harish.M	Business Quiz(2014-2015)	Barath Institution of Management,Thanjavur.	Winner
3.	Balaji.B	Business Quiz(2014-2015)	Barath Institution of Management,Thanjavur.	Winner
4.	Sheik Sadam Hussain.S	Solo Dance(2014-2015)	RDB Institute of management, Papanasam.	First prize
5.	Rahamathulla.M	Song(2014-2015)	RDB Institute of management, Papanasam.	First prize
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7.	Rifaiye Fazil.H	Product Launch(2014-2015)	A.V.V.M.Sri Pushpam College,Poondi.	Runner
8	Mohamed Aasath.A	Product Launch(2014-2015)	A.V.V.M.Sri Pushpam College,Poondi.	Runner
9.	Balaji.B	Talent show(2014-2015)	A.V.V.M.Sri Pushpam College,Poondi.	Runner

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. **ISO – 9001; ISO – 2008.**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

a) New knowledge – Globalisation Reforms in Banking and insurance sector

Inflation and Human Resources Accounting

b) Basic knowledge – Accounting of all types of organisations

Marketing management

**c) Applied – Applications of marginal costing and standard costing techniques
Computer Applications in Business**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

STRENGTH

- Good favorable location atmosphere with all facilities.
- Experienced Staff.
- Convenient transport facilities.
- Offering of job oriented courses.(Banking, Insurance, Entrepreneurial Development).
- Scope for inter disciplinary courses.

WEAKNESS

- Rural background problems.

OPPERTUNITIES

- Entrepreneurship development -Self employed chances.
- Professional practices. Tax practices-Accountant practices- scope for contract business – supply of building materials.
- Good employment opportunities in financial sector.
- Computer Application with Tally.
- Import- Export procedures and practices in the Global Context.

CHALLENGES

- Competition from management courses at PG level.
- Students with Maths and Science background are not coming to Commerce Courses.
- Shy approach of Rural background students.

52. Future plans of the department.

- New Program - B.com with Computer Application.
- B.com sandwich courses (chartered accountant specialization)
- Add on courses -Banking Practices, Export and Import procedures.
- Arranging special coaching classes for Group-I and Group-II Examinations.
- To approach private banking and insurance services with regards to on the job training for final year students.
- To organize National seminars.

BUSINESS MANAGEMENT

1. Name of the Department : **BUSINESS MANAGEMENT**
2. Year of establishment : **1995**
3. Is the Department part of a School/Faculty of the university?

Faculty of the University

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

UNDER GRADUATE PROGRAM	: BBA
POST GRADUATE PROGRAM	: MBA
RESEARCH PROGRAM	: M. Phil, Ph.D

5. Interdisciplinary programmes and departments involved

- **B. Tech (CSE)**
- **B. Tech (MECH)**
- **B. Tech (CIVIL)**
- **B. Tech (EEE)**
- **B. Tech (ECE)**

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Collaboration with International Institutions for Faculty and Student

Exchange

- London School of Business Management, London, U.K.
- American University in Emirates – Dubai
- Raffles Institute of Business studies, Singapore

Collaboration with industries for sandwich programme BBA Accounting and Finance

- John Moris & Co

7. Details of programmes discontinued, if any, with reasons
 - **NIL**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
 - **Semester and Choice Based Credit System**
9. Participation of the department in the courses offered by other departments

S. No	Course	Department
1	PRINCIPLES OF MANAGEMENT	<ul style="list-style-type: none"> • B. Tech (CSE) • B. Tech (MECH) • B. Tech (CIVIL) • B. Tech (EEE) • B. Tech (ECE)
2	TOTAL QUALITY MANAGEMENT	<ul style="list-style-type: none"> • B. Tech (CSE) • B. Tech (MECH) • B. Tech (CIVIL) • B. Tech (EEE) • B. Tech (ECE)
3	ENGINEERING ECONOMICS AND COST ANALYSIS	<ul style="list-style-type: none"> • B. Tech (CSE) • B. Tech (MECH) • B. Tech (CIVIL) • B. Tech (EEE) • B. Tech (ECE)
4	ENGINEERING ECONOMICS AND FINANCIAL ACCOUNTING	<ul style="list-style-type: none"> • B. Tech (CSE) • B. Tech (MECH) • B. Tech (CIVIL) • B. Tech (EEE) • B. Tech (ECE)

10. Number of teaching posts sanctioned, filled and actual
(Professors/ Associate
Professors/ Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MAPS)
Professors	2	2	
Associate Professors	2	2	
Asst. Professors	10	12	
Others			

11. Faculty profile with name, qualification, designation, area of
specialization, experience and research under guidance

Name	Qualification	Designation	Specialisation	No. Of Years of Experience	No. Of Ph.D./ M. Phil students guided for the last 4 years
Dr.T.J.Jayasholan	Ph.D	Professor	Health Economics	31	0 / 6
Dr. K.G.Selvan	Ph.D	Professor	Banking & Finance	13	0 / 26
Dr. G.Srinivasan	Ph.D	Associate Professor	Finance	14	0 / 26
Dr.K.Rajalakshmi	Ph.D	Associate Professor	Marketing & HRM	12	0 / 21
Mr.K.Iyyappan	MBA, M.Phil., M.S.,	Assistant Professor	Finance & Systems	13	0 / 32

Mr.U.Vijayshankar	MBA, M.Phil	Assistant Professor	Marketing & HRM	3.5	0 / 24
Mr.J.Sahaya shabu	MBA	Assistant Professor	Finance & Marketing	3.5	NA
Mr.S.Mohamed Al Basidh	MBA	Assistant Professor	Marketing & HRM	1	NA
Mr.M.V.Deepak Raja Gopal	MBA	Assistant Professor	Finance & Marketing	1	NA
Mr.S.Pougajendy	MBA	Assistant Professor	Marketing & HR	14	0 / 16
Mr.M.Karthikram	MBA	Assistant Professor	Finance & Marketing	1	NA
Ms.C.Subha	MBA.,M.phil	Assistant Professor	HR & Finance	2.5	0 / 8
Mr.G.Madhu Sudhan	MBA	Assistant Professor	HR & Marketing	3	NA
Mr.P.Vinothkumar	MBA	Assistant Professor	Finance & Marketing	3	NA
Ms. D.Krishnaveni	MBA	Assistant Professor	Finance & Marketing	1	NA

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Dr. S. Rama Mohan	Senior Scientist	Indian Institute of Chemical Technology (CSIR)
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13. Percentage of classes taken by temporary faculty – programme-wise information

- **Not Applicable**

14. Programme-wise Student Teacher Ratio

S. No	Programme	Ratio
1	MBA	1:12
2	BBA	1:30
3	M. Phil	1:8

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

	Sanctioned	Filled
Office Assistant	2	2

16. Research thrust areas as recognized by major funding agencies

Nil

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Nil

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration

b) International collaboration

Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Nil

20. Research facility / centre with

- ☐ state recognition
- ☐ national recognition
- ☐ international recognition

Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies

Not applicable

22. Publications:

* Number of papers published in peer reviewed journals (national / international)

S. NO	NAME	PUBLICATIONS	
		NAT	INTER
1	Dr.T.J.Jayasholan	1	3
2	Dr. K.G.Selvan	5	6
3	Dr. G. Srinivasan	9	2
4	Dr.K.Rajalakshmi	4	4
5	Mr.K.Iyyappan	2	1
6	Mr.U.Vijayshankar	1	NIL
10	Mr.S.Pougajendy	3	2

* Monographs

* Chapters in Books

S. NO	NAME	Title of the Book	Publication	Year of Publishing
1	Dr. K. G. Selvan	The Alternative Acts of People Cooperatives	GRI University Publications	2002
2	Dr. K. G. Selvan	Peninsular Economist	Dhavanaiammal college Publication	2006
3	Dr. K. G. Selvan	Indian Economy	Animika Publishers Pvt Ltd ,New Delhi	2006
4	Dr. K. G. Selvan	Effective Management Practices	Valliammai Engineering College, Department of Management Studies	2013

* Edited Books

S. NO	NAME	Title of the Book	Publication	Year of Publishing
1	Dr. T. J. Jayasholan	Second Green Revolution	Nathi Publications, Thanjavur	2013

* Books with ISBN with details of publishers

* Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

* Citation Index – range / average

* SNIP

* SJR

* Impact Factor – range / average * h-index

23. Details of patents and income generated

Not Applicable

24. Areas of consultancy and income generated

Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions
/ industries in India and abroad

S.No	Date	Name of the Faculty	Place / country	Study tour/ Industrial visit
1	08 to 12 May 2015	Mr. S. Mohammed Al Basidh	Singapore	NeWater (A Product of PUB), City Square Mall (Functioning of a Mega mall)
2	June 2015	Mr. K. Iyyappan	Malaysia	Lotus Group of Companies, Malaysia

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (please specify)

S.N	Name of the Faculty	Status	Membership in Committees/Professional Bodies	International/ National/ Regional
1	Dr. T. J. JayaSholan	Life Member	Indian Economic Association	National
2	Dr. T. J. JayaSholan	Life Member	Association of Economist of Tamilnadu	Regional
3	Dr. K. G. Selvan	Member	Madras Management Association	National
4	Dr. K. G. Selvan	Member	Puducherry Productivity Council	Regional

5	Dr. K. G. Selvan	Member	Indian Social Science Congress Association	National
6	Dr. K. G. Selvan	Member	National Federation Urban Cooperation Bank and Credit Societies Ltd.	National
7	Dr. K. Rajalakshmi	Life Member	Indian Science and Technology Education	National
8	Dr. K. Rajalakshmi	Member	Confederation of Indian Industry- Trichi chapter	Regional
9	Mr. K. Iyyappan	Life Member	All India Management Association	National
10	Mr. K. Iyyappan	Life Member	Madras Management Association	Regional

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

S. N O	YEA R	DATE	TITLE	ORGANISED BY	NAME OF FACULTY ATTENDED
1	2010-2011	28-01-2010	HR FOR HR	MUTHAYAMMAL ENGINEERING COLLEGE	Dr. K. RAJALAKSHMI
2	2010-2011	30-01-2010	RESEARCH METHODOLOGY	JJ COLLEGE OF ENGINEERING AND TECHNOLOGY	Dr. K. RAJALAKSHMI
3	2011-2012	10-06-2011	INNOVATIVE TEACHING METHODS FOR MBA TEACHERS	PRIST SCHOOL OF BUSINESS	FACULTY MEMBERS
4	2012-2013	29-06-2012	CASE ANALYSIS AND TEACHING METHODS FOR MANAGEMENT FACULTY	PRIST SCHOOL OF BUSINESS	FACULTY MEMBERS
5	2013-2014	28-06-2013	RESEARCH TECHNIQUES USING SPSS	PRIST SCHOOL OF BUSINESS	FACULTY MEMBERS
6	2013-2014	10&11/01/2014	DATA ANALYSIS & BUSINESS MODELLING	RAJALAKSHMI ENGINEERING COLLEGE	Ms. C. SUBHA

7	2013-2014	30/01/2014	EXECUTION AND PLANNING SKILLS	GEMS B SCHOOL PUDUCHEERY	Dr. K. G. SELVAN
8	2013-2014	13/02/2014	USING NPTEL RESOURCES	KNOWLEDGE RESOURCE CENTRE – PRIST UNIVERSITY	FACULTY MEMBERS
9	2014-2015	13/03/2015	ONE DAY TRAINING PROGRAMME ON EBSCO – AN ONLINE e- RESOURCE	K10KNOWLEDGE RESOURCE CENTRE – PRIST UNIVERSITY	FACULTY MEMBERS
10	2014-2015	12/12/2014	DATA ANALYSIS FOR STRATEGIC DECISIONS	GNANAM SCHOOL OF BUSINESS	MR. J. SAHAYA SHABU
11	2014-2015	27 & 28 /02/2015	TWO DAY WORKSHOP ON RESEARCH METHODOLOGY	LIBA, CHENNAI	MR.U. VIJAYSHANKAR MR. K. IYYAPPAN
12	2014-2015	20/08/2015	ORIENTATION ON ADAPTING INNOVATIVE TEACHING METHODS	KNOWLEDGE MANAGEMENT CENTRE – PRIST UNIVERSITY	MR. J. SAHAYA SHABU
13	2014-2015	21/08/2015	ONE DAY TRAINING ON ADAPTING INNOVATIVE TEACHING METHODS	KNOWLEDGE MANAGEMENT CENTRE- PRIST UNIVERSITY	MR. J. SAHAYA SHABU MR. M. KARTHIK RAM
14	2014-2015	9/09/2015	ONE DAY WORKSHOP ON ENHANCING ENTREPRENEURSHIP SKILLS	BHARATHIDAS AN UNIVERSITY	MR. U. VIJAYSHANKAR

28. Student projects

- ☐ percentage of students who have done in-house projects including inter-departmental projects
- ☐ percentage of students doing projects in collaboration with other universities
/ industry / institute

29. Awards / recognitions received at the national and international level by

- ☐ Faculty
- ☐ Doctoral / post doctoral fellows
- ☐ Students

Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national / International) with details of outstanding participants, if any.

S. NO	YEAR	DATE	TITLE
1	2009-10	12-12-2009	National Level Workshop On Entrepreneurial Development
2	2010-11	29 & 30 – 10 – 2010	National Level Symposium On Entrepreneurship Development
3	2011-12	14-11-2011	HR GIPFEL – A Panel Discussion
4	2012-13	02-03-2012	Entrepreneurship – A Mission with Passion
5	2012-13	16-03-2012	National Level Management Meet – Kezeles Modes – 2012
6	2012-13	05-10-2012	National Level Conference On Innovations In Management, Technology And Science
7	2013-14	30-01-2013	National Level Management Meet – Kezeles Modes – 2013
8	2014-15	21,22 & 23/01/2015	ANTS EXPO (Management Expo)
9	2014-15	28/01/2015	LLIFA (Management Meet)
10	2014-15	27/03/2015	NCIEBSS (National Level Conference)
12	2014-15	1,2,3,4,5 & 6/06/2015	Summer Camp
13	2014-15	21/06/2015	Workshop on yoga - A tool on stress Management

31. Code of ethics for research followed by the departments.

1. Research Data and Records

- a. Research workers must comply with the University's 'Policy on the Management of Research Data and Records' and related policies that may be promulgated from time to time. This policy includes, but it is not limited to, the following requirements -
 - i. data and records should be accurate, complete and in sufficient detail to enable verification of research results and to reflect what was communicated, decided or done;
 - ii. data (including electronic data) must be recorded in a durable and retrievable form, be appropriately indexed and comply with relevant protocols;
 - iii. data must be retained intact for a period of at least five years from the date of any publication which is based upon or longer than this if discussion of results continues, if there are regulatory or sponsor requirements, or if the data has historical or archival value;
 - iv. a research unit or department must establish procedures for retention of data and maintain a register of the data and records and their location; data and records will normally be kept in the department or unit where the research was conducted;
 - v. data forming the basis of publications must be available for discussion with other research workers; where confidentiality provisions apply, the data should be kept in a way that allows reference by third parties without breaching confidentiality; and
 - vi. when data are obtained from limited access data bases, or via a contractual arrangement, written indication of the location of the original data, or key information regarding the database from which it was obtained, must be retained by the research worker or research unit

2. Authorship

- a. For a person to be recorded as an author of a publication requires that he or she is directly involved in the creation of the publication by -
 - i. conceiving it, analysing and interpreting the data on which it is based;
 - ii. writing or revising the intellectual content; and
 - iii. giving final approval of the version to be published

- b. The right to authorship is not tied to position or profession; ghost, gift, or honorary authorship is unacceptable. Authorship should honestly reflect the contribution to the work being published. Participation solely in the acquisition of funding or the collection of data is not sufficient for a person to be attributed as an author of a publication.
- c. Any part of an article critical to its main conclusion must be the responsibility of at least one author.
- d. An author's role in a research output must be sufficient for that person to take public responsibility for at least that part of the output in that person's area of expertise.
- e. No person who is an author, consistent with this definition, may be excluded as an author without their permission in writing.
- f. When there is more than one co-author of a research output, one co-author (by agreement amongst the authors) should be nominated as executive author for the purposes of administration and correspondence and when there is more than one co-author of a research output, the authors should discuss and reach agreement on the order in which authors shall be listed.
- g. Other persons who contributed to the work who are not authors should be named in Acknowledgements (where the publisher provides for this, and in a manner consistent with the norms of the research field or discipline). An author must ensure that the work of research students, research assistants and technical officers is recognised in a publication derived from research to which they have made a contribution.
- h. Research workers must comply with authorship criteria appropriate to their discipline, and/or according to the requirements of the journal their work is to be published in.

3. Publications

- a. Publication of more than one paper based on the same set(s) or subset(s) of data is not acceptable, except where each subsequent paper fully cross-references and acknowledges the earlier paper or papers as the case may be (for example, in a series of closely related work, or where a complete work grew out of a preliminary publication and this is fully acknowledged).
- b. An author who submits substantially similar work to more than one publisher must disclose this to the publishers at the time of submission.
- c. Publications must include information on the sources of financial support for the research and must include a disclosure of any

potential conflicts of interest. Financial sponsorship that carries an embargo on such naming of a sponsor should be avoided.

4. Supervision of Students Undertaking Research

Supervision of research higher degree students must be carried out in accordance with the Supervision of Research Higher Degree Students Policy.

5. Conflict of Interest

- a. A research worker has a conflict of interest in any circumstances where that person has a real, perceived or potential opportunity to prefer their own interests, or those of any other person or organisation, to the interests of the University. Examples of conflicts of interest in research include but are not limited to situations -
 - i. where the research is sponsored by a related body;
 - ii. where the researcher or a related body may benefit, directly or indirectly, from any inappropriate dissemination of research results (including any delay in or restriction upon publication of such results);
 - iii. where the researcher or a related body may benefit, directly or indirectly, from the use of University resources;
 - iv. where the researcher conducts a clinical trial which is sponsored by any person or organisation with a significant interest in the results of the trial.
 - v. where private benefits or significant personal or professional advantage are dependent on research outcomes

A related body is any person or body with which the researcher has an affiliation or a financial involvement.

A financial involvement includes a direct or indirect financial interest, provision of benefits (such as travel and accommodation) and provision of materials or facilities.

An indirect financial interest is a financial interest or benefit derived by the researcher's relatives, personal or business associates, or research students.

It is important to recognise that real or perceived opportunities to

give preference to personal interests arise from competing obligations and can be other than financial.

- b. The responsibility for managing a conflict of interest rests, in the first instance, with the individual.
 - i. A research worker must make a full disclosure of a conflict of interest or of circumstances that might give rise to a perceived or potential conflict of interest as soon as reasonably practicable as follows -
 - A. where the research worker is a head of department, to the dean of the relevant faculty;
 - B. where the research worker is a dean of a faculty, to the deputy vice-chancellor (research);
 - C. in all other cases, to the research worker's head of department.

For the conduct of clinical trials, full disclosure must include the nature of the sponsorship and the relationships between the sponsor, trial subjects and the clinical investigator.

- c. Disclosures shall be handled as follows -
 - i. the officer in receipt of the disclosure referred in paragraph (i) above must discuss the matter with the staff member concerned determine a procedure for the management or elimination of the conflict of interest. The procedure must be documented and the research worker advised in writing and a copy of the agreement held in the department's records.
 - ii. a research worker must comply with the direction of the officer referred to in section 5 (e)(i) above in relation to the management of the conflict of interest.
 - iii. unless involved directly, it is the responsibility of heads of departments to ensure that conflicts of interest in research involving their staff members are managed appropriately.
 - iv. when a head of department has a conflict of interest in research, the dean of the faculty will be responsible for recommending to the deputy vice-chancellor (Research) appropriate management arrangements.
 - v. when a dean of faculty has a conflict of interest in research, the deputy vice-chancellor (Research) will be responsible

for recommending to the vice-chancellor appropriate management arrangements.

- d. a head of department must not be a director of any organisation sponsoring research in that department or have a direct or indirect financial interest in excess of 5% equity in such an organisation unless full disclosure has been made and the vice-chancellor has approved an exception to this policy.
- e. the deputy vice-chancellor (Research), when deciding whether to accept sponsored research or contract research funding on behalf of the University, may seek information regarding disclosure and management of any conflict of interest that may result.

6. ADDITIONAL REQUIREMENTS

- a) Any special standards of work performance and ethical conduct imposed by law or by the University in relation to particular categories of research are deemed to be included in this code in its application to persons engaged in that kind of research in the University. These include that where research procedures are of a kind requiring approval by a human or animal ethics committee, gene technology and biosafety Committee or by a safety or other validly constituted regulatory committees, research must not proceed without such prior approval.
- b) Research workers should endeavour to safeguard the interests of all parties in relation to intellectual property in accordance with the Intellectual Property Statute of the University and other guidelines as may be promulgated from time to time.
- c) Every research worker should be provided with access to material on applicable institutional guidelines for the conduct of research, including those covering ethical requirements for studies on humans or animals, requirements for confidentiality, and occupational health and safety matters.
- d) Academic staff must make a declaration as part of their annual reporting requirements that they have complied with the provisions of the code.

7. RESEARCH MISCONDUCT

- i. Research misconduct is constituted by a failure to comply with the principles or specific provisions of the code and includes but is not limited to conduct in, or in connection with, research that is (a) dishonest, reckless or negligent and (b) seriously deviates from accepted standards within the

scientific and scholarly community for proposing, conducting or reporting research, such as following, includes -

- a. the fabrication or falsification of data or results,
 - b. the use of another person's ideas, work or data without appropriate acknowledgement,
 - c. misleading ascription of authorship to a publication including the listing of authors without their permission, attributing work to people who have not in fact contributed to the publication, the lack of appropriate acknowledgement of work primarily produced by a research student/trainee or associate, and
 - d. failure to disclose conflicts of interest or cases where a conflict of interest might reasonably be perceived to exist.
- ii. Allegations of misconduct in research by students will be dealt by Student Academic Discipline Committee

32. Student profile programme-wise:

Management Studies	Programme	2015	2014	2013	2012	2011
	BBA	18	29	22	14	14
	MBA	12	22	52	54	60
	M.Phil.	6	9	8	7	6

S. N O	Year	BBA		TOTAL	MBA		TOTAL	M.PHIL		TOTAL
		BOYS	GIRLS		BOYS	GIRLS		BOYS	GIRLS	
1	2011 - 2014	9	5	14	39	21	60	1	5	6
2	2012 - 2015	8	6	14	30	24	54	3	4	7
3	2013 - 2016	12	10	22	27	25	53	2	6	8
4	2014 - 2017	19	10	29	12	10	22	2	7	9
5	2015 - 2018	15	3	18	5	7	12	3	4	7

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
BBA	-	86.53	3.09	10.38
MBA	5	93.0	1.0	1.0
M.Phil	-	73.0	27.0	-

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NIL

35. Student progression

Student progression	Percentage against enrolled
UG to PG	45%
PG to M.Phil.	10%
PG to Ph.D.	5%
Ph.D. to Post-Doctoral	-
Employed	69 %
<input type="checkbox"/> Campus selection	6%
<input type="checkbox"/> Other than campus recruitment	
Entrepreneurs	12%

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	: 7 %
From other universities within the State	: 93 %
from universities from other States from universities outside the	

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

M.Phil - 2

Ph.D - 1

38. Present details of departmental infrastructural facilities with regard to

- a) Library

TEXTS AND REFERENCES			
	MANAGEMENT	COMMERCE	TOTAL
VOLUMES	10291	4442	14733
TITLES	4136	663	4799

JOURNALS AND MAGAZINES	
JOURNALS	13
MAGAZINES	5
E- RESOURCES	EBSCO, J-GATE
AICTE- INDEST CONSORTIUM	23
OXFORD UNIVERSITY PRESS	29

- b) Internet facilities for staff and students
- **Computer Centre with area of 100 sqm**
 - **Internet connectivity of 8 Mbps**
 - **Total number of Computers 60**
- c) Total number of class rooms
- **8 Class room**
- d) Class rooms with ICT facility
- **Smart Class Room with area of 100 sqm**
 - **Internet connectivity of 8 Mbps**
 - **Total number of terminals 50**
- e) Students' laboratories

- **Computer lab**
- f) Research laboratories
- **Computer lab**
39. List of doctoral, post-doctoral students and Research Associates
- a) from the host institution/university
- Nil
- b) from other institutions/universities
- Mr.K.Iyyappan
Mr.U.Vijayshankar
40. Number of post graduate students getting financial assistance from the university.
Not Applicable
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
- Yes. The following feedback has been collected**
- **Industry personnel feedback on Curriculum**
 - **Alumni feedback on Curriculum**
 - **Employers feedback on Curriculum**
 - **Parents Feedback on Curriculum**
 - **Students Feedback on Curriculum**
 - **Academic peer feedback on Curriculum**
42. Does the department obtain feedback from
- a. Faculty on curriculum as well as teaching-learning-evaluation?
If yes, how does the department utilize the feedback?
- Yes. Faculty feedback on curriculum based on their teaching experience and requirement has been taken into account and used for further refinement.**

- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes. Feedback of students on staff regarding teaching, learning and evaluation were recorded and action taken.

- c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes. Alumni and employers feedback were obtained and analysed and appropriate changes were made to improve the programme.

43. List the distinguished alumni of the department (maximum 10)

BATCH	NAME OF THE ALUMNI	ORGANISATION	DESIGNATION
2008	Mr. Ramaraj raja	Ramco Biotech, Chennai	Manager - HR
2009	Ms. Iswarya ramani	Ericsson Ltd., Delhi	Head - Recruitment
2010	Mr.J.Alexander Edward	Helix Energy, East Houston, Texas, USA	Finance Consultant
2010	Mr. Manoj Kumar	Tata Consultancy Services, Chennai	Financial Analyst
2011	Ms. Aruna Devi	Royal Bank of Scotland.	Consultant

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

S. NO	DATE	TITLE
1	12-12-2009	National Level Workshop On Entrepreneurial Development
2	21-02-2010	Workshop on communication skills
3	20-09-2010	Workshop on statistical tools for research

4	29 & 30 – 10 – 2010	National Level Seminar on Entrepreneurship Development
5	14-11-2011	HR GIPFEL – A Panel Discussion
6	13-02-2012	Workshop on Personality Development
7	02-03-2012	Special Lecture on “Entrepreneurship – A Mission with Passion”
8	27-08-2013	Workshop on Accounting Basics
9	28-08-2014	Special Lecture on Corporate social Responsibility
10	22-01-2015	Special lecture on intrinsic values of Medicinal herbs
11	27-01-2015	Sources of Finance to young Entrepreneurs

45. List the teaching methods adopted by the faculty for different programmes.

INNOVATIVE METHODOLOGY	SUBJECT	FACULTY
Role Play	Human Resources Management, Managerial Communication.	Mr. U. Vijayshankar Mr. Mohammed Al Basidh
Simulated Exercises	Advertising and sales promotion, Marketing, Operations Management, Operations Research.	Mr. U. Vijayshankar Mr. Mohammed Al Basidh Mr. J. Sahaya shabu Dr. K. Rajalakshmi
RealTime Assignments	Financial management, Management accounting, Accounting for managerial decisions	Mr. K. Iyyappan Dr. K.G. Selvan Mr. J. Sahaya shabu

Debate	International Business, managerial Economics,	Dr. T.J. Jayasholan Mr. K. Karthick Ram
Group Discussions	All subjects	Faculty Members
Case Study	Marketing, Finance and HR	Mr. K. Iyyappan Dr. K.G. Selvan Mr. J. Sahaya shabu Mr. U. Vijayshankar Mr. Mohammed Al Basidh
One Minute Paper	Marketing and HR	Dr. K. Rajalakshmi Mr. U. Vijayshankar Mr. Mohammed Al Basidh

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- Periodical test and assignment were scheduled and conducted and based on the assessment, the outcomes of the programme were evaluated.
 - Necessary steps were taken after evaluation to ensure that the programme objectives were achieved.
47. Highlight the participation of students and faculty in extension activities.

S. NO	EVENT
1	Blood Donation Camp
2	Skin Safety Awareness Programme
3	Stress Management

4	Campus Cleaning Activity
5	Women Empowerment
6	Consumer Awareness Programme
7	Voter's Day Oath
8	Campus Cleaning Activity (swachh bharat)
9	Blood Donation Camp
10	Samplings Plantation at Munniyampatti Village

48. Give details of "beyond syllabus scholarly activities" of the department.

- **Experiential learning**
- **Summer training**
- **Special coaching for competitive exams**

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

- **ISO 9001:2008 Certification**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- **Summer training camp**
- **Group Assignment**
- **Internship**
- **International collaboration for faculty and student exchange programme**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

STRENGTH	WEAKNESS	OPPORTUNITY	CHALLENGES
The Programmes offered by the Department develop critical thinking and leadership traits which create new	Lack of awareness about new specialisations among the students	The location of the University (Department) on the prominent highway has good network of transport.	Progress in MBA Enrollment

business community			
Existence of faculty with extensive teaching and research experience	Since we are in Rural area it is Difficult in getting student with right attitude. Taking a lot of time to change the attitude.. s	Global Management Concentration	Substantial Competition for Students
The department has well equipped class rooms, laboratories and library resources		The visible growth of Entrepreneurship in our region and state	Declining trends in the absorption of Management Graduates by the Employers in this region
Availability of Career opportunity in the region due to business expansion		Building on a Reputation for 'Managerial Talents'	Limitation of English language proficiency among First Generation graduates
Curriculum with academic flexibility meets out global business needs.		Faculty and Curricular Diversity Initiatives	

52. Future plans of the department.

- Transforming the B-School as the School of Excellence
- Publishing of international journal on innovation in management technology and science (IMATS)
- Extending Consultancy services.
- Getting accreditation from Association of MBA (AMBA).



UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI-110 002

F. 6-86/2004(CPP-I)

March
January, 2008

OFFICE MEMORANDUM

In exercise of the powers conferred by Section-3 of the University Grants Commission Act, 1956 (3 of 1956), the Central Government, on the advice of the University Grants Commission, has declared '**Ponnaiyah Ramajayam Institute of Science & Technology**' (PRIST), Thanjavur, Tamil Nadu, comprising '**Ponnaiyah Ramajayam College**', Thanjavur, Tamilnadu as Deemed to be University for the purposes of the aforesaid Act, provisionally for a period of five years vide notification No. F. 9-14/2004-U.3 dated 4th January, 2008 with effect from the date the Ponnaiyah Ramajayam College is disaffiliated from its affiliating university, namely, Bharathidasan University, Tiruchirapalli, Tamilnadu, subject to a condition that the status conferred upon the PRIST will be reviewed after five years by the UGC with the help of an Expert Committee. The status shall be confirmed only on the basis of the performance report of the UGC's Expert Review Committee and the recommendations of the UGC thereon. The declaration is subject to further conditions which are as follows:-

1. The PRIST should, as per the undertaking given by it with respect to creation of Corpus fund, immediately convert the requisite deposit into the joint name of PRIST and the UGC in consultation with the UGC. The Corpus fund should be an escrow account and irrevocable in nature. A report on compliance in this regard shall be submitted to the UGC and MHRD at the earliest.
2. The management of the trust formed to manage the deemed-to-be-university and that of the Ponnaiyah Ramajayam College should be the same.
3. All the moveable and immovable assets of Ponnaiyah Ramajayam College, Thanjavur should legally be transferred and vested, if not already done, with the PRIST, the Trust formed to manage the 'deemed-to-be-university' institution, and registered as such in the interest of future of students, members of faculty, employees and for maintaining the standards of higher education. A report on compliance in this regard shall be submitted to the UGC and MHRD at the earliest.
4. The PRIST shall immediately finalize its Memorandum of Association (MoA) & Rules in line and in accordance with the model MoA/Rules prescribed by the UGC, and in concurrence with the UGC. A compliance report in this regard along with a copy of the revised MoA/Rules as approved by the UGC, shall be furnished

Notification-D

to MHRD at the earliest. The specific changes / amendments, if any, suggested by the UGC or the Government of India shall be carried out by the deemed-to-be-university institution in its MoA/Rules with the approval of the UGC. As and when necessary, the deemed-to-be-university institution shall also suitably amend and update its MoA/Rules in consultation and in concurrence with the UGC.

5. The PRIST shall not undertake any activities that are of commercial and profit making in nature

6. The PRIST shall take appropriate action to complete the procedural requirement, as provided for in its Trust Deed, to obtain approval of the Commissioner of Income Tax, Income Tax Department in respect of the amendment made in its Trust Deed through the Codicil of the Trust executed on 05.11.2007.

7. The academic programmes offered or to be offered by the PRIST / Ponnaiyah Ramajayam College will conform to the norms and standards prescribed by the respective Statutory Councils such as the UGC, AICTE, etc.

8. The PRIST shall start courses / programmes only in accordance with the relevant prescribed norms and guidelines of the UGC, AICTE, etc. Such courses / programmes started by it for the purpose of awarding degrees should also be in conformity with the Section 22 of the UGC Act, 1956.

9. The PRIST, as a deemed-to-be-university shall award degrees in respect of the courses run by the Ponnaiyah Ramajayam College, Thanjavur, Tamil Nadu only to those students who are admitted to the said college subsequent to the date on which this Notification takes effect for the purpose of the UGC Act, 1956. Accordingly, the PRIST shall make admission and enrolment of students to the academic courses of the Ponnaiyah Ramajayam College under it only with effect from the ensuing academic year (i.e. from 2008-2009).

10. As for those students who were already admitted prior to this notification and are pursuing their studies at the Ponnaiyah Ramajayam College presently, they shall continue to pursue their courses of study under affiliation to the present affiliating university, namely, the 'Bharathidasan University', Tiruchirapalli, Tamil Nadu, which shall agree to continue to conduct examinations for them and also to award degrees to them upon successful completion of the courses / programmes of study they are pursuing at the said institution presently.

11. The PRIST shall not offer / award, as the case may be, any degrees that are not specified by the UGC. The PRIST shall also ensure that the nomenclatures of the degrees to be awarded by it are specified by the UGC under Section 22 of the UGC Act, 1956.

12. The PRIST shall take appropriate measures to start innovative academic programmes. The PRIST shall also take appropriate steps to strengthen its research activities and research ambience as is required of a deemed-to-be-university institution as per guidelines of the UGC.

13. All the prescribed norms and procedures of the relevant Statutory Councils and other authorities concerned in the matter of admission of students, intake capacity of students, starting of new courses / programmes, renewal of approval to the courses, etc. will continue to be in force, and shall be adhered to by the University and its constituent unit.

14. The PRIST shall take all the required steps to get valid accreditation in terms of instructions issued by the UGC vide circular No. F. 6-1(7)/2006(CPP-I) dated the 12th March, 2007.

15. The By-laws, MoA and Rules of the PRIST shall also clearly specify the name of the Ponnaiah Ramajayam College.

16. The PRIST shall, in accordance with the affidavit dated 30.05.2007 submitted by it to the UGC, include a suitable provision in its MoA/Rules to make way for the UGC to take control of assets, etc. of the institution concerned, without any condition binding on them, in the event of winding up of the PRIST, at any point of time in future.

17. The PRIST or its constituent unit shall not conduct any distance education programmes without prior approval of the UGC and Distance Education Council (DEC). The guidelines issued by both the DEC and the UGC in the matter of imparting education through distance mode from time to time have to be strictly complied with by the Institute.

18. The PRIST shall not run any study centre / off-campus centre without obtaining the requisite prior approval of the UGC / Government of India, as the case may be.

19. The PRIST shall take necessary action to fully rectify the deficiencies pointed out by the UGC's Expert Committee that visited and inspected the institution in February, 2006. Other suggestions, if any, made by the UGC's Expert Committees shall also be complied with by the PRIST to bring about overall improvement.

20. The PRIST and its constituent unit will abide by all the norms and guidelines laid down by the UGC, and other relevant Statutory Councils such as AICTE, etc. from time to time pertaining to the institutions notified as Deemed-to-be-Universities.

Neither the Government of India nor the University Grants Commission shall provide any Plan and Non-Plan grant-in-aid to Ponnaiyah Ramajayam Institute of Science & Technology, Thanjavur or its constituent teaching units.

S/d

(S.C.Chadha)
Deputy Secretary

Copy to:-

- ✓ 1. The Chairman, Ponnaiyah Ramajayam Institute of Science & Technology, Yagappa Chavadi, Thanjavur – 614 904, Tamil Nadu.
2. The Joint Secretary, (NET) UGC, New Delhi.
3. Section Officer (Meetings Cell), UGC, New Delhi.
4. The Joint Secretary (DU), UGC, New Delhi.
5. Secretary-General, Association of Indian Universities, AIU House, 16, Kotla Marg, New Delhi-110 002
6. All Regional Offices of UGC.
7. Senior Statistical Officer, UGC, 35, Ferozshah Road, New Delhi.
8. Section Officer (FD-III Section), UGC, New Delhi.
9. All Sections in the UGC Office.
10. D.T.P. Cell, UGC, New Delhi.
11. NIC Section, UGC.
12. Guard file.

S/d

(S.C.Chadha)
Deputy Secretary

(TO BE PUBLISHED IN THE GAZETTE OF INDIA PART-I SECTION-1)

No. F. 9-14/2004-U.3
Government of India
Ministry of Human Resource Development
(Department of Higher Education)
U.3(A) Section

Shastri Bhawan, New Delhi,
4th January , 2008.

NOTIFICATION

Whereas the Central Government is empowered under Section 3 of the University Grants Commission (UGC) Act, 1956 to declare, on the advice of the UGC, an institution of higher learning as deemed to be a university;

2. And whereas, a proposal was received from Sri Ponnaiyah Ramajayathammal Educational & Charitable Trust, Thanjavur, Tamil Nadu in June, 2004, seeking grant of status of deemed-to-be-university to Ponnaiyah Ramajayam Institute of Science & Technology (PRIST), comprising (i) Ponnaiyah Ramajayam College, (ii) P.R. Engineering College and (iii) Ponnaiyah Ramajayam College of Education;

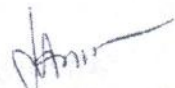
3. And whereas, the recommendations of the University Grants Commission (UGC) received in the matter on 09.04.2007 were examined in this Ministry and the proposal for conferment of status of 'deemed-to-be-university' to PRIST was rejected vide this Ministry's notification of even number dated the 25.07.2007. This decision was also reiterated vide this Ministry's subsequent notification of even number dated the 29th August, 2007;

4. And whereas, upon submission of fresh documents by the PRIST to remove the deficiencies as pointed out in the notifications referred to in para 3 above, the matter has once again been reconsidered in the Ministry in detail, and on the basis of the recommendations of the UGC, and in exercise of the powers conferred by Section 3 of the University Grants Commission Act, 1956, the Central Government do hereby declare 'Ponnaiyah Ramajayam Institute of Science & Technology' (PRIST), Thanjavur, Tamil Nadu, comprising 'Ponnaiyah Ramajayam College', Thanjavur, Tamil Nadu, as deemed to be a university for the purposes of the aforesaid Act, provisionally for a period of five years with effect from the date the Ponnaiyah Ramajayam College is disaffiliated from its affiliating university, namely, Bharathidasan University, Tiruchirappalli, Tamil

Nadu, subject to a condition that the status conferred upon the PRIST will be reviewed after five years by the UGC with the help of an Expert Committee. The status shall be confirmed only on the basis of the performance report of UGC's Expert Review Committee and the recommendations of the UGC thereon.

5. The declaration made in para 4 above is also subject to further conditions mentioned at Sr. No. 3 of the endorsement to this Notification.

6. Neither the Government of India nor the University Grants Commission shall provide any Plan and Non-Plan grant-in-aid to Ponnaiyah Ramajayam Institute of Science & Technology, Thanjavur or its constituent teaching unit.



(Ravi Mathur)

Joint Secretary to the Government of India

The Manager,
Government of India Press,
Faridabad (Haryana).

Copy forwarded to: -

1. The Secretary, University Grants Commission, Bahadurshah Zafar Marg, New Delhi - 110002. UGC shall ensure that the review that is required to be conducted as per this Notification, is held sufficiently in advance, so that a decision on confirmation of the status is enabled soon after the expiry of the stipulated five-year period.
2. The Member Secretary, All India Council for Technical Education (AICTE), 7th Floor, Chanderlok Building, Janpath, New Delhi - 110001.
3. The Chairman, Ponnaiyah Ramajayam Institute of Science & Technology, Yagappa Chavadi, Thanjavur - 614904, Tamil Nadu. The declaration as made in para 4 of this Notification shall be subject to the following further conditions that:
 - (i) The PRIST should, as per the undertaking given by it with respect to creation of Corpus fund, immediately convert the requisite deposit into the joint name of PRIST and the UGC in consultation with the UGC. The Corpus fund should be an escrow account and irrevocable in nature. A report on compliance in this regard shall be submitted to the UGC and this Ministry at the earliest.

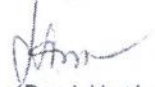
- (ii) The management of the Trust formed to manage the deemed-to-be-university and that of the Ponnaiyah Ramajayam College should be the same.
- (iii) All the moveable and immovable assets of Ponnaiyah Ramajayam College, Thanjavur should legally be transferred and vested, if not already done, with the PRIST, the Trust formed to manage the 'deemed-to-be-university' institution, and registered as such in the interest of future of students, members of faculty, employees and for maintaining the standards of higher education. A report on compliance in this regard shall be submitted to the UGC and this Ministry at the earliest.
- (iv) The PRIST shall immediately finalise its Memorandum of Association (MoA) & Rules in line and in accordance with the model MoA/Rules prescribed by the UGC, and in concurrence with the UGC. A compliance report in this regard along with a copy of the revised MoA/Rules as approved by the UGC, shall be furnished to this Ministry at the earliest. The specific changes/amendments, if any, suggested by the UGC or the Government of India shall be carried out by the deemed-to-be-university institution in its MoA/Rules with the approval of the UGC. As and when necessary, the deemed-to-be-university institution shall also suitably amend and update its MoA/Rules in consultation and in concurrence with the UGC.
- (v) The PRIST shall not undertake any activities that are of commercial and profit making in nature.
- (vi) The PRIST shall take appropriate action to complete the procedural requirement, as provided for in its Trust Deed, to obtain approval of the Commissioner of Income Tax, Income Tax Department in respect of the amendment made in its Trust Deed through the Codicil of the Trust executed on 05.11.2007.
- (vii) The academic programmes offered or to be offered by the PRIST/ Ponnaiyah Ramajayam College will conform to the norms and standards prescribed by the respective Statutory Councils such as the UGC, AICTE, etc.
- (viii) The PRIST shall start courses/ programmes only in accordance with the relevant prescribed norms and guidelines of the UGC, AICTE, etc. Such courses/programmes started by it for the purpose of awarding degrees should also be in conformity with the Section 22 of the UGC Act, 1956.
- (ix) The PRIST, as a deemed-to-be-university shall award degrees in respect of the courses run by the Ponnaiyah Ramajayam College, Thanjavur, Tamil Nadu only to those students who are admitted to the said college subsequent to the date on which this Notification

takes effect for the purpose of the UGC Act, 1956. Accordingly, the PRIST shall make admission and enrolment of students to the academic courses of the Ponnaiyah Ramajayam College under it only with effect from the ensuing academic year (i.e. from 2008-2009).

- (x) As for those students who were already admitted prior to this notification and are pursuing their studies at the Ponnaiyah Ramajayam College presently, they shall continue to pursue their courses of study under affiliation to the present affiliating university, namely, the 'Bharathidasan University', Tiruchirapalli, Tamil Nādu, which shall agree to continue to conduct examinations for them and also to award degrees to them upon successful completion of the courses/programmes of study they are pursuing at the said institution presently.
- (xi) The PRIST shall not offer/award, as the case may be, any degrees that are not specified by the UGC. The PRIST shall also ensure that the nomenclatures of the degrees to be awarded by it are specified by the UGC under Section 22 of the UGC Act, 1956.
- (xii) The PRIST shall take appropriate measures to start innovative academic programmes. The PRIST shall also take appropriate steps to strengthen its research activities and research ambience as is required of a deemed-to-be-university institution as per guidelines of the UGC.
- (xiii) All the prescribed norms and procedures of the relevant Statutory Councils and other authorities concerned in the matter of admission of students, intake capacity of students, starting of new courses/programmes, renewal of approval to the courses, etc. will continue to be in force, and shall be adhered to by the University and its constituent unit.
- (xiv) The PRIST shall take all the required steps to get valid accreditation in terms of instructions issued by the UGC vide their circular No.F.6-1(7)/2006(CPP-I) dated the 12th March, 2007.
- (xv) The By-laws, MoA and Rules of the PRIST shall also clearly specify the name of the Ponnaiyah Ramajayam College.
- (xvi) The PRIST shall, in accordance with the affidavit dated 30.05.2007 submitted by it to the UGC, include a suitable provision in its MoA/Rules to make way for the UGC to take control of assets, etc. of the institution concerned, without any condition binding on them, in the event of winding up of the PRIST, at any point of time in future.
- (xvii) The PRIST or its constituent unit shall not conduct any distance education programmes without prior approval of the UGC and Distance Education Council(DEC). The guidelines issued by both the DEC and the UGC in the matter of imparting education through

distance mode from time to time have to be strictly complied with by the Institute.

- (xviii) The PRIST shall not run any study centre / *off-campus* centre without obtaining the requisite prior approval of the UGC / Government of India, as the case may be.
 - (xix) The PRIST shall take necessary action to fully rectify the deficiencies pointed out by the UGC's Expert Committee that visited and inspected the institution in February, 2006. Other suggestions, if any, made by the UGC's Expert Committees shall also be complied with by the PRIST to bring about overall improvement.
 - (xx) The PRIST and its constituent unit will abide by all the norms and guidelines laid down by the UGC, and other relevant Statutory Councils such as AICTE, etc. from time to time pertaining to the institutions notified as Deemed-to-be-Universities.
4. The Vice Chancellor, Bharathidasan University, Palkalaiperur, Tiruchirappalli- 620024, Tamil Nadu, with reference to their letter Ref. No.020040-I/D8/2003 dated 23.09.2003 addressed to the Secretary, University Grants Commission, New Delhi. The university is expected to take action in accordance with Endorsement 3(x) above regarding students already admitted for its courses at the Ponnaiyah Ramajayam College, Thanjavur.
 5. The Secretary, Higher Education Department, Government of Tamil Nadu, Secretariat, Chennai - 600009, Tamil Nadu.
 6. Press Information Bureau, Shastri Bhavan, New Delhi - 110001.
 7. The Secretary-General, Association of Indian Universities, A.I.U. House, 16 Kotla Marg, New Delhi - 110002.
 8. Director(Administration) & Web Master, Department of Higher Education, Shastri Bhavan, New Delhi. It is requested that necessary instructions may be issued to the CMIS Unit to display this notification on the website (Home site) of Department of Higher Education.
 9. Guard file / Notification file.


(Ravi Mathur)
Joint Secretary

No.F.2-1/2006 U.3(A)
Government of India
Ministry of Human Resource Development
Department of Secondary & Higher Education
(U& HE Bureau)

Date: April 7, 2006

NOTIFICATION

Whereas, the Central Government is of the opinion that the role and powers of the AICTE established under the All India Council for Technical Education Act, 1987 and of the UGC established under the University Grants Commission UGC Act, 1956 are required to be clarified in the public interest, in so far as their application to maintaining the standards of education in institutions notified as 'Deemed to be Universities' under section 3 of the UGC Act is concerned;

And whereas, the Central Government is also of the opinion that such clarification is a question of policy;

Now, therefore, in exercise of its powers vested under Section 20 (I) of University Grants Commission Act, 1956 and Section 20 (I) of All India Council for Technical Education Act, 1987, the Central Government do hereby direct the UGC and the AICTE, to publisize the following clarification for the information of the general public by appropriate means including through their respective institutional website (www.ugc.ac.in & www.aicte.ernet.in) :

- The UGC, while making its recommendation to the Central Government, for the grant of the 'Deemed to be University' status on any institution, may seek the advice of the AICTE or other relevant Statutory Authorities, as the case may be (e.g. the AICTE for technical and management education, the Medical Council of India for medical education, the Dental Council of India for dental education etc.)
- Institutions notified by the Central Government under section 3 of the UGC Act as 'Deemed to be University' are empowered to award degrees as specified and notified under section 22 of the UGC Act, 1956.
- It is not a pre-requisite for an institution notified as a 'Deemed to be University' to obtain the approval of the AICTE, to start any programme in technical or management education leading to an award, including degrees in disciplines covered under the AICTE Act, 1987. However, institutions notified as 'Deemed to be University' are required to ensure the maintenance of the minimum standards prescribed by the AICTE for various courses that come under the jurisdiction of the said Council. It is expected that the institutions notified as 'Deemed to be University' maintain their standards of education higher than the minimum prescribed by the AICTE.
- In accordance with provisions under section 11 (1) of the AICTE Act, 1987, the AICTE may cause an inspection of the relevant departments of the institution declared as 'Deemed to be University' offering the courses that come under the jurisdiction of the AICTE Act, 1987 in order to ensure the maintenance of standards by them.
- However, while the AICTE would not issue any directions to the institutions notified as 'Deemed to be University' on the basis of inspection report of the Council's Expert

Committee, the Council may bring the findings and recommendations of its Expert Committee to the notice of the University Grants Commission, which after considering the report of the Expert Committee of the AICTE and recommendations, if any, may issue necessary directions for appropriate action.

- Section 12 (d) of the UGC Act, 1956 empowers the UGC to recommend, to any University including institutions notified as 'Deemed to be University' the measures necessary for the improvement of University education and advise them for all such actions as are necessary for the purpose of implementing such recommendations.
- Section 13 of UGC Act, 1956 empowers the UGC to cause an inspection, in consultation with the University, or of any of its departments for the purpose of ascertaining its standards of teaching, examination and research, in such manner as may be prescribed by the Rules/Regulations.
- The power to inspect Universities/ institutions notified as 'Deemed to be University' to the AICTE as well as to the UGC are to be seen separately in the light of the 'Preambles' and 'Statements of Reasons' of their respective Acts. The Powers of inspection accorded to the AICTE, is specifically in order to ensure the maintenance of standards in management and technical education, whereas the power of inspection to the UGC, is to ensure overall functioning of Universities/ Institutions notified as 'Deemed to be University' including faculties thereof, in order to ensure overall standards like that of University including administrative and academic standards.
- Section 14 of the UGC Act, 1956 deals with the consequences of failure of the Universities including the institutions which are 'Deemed to be University' to comply with recommendations of the Commission.
- All institutions which are 'Deemed to be University' are required to abide by the instruction/ recommendations of the UGC, failing which the UGC may even consider to recommend to the Central Government for the withdrawal of 'Deemed to be University' status.
- The manner of inspections, if any, to be carried out by the UGC and the AICTE would be in accordance with the Rules/ Regulations framed by the Commission and the Council under their respective Acts. However, the Rules/ Regulations of the AICTE may confine only to the inspection, preparation and submission of the Report in regard to institutions which are 'Deemed to be University'. The action on the recommendations in the report needs to be dealt separately through the appropriate Regulations of the UGC in accordance with the provisions of the UGC Act, 1956.
- The Standards prescribed by the AICTE for various technical and Management courses and programmes as well as the UGC guidelines on institutions notified as 'Deemed to be Universities' are available on the official web-site (www.ugc.ac.in & www.aicte.ernet.in) of the UGC and the AICTE respectively.

-Sd-

(Sunil Kumar)

Joint Secretary to the Government of India



संघीय अध्यापक शिक्षा परिषद
(भारत सरकार का एक विधिक संस्थान)
दक्षिण क्षेत्रीय समिति



National Council for Teacher Education
(A Statutory Body of the Government of India)
Southern Regional Committee

F.SRO/NCTE/APS03278/B.Ed/TN/2015-16/66284

Date: 31/05/2015
Speed Post

TO BE PUBLISHED IN GAZETTE OF INDIA PART III SECTION 4
ORDER

WHEREAS, in exercise of the powers conferred by sub-section(2) of Section 32 of the National Council for Teacher Education Act, 1993(73 of 1993), and in supersession of the National Council for Teacher Education [Recognition Norms and Procedure] Regulations, 2009, the National Council for Teacher Education has notified the Regulations, 2014 on 1.12.2014.

2. AND WHEREAS, the institution **Ponnaiah College of Education, Natarajapuram South, Thanjavur-613007, Tamilnadu** has by affidavit consented to come under New Regulations and sought for two basic units in B.Ed which require additional facilities.

3. AND WHEREAS, on scrutiny it is found that SRC has withdrawn recognition on 25.11.2014 and Hon'ble High Court of Madras has ordered an interim stay of the withdrawal orders in MP(MD) No.1 of 2014 in W.P.No.20239/2014.

3. AND WHEREAS, it has been decided to permit the institution to have two basic units of 50 students each subject to the result of MP(MD) No.1 of 2014 in W.P.No.20239/2014 and also subject to the institution fulfilling following conditions namely,

- I. The institution shall create additional facilities that include (a) additional built-up area, (b) additional infrastructure, (c) additional funds, (d) additional staff as per Regulations, 2014 and inform Regional Committees with required documents by October 31, 2015.
- II. The applicant-institution for additional unit will be required to submit the required documents such as land documents, Encumbrance Certificate (EC), Land Use Certificate (LUC), Building Plan (BP) and the Approved Staff List in the specified proforma available on the website to the Regional Committee in proof of having provided additional facilities before October 31, 2015. Building Completion Certificate (BCC) may be given along with other documents if available, otherwise it can also be given to the Visiting team at the time of inspection.
- III. The Regional Committees shall arrange for verification of documents, inspection of these premises and check adherence to these conditions by 20 Feb, 2016. If it is found by the Regional Committee that the institution fails to comply with these requirements, the institutions shall not be permitted to admit students for the academic year 2016-2017

4. NOW THEREFORE, in the light of the above and in terms of Section 14(3) of NCTE Act and in accordance with the Regulations, 2014, the Southern Regional Committee, NCTE hereby grants recognition to **Ponnaiah College of Education, Natarajapuram South, Thanjavur-613007, Tamilnadu** for conducting B.Ed programme of two years duration with an annual intake of 100 for two basic units of 50 students each from the academic session 2015-16 subject to fulfilment of the conditions mentioned herein before 31.10.2015

5. Further, the recognition is subject to fulfilment of other requirements as may be prescribed by other regulatory bodies like UGC, affiliating University/Body, the State Government etc, as applicable.

6. The institution shall submit to the Regional Committee a Self- Appraisal Report at the end of each academic year along with the statement of annual accounts duly audited by a chartered Accountant.

Contd...2

7. The institutions shall maintain & update its web-site as per provisions of NCTE Regulations and always display following as mandatory disclosure:-

- a) Sanctioned programmes along with annual intake in the institution;
- b) Name of faculty and staff in full as mentioned in school certificate along with their qualifications, scale of pay and photograph.
- c) Name of faculty members who left or joined during the last, quarter;
- d) Names of Students admitted during the current session along with qualification, Percentage of marks in the qualifying examination and in the entrance test, if any, date of admission, etc.;
- e) Fee charged from students;
- f) Available infrastructural facilities;
- g) Facilities added during the last quarter;
- h) Number of books in the library, journals subscribed to and additions, if any, in the last quarter;
- i) The affidavit with enclosure submitted along with application.
- j) The institution shall be free to post additional relevant information. if it so desires.
- k) Any false or incomplete information on website shall render the institution liable for withdrawal of recognition.

If the institution Contravenes any of the above conditions or the provision of the NCTE Act, Rules, Regulations and Orders made of issued there under , the institution will render itself vulnerable to adverse action including withdrawal of recognition by the regional committee under the provisions of Section 17(1) of the NCTE Act.

Note: The issue of this order is subject to the result of MP (MD) No.1 of 2014 in W.P.No.20239/2014 filed by the institution before the Hon'ble High Court of Madras.

By Order,

P Revathi Reddy
(P.Revathi Reddy)
Regional Director

The Manager,
Government of India Press
Department of Publications (Gazette Section)
Civil Lines, New Delhi – 110054.

To:

**The Principal,
Ponnaiah College of Education,
Natarajapuram South,
Thanjavur-613007,
Tamilnadu**

Copy to:

1. The Secretary, Dept. of Elementary Education and Literacy, Ministry of Human Resource Development, Govt. of India, Shastri Bhavan, New Delhi – 110 001.
2. The Education Secretary, Incharge of Higher Education, Government of Tamilnadu, Chennai, Tamilnadu.
3. The Director, (Collegiate Education) Department of Government Exams, DPI Campus, College Road, Chennai, Tamilnadu.
4. The Registrar, Tamilnadu Teacher Education University, Chennai, Tamilnadu.
5. The Correspondent, **Ponnaiah College of Education, Natarajapuram South, Thanjavur-613007, Tamilnadu**
6. The Under Secretary (CS), National Council for Teacher Education, Hans Bhawan Wing-II, Bahadurshah Zafar Marg, New Delhi – 110 002.
7. Office Order file/Institution file.



राष्ट्रीय अध्यापक शिक्षा परिषद
(भारत सरकार का एक विधिक संस्थान)
दक्षिण क्षेत्रीय समिति



National Council for Teacher Education
(A Statutory Body of the Government of India)
Southern Regional Committee

F.SRO/NCTE/APS07649/M.Ed/TN/2015-16/66288

Date: 31/05/2015
Speed Post

TO BE PUBLISHED IN GAZETTE OF INDIA PART III SECTION 4
ORDER

WHEREAS, in exercise of the powers conferred by sub-section(2) of Section 32 of the National Council for Teacher Education Act, 1993(73 of 1993), and in supersession of the National Council for Teacher Education [Recognition Norms and Procedure] Regulations, 2009, the National Council for Teacher Education has notified the Regulations, 2014 on 1.12.2014.

2. AND WHEREAS, the institution **Ponnaiah College of Education, P.R.Group of Institutions, Central Office, M.C. Road, Natarajapuram South, Thanjavur-613007, Tamilnadu** has by affidavit consented to come under New Regulations and sought for one unit in M.Ed which require additional facilities.

3. AND WHEREAS, on scrutiny it is found that SRC has withdrawn recognition on 25.11.2014 and Hon'ble High Court of Madras has ordered an interim stay of the withdrawal orders in MP(MD) No.1 of 2014 in W.P.No.20239/2014.

4. AND WHEREAS, it has been decided to permit the institution an intake of one unit of 50 students subject to the result of MP(MD) No.1 of 2014 in W.P.No.20239/2014 and also subject to the institution fulfilling following conditions namely,

- I. The institution shall create additional facilities that include (a) additional built-up area, (b) additional infrastructure, (c) additional funds, (d) additional staff as per Regulations, 2014 and inform Regional Committees with required documents by October 31, 2015.
- II. The applicant-institution for additional unit will be required to submit the required documents such as land documents, Encumbrance Certificate (EC), Land Use Certificate (LUC), Building Plan (BP) and the Approved Staff List in the specified proforma available on the website to the Regional Committee in proof of having provided additional facilities before October 31, 2015. Building Completion Certificate (BCC) may be given along with other documents if available, otherwise it can also be given to the Visiting team at the time of inspection.
- III. The Regional Committees shall arrange for verification of documents, inspection of these premises and check adherence to these conditions by 20 Feb, 2016. If it is found by the Regional Committee that the institution fails to comply with these requirements, the institutions shall not be permitted to admit students for the academic year 2016-2017

5. NOW THEREFORE, in the light of the above and in terms of Section 14(3) of NCTE Act and in accordance with the Regulations, 2014, the Southern Regional Committee, NCTE hereby grants recognition to **Ponnaiah College of Education, P.R.Group of Institutions, Central Office, M.C. Road, Natarajapuram South, Thanjavur-613007, Tamilnadu** for conducting M.Ed programme of two years duration with an annual intake of 50 students (one unit) from the academic session 2015-16 subject to fulfilment of the conditions mentioned herein before 31.10.2015

6. Further, the recognition is subject to fulfilment of other requirements as may be prescribed by other regulatory bodies like UGC, affiliating University/Body, the State Government etc, as applicable.

7. The institution shall submit to the Regional Committee a Self- Appraisal Report at the end of each academic year along with the statement of annual accounts duly audited by a chartered Accountant.

Contd...2



राष्ट्रीय अध्यापक शिक्षा परिषद
(भारत सरकार का एक विधिक संस्थान)
दक्षिण क्षेत्रीय समिति



National Council for Teacher Education
(A Statutory Body of the Government of India)
Southern Regional Committee

F.SRO/NCTE/APS07649/M.Ed/TN/2015-16/66288

Date: 31/05/2015
Speed Post

**TO BE PUBLISHED IN GAZETTE OF INDIA PART III SECTION 4
ORDER**

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- I. The institution shall create additional facilities that include (a) additional built-up area, (b) additional infrastructure, (c) additional funds, (d) additional staff as per Regulations, 2014 and inform Regional Committees with required documents by October 31, 2015.
- II. The applicant-institution for additional unit will be required to submit the required documents such as land documents, Encumbrance Certificate (EC), Land Use Certificate (LUC), Building Plan (BP) and the Approved Staff List in the specified proforma available on the website to the Regional Committee in proof of having provided additional facilities before October 31, 2015. Building Completion Certificate (BCC) may be given along with other documents if available, otherwise it can also be given to the Visiting team at the time of inspection.
- III. The Regional Committees shall arrange for verification of documents, inspection of these premises and check adherence to these conditions by 20 Feb, 2016. If it is found by the Regional Committee that the institution fails to comply with these requirements, the institutions shall not be permitted to admit students for the academic year 2016-2017

5. NOW THEREFORE, in the light of the above and in terms of Section 14(3) of NCTE Act and in accordance with the Regulations, 2014, the Southern Regional Committee, NCTE hereby grants recognition to **Ponnaiah College of Education, P.R.Group of Institutions, Central Office, M.C. Road, Natarajapuram South, Thanjavur-613007, Tamilnadu** for conducting M.Ed programme of two years duration with an annual intake of 50 students (one unit) from the academic session 2015-16 subject to fulfilment of the conditions mentioned herein before 31.10.2015

6. Further, the recognition is subject to fulfilment of other requirements as may be prescribed by other regulatory bodies like UGC, affiliating University/Body, the State Government etc, as applicable.

7. The institution shall submit to the Regional Committee a Self- Appraisal Report at the end of each academic year along with the statement of annual accounts duly audited by a chartered Accountant.

Contd...2

Ph. 23236351, 23232701, 23237721, 23234116
23235733, 23232317, 23236735, 23239437



विश्वविद्यालय अनुदान आयोग
बहादुरशाह जफर मार्ग
नई दिल्ली-110 002
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110 002

www.ugc.ac.in

SPEED POST

F. No. 6-6/2002 (CPP-I)

June, 2011

**The Registrar
Ponnaiah Ramajayam Institute of Science & Technology
(PRIST)
Thanjavur-613 403,
Tamil Nadu.**

Subject: Compliance in respect of the observations/suggestions given by the UGC Review Committee.

Sir,

With reference to your letter No. Nil dated 9th December, 2010 on the subject cited above, I am directed to request you to send compliance report in respect of the following:-

Observations/Suggestions given by the UGC Expert Committee	Compliance submitted by the deemed to be university	Remarks
The university may appoint faculty at senior positions with Ph.D. qualifications to promote the culture of research.	The university has already appointed a good number of faculty members with Ph.D. qualifications at various senior positions with an aim to promote the culture of research in the university	The deemed university may submit a list of faculty with PhD appointed after the UGC Expert Committee visit.
For PG courses in Engineering subjects, the university may appoint minimum one professor with Ph.D. Degree and two persons with M.Tech. degree.	The university is now offering the following PG courses in engineering subjects with sufficient number of senior qualified faculties with Ph.D and M.Tech degrees.	It has been found that the departments do not have required faculty i.e. at least one Prof., two Associate Professor, and three Assistant Professor in each department. Latest position may please be informed.
Future recruitments may be made as per UGC/AICTE norms as applicable.	The university is now recruiting teaching staffs in all faculties as per UGC/AICTE norms, through Selection Committee duly constituted as per guidelines mentioned in PRIST University MOA.	The deemed to be university may submit the details of recruitment process and related documents in respect of faculty recruited after UGC Expert Committee visit.
At this stage, research output from the faculty is at best in its very early formation phase and needs nurturing.	The Univ. has come out with commendable research output from the faculty in all departments. After UGC visit-94	The deemed university may submit the details of the Research Projects undertaken, conferences attended/organized and

	No. of candidates registered for Ph.D programmes from Nov 209 to till date(after UGC visit)-88. Further 91 candidates are on the verge of submitting the Ph.D thesis for evaluation. Univ. is organizing one International Level Conference each yr during the month of February.	papers published by the faculty after the UGC Expert Committee visit.
After conferment, Institute started several Engineering programmes at B.Tech. and M.Tech. Levels and Pharmacy courses. As per MHRD Letter No. F.2-1/2006U.3 (A) dated 7 th April, 2006, it is not a pre-requisite for deemed to be universities to obtain prior approval of AICTE for technical courses like Engineering & Pharmacy. The institute should maintain the AICTE norms and standards. However, the university has asked for Ex-post facto approval to UGC vide their letters dated 16.02.2009, 02.04.2009 and 07.05.2009 (copies enclosed). Ex-post approval from UGC is still awaited	Nil	The deemed to be university has started engineering & pharmacy courses without the approval of UGC. The deemed to be university has also started some off-campus centers without the approval of UGC. This was done by he deemed to be university in spite of various letters written to the deemed to be university not to start these courses and off-campuses. A show cause notice was also issued to the deemed university. The deemed to be university has applied for ex-post-facto approval. However, there is no provision of ex-post-facto approval in UGC regulation, 2010. The issue has been taken up with the MHRD.
Approval of AICTE not obtained for B.Tech/M.Tech and Pharmacy courses	Application in process	The deemed to be university may submit present status in this regard.

Yours faithfully,




(Uma Bali)
Under Secretary

9/c
NK
13/6/2011



PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY

PRIST UNIVERSITY (U/s 3 of UGC Act 1956)

THANJAVUR-613403 ♦ TAMILNADU

Dr.N.ETHIRAJALU M.Sc., M.Phil., Ph.D.,

Vice Chancellor

Date: 04.07.2011

16-07-2011

By READ POST

To

Mrs. Uma Bali
Under Secretary
University Grant Commission
Bahadurshah Zafar Marg
New Delhi – 110002.

Madam,

Sub.: Compliance in respect of the observation / suggestions given by the UGC Review
Committee – Reg.

Ref.1: UGC F. No. 6 – 6 / 2002(CPP – I)

Ref.2: Your letter dated 16th June, 2011.

With reference to your letter dated 16th June, 2011 on the subject cited above I here with
enclosed the latest compliance report in respect of the remarks mentioned by you in that letter.

Thanking you,

Yours faithfully,

Dr. N. Ethirajalu
4/7/2011

Dr. N. Ethirajalu
Vice Chancellor



Encls.:

1. Compliance Report
2. Annexure I to X

VICE CHANCELLOR,
Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST)
U/s. 3 of UGC Act 1956
THANJAVUR

PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY (PRIST)

Compliance Report submitted to University Grants Commission (04.07.2011)

Observations / Suggestions given by the UGC Expert Committee	Compliance submitted by the deemed to be university	UGC Remarks in respect of additional Documents required	Latest Compliance made by the University with documentary evidence
The university may appoint faculty at senior positions with Ph.D qualifications to promote the culture of research.	The university has already appointed a good number of faculty members with Ph.D qualifications at various senior positions with an aim to promote the culture of research in the university	The deemed university may submit a list of faculty with Ph.D appointed after the UGC Expert Committee visit.	31 faculty members with Ph.D qualification appointed by the University after UGC Expert Committee visit. List enclosed as Annexure - I
For PG course in Engineering subjects, the university may appoint minimum one professor with Ph.D Degree and two persons with M.Tech degree.	The university is now offering the following PG courses in engineering subjects with sufficient number of senior qualified faculties with Ph.D and M.Tech degrees.	It has been found that the departments do not have required faculty i.e. at least one Prof., two Associate Professor, and three Assistant Professor in each department. Latest position may please be informed.	As on date, the university is having sufficient number of qualified faculty members in all departments offering PG courses in Engineering. List of faculty members in the departments offering PG courses in engineering is enclosed as Annexure - II
Future recruitments may be made as per UGC / AICTE norms as applicable.	The university is now recruiting teaching staffs in all faculties as per UGC / AICTE norms, through Selection Committee duly constituted as per guidelines mentioned in PRIST University MOA.	The deemed to be university may submit the details of recruitment process and related documents in respect of faculty recruited after UGC Expert Committee visit.	Details of faculty recruitment process are enclosed as in Annexure - III . Documents in respect of faculty members recruitment made after UGC Expert Committee visit is enclosed as Annexure-IV .

1

K. Ashwathy
9.7.2011

VICE CHANCELLOR,

Ponnaiah Ramajayam Institute of
Science & Technology (PRIST),
U/s 3 of UGC Act 1956,
THANJAVUR

PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY (PRIST)

Compliance Report submitted to University Grants Commission (04.07.2011)

At this stage, research output from the faculty is at best in its very early formation phase and needs nurturing.	The university has come out with commendable research output from the faculty in all departments. After UGC visit – 94. Number of Candidates registered for Ph.D programmes from November 2009 to till date (after UGC visit) – 88. Further 91 candidates are on the verge of submitting the Ph.D thesis for evaluation. University is organizing one International Level Conference each year during the month of February.	The deemed university may submit the details of the Research Projects undertaken, conferences attended / organized and papers published by the faculty after the UGC Expert Committee visit.	Details of the in house research projects sanctioned by the university is enclosed as Annexure – V. Details of research proposals submitted by the faculty members to the funding agencies and their present status is enclosed as Annexure – VI. Details of conferences attended / organized by the faculty members after UGC Expert Committee visit is enclosed as Annexure – VII. Details of paper published by the faculty members after UGC Expert Committee visit is enclosed as Annexure – VIII.
After conferment, Institute started several Engineering programmes at B.Tech and M.Tech. Levels and Pharmacy courses. As per MHRD Letter No. F.2-1/2006U.3 (A) dated 7 th April, 2006, it is not a prerequisite for deemed to be universities to obtain prior approval of AICTE for technical courses like	Nil	The deemed to be university has started engineering & Pharmacy courses without the approval of UGC. The deemed to be university has also started some off-campus centers with the approval of UGC. This was done by the deemed to be university in spite of various letters written to the deemed to be university not to start these	The university has applied only for prior approval from UGC to start Engineering and Pharmacy Courses and also to start Off-Campus Centers. Subsequently, as per the direction of UGC, the university has applied to UGC for the grant of Ex-post-facto approval wide letters dated 16.02.2009, 02.04.2011 and 07.05.2009 (copies enclosed in

2

V. Arumugam
4/7/2011

VICE CHANCELLOR,

Ponnaiyah Ramajayam Institute of

Science & Technology (PRIST)

U/s. 3 of UGC Act 1956

THANJAVUR

PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY (PRIST)

Compliance Report submitted to University Grants Commission (04.07.2011)

Engineering & Pharmacy. The institute should maintain the AICTE norms and standards. However, the university has asked for Ex-post facto approval to UGC vide their letters dated 16.02.2009, 02.04.2009 and 07.05.2009 (copies enclosed). Ex-post approval from UGC is still awaited.		courses and off-campuses. A show cause notice was also issued to the deemed university. The deemed to be university has applied for ex-post-facto approval. However, there is no provision of ex-post-facto approval in UGC regulation, 2010. The issue has been taken up with the MHRD.	the earlier compliance report sent to UGC) Ex-post-facto approval is still awaited from UGC. Further, as the institution has been granted "deemed to be university" status in January 2008, i.e., prior to the notification of UGC Regulations, 2010, the institution will not be covered under recent UGC Regulations, 2010. This contention has very well been endorsed by Hon'ble High Court of Madras through its recent judgment order passed in respect of the Writ Petition filed by SRM University (W.P.No.256 of 2011). The related court judgment order copy is enclosed as Annexure - IX .
Approval of AICTE not obtained for B.Tech / M.Tech and Pharmacy courses.	Application in process	The deemed to be university may submit present status in this regard.	Institution has already filed its application to AICTE which is under process by AICTE. A Court direction issued by Hon'ble High court of Madras for necessary inspection by AICTE is enclosed as Annexure - X .

3

K. A. Ramajayam
VICE CHANCELLOR, 4.7.2011
 Ponnaiyah Ramajayam Institute of
 Science & Technology (PRIST)
 U/s. 3 of UGC Act 1956
 THANJAVUR