



**PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE  
AND TECHNOLOGY (PRIST)  
THANJAVUR-TRICHY HIGHWAYS, VALLAM, THANJAVUR DISTRICT  
613403**

**[www.prist.ac.in](http://www.prist.ac.in)**

**ANNUAL QUALITY ASSURANCE REPORT  
2019-2020**



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

1. Name of the Institution	PRIST DEEMED TO BE UNIVERSITY
Name of the head of the Institution	Dr.N.Ethirajalu
Designation	Vice Chancellor
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04362237642
Mobile no.	9443147645
Registered Email	vicechancellor@prist.ac.in
Alternate Email	dr.enyee@yahoo.co.in
Address	PRIST DEEMED TO BE UNIVERSITY, TRICHY- THANJAVUR HIGHWAYS, VALLAM, THANJAVUR
City/Town	THANJAVUR
State/UT	Tamil Nadu
Pincode	613403

**2. Institutional Status**

University	Deemed
Type of Institution	Co-education
Location	Rural
Financial Status	private
Name of the IQAC co-ordinator/Director	Dr.B.Kunjithapatham
Phone no/Alternate Phone no.	04362265015
Mobile no.	9894427542
Registered Email	iqac@prist.ac.in
Alternate Email	iqacprist@gmail.com

**3. Website Address**

Web-link of the AQAR: (Previous Academic Year)	<a href="https://www.prist.ac.in/iqac/#1609739854388-24e88002-e03e">https://www.prist.ac.in/iqac/#1609739854388-24e88002-e03e</a>
<b>4. Whether Academic Calendar prepared during the year</b>	Yes
if yes, whether it is uploaded in the institutional website: Weblink :	<a href="https://www.prist.ac.in/iqac/#1620357030875-ba7366aa-c8ad">https://www.prist.ac.in/iqac/#1620357030875-ba7366aa-c8ad</a>

**5. Accrediation Details**

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.95	2015	16-Nov-2015	15-Nov-2020

**6. Date of Establishment of IQAC**

01-Jun-2015

**7. Internal Quality Assurance System**

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Workshop on Best	04-Jul-2019	47



practices in strategic implementation in departments	1	
Seminar on Impacts of Innovative practices	10-Oct-2019 1	65
Workshop on Revised Assessment and Accreditation Framework of NAAC	03-Jan-2020 1	35
Workshop on Outcome Based Education Approach	05-Feb-2020 1	54

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**8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
nil	nil	nil	2020 0	0
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**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View Link](#)

**10. Number of IQAC meetings held during the year :**

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

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**11. Whether IQAC received funding from any of the funding agency to support its activities during the year?**

No

**12. Significant contributions made by IQAC during the current year(maximum five bullets)**

2. Introduction of norms for add-on Diploma and Certificate courses in accordance with UGC guidelines on introduction of add-on courses.

3. Establishment of IPR cell, Incubation and Entrepreneur Cell.



4. Introduction of Industry linked Ph.D. programme.

5. Introduction of norms for credit allocation to courses in accordance with UGC guidelines.

1. Introduction of Weekly Review Meeting Systems in the Examination section and departments.

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**13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year**

Plan of Action	Achivements/Outcomes
To motivate the staffs and students to apply patent for their innovative projects	Six numbers of patents published and two patents was granted in the year 2019-20.
To motivate the staffs to implement best parctices in their departments	A Workshop was organized titled "Best practices in strategic implementation" in departments on 04.07.2019.
To Introduce of Industry linked Ph.D. programme	The institution has introduced Industry linked Ph.D. programme
To familarise the scheme of outcome based education among the faculty.	A Workshop was organised titled "Outcome Based Education Approach" on 05.02.2020.
To Introduce weekly Review Meeting Systems in all academic units.	The weekly Review Meeting Systems was implemented in all academic units and examination section.
To establish IPR cell and incubation cell.	The institution has established IPR cell, incubation and entrepreneur cell in the month of March 2020.

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**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
Board of Management	15-Oct-2020

**15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?**

No

**16. Whether institutional data submitted to AISHE:**

Yes

Year of Submission	2020
Date of Submission	10-Mar-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>The Institution has an efficient Management Information System (MIS) covering the entire gamut of activities including major modules like Academics, Student Lifecycle Management, Examination Management System, Human Resources Management System, Financial Accounting System, Attendance Monitoring System, Office Management System, Training Placement, Library Management System, Hostel Management, Store Management System, Engineering Maintenance Management, Planning Development Management, Assets Management System, Security Management, Website management, Acts, Ordinance, Statutes Management, Mobile App for Students and SMS /Email Integration. It also covers various sub modules such as the following: Academics Research Academic and research component of MIS includes sub modules like Admission Management, Academics Management, Course and Curricula Management, Choice Based Credit System, Student Management System, Student Attendance Monitoring, Time Table, Students Welfare Management, Scholarship Management, Sports Cultural, PG/PhD Fellowship Management Student Fees Management, Grievance Management, Alumni Management, Student Enquiry System, Feedback System. Examination Examination system covers Examination Time Table, Pre Examination Processing, Post Examination Processing Examination, Malpractices, Result Processing, Degree Management, NAD Integration, Verification Management, and Convocation Management. HR The HR functions are taken care by modules such as Establishment Management, Faculty and Staff Recruitment, Payroll Pension Management, Leave Management, Promotion /Increment, Transfers Management, Grievance Management, Service book management, Annual Report Data Generation, Teaching Attendance, NonTeaching Attendance. Finance Entire</p>



finance operations are managed by submodules like Budget Management, Salary disbursement, Finance/Financial Management, Outsource Service and payments, Fee Management System, Advance Requisition, Advance settlements, Claims and Reimbursements, Auditing, Project / Grant Management, Cash Books and Ledger Maintenance in Finance system module. Governance Governance module consists of VC Office Management, Registrar Office Management, Administrative Office Management, Dean Office Management, Department Office Management, File Tracking and Document Management, Meeting Management, IQAC/NAAC Management, Conferences/Seminars/Workshops/ Training Programme management. Knowledge Resource The Knowledge resource management modules contain the following sub modules like Integration with library management, Library budget and equipment, Books, Journals and Periodical Procurement, Library Log register maintenance, Book bank management, Campus Interview Conduct, Schedule of training programs, Educational and Industrial Tours Management. Campus maintenance The campus maintenance system has the following essential sub modules like Hostel administration, Student Record Maintenance, Student Room allotment, Student grievances - Hostel / Mess, Purchase Management System, Inventory Management, Distribution Management, eTendering, New Building Proposals, Maintenance, complaints Tracking, Estimates and Approvals, Tendering and Work Allotment, Estate Management, Planning Development Management, Monthly Status Report Generation, Master Records, Assets Management System. Others MIS also covers Campus Security, Departmental Web Portals, Central facilities, Training and Placement, Alumni Registration, Acts, Ordinance, Statutes Management, Mobile App for Students, SMS /Email Integration, etc.,

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Design and Development



1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BA	19UGENGGE	English	01/06/2019
MA	19PGENGGE	English	01/06/2019
MPhil	19MPENGGE	English	01/06/2019
BSc	19UGBCGE	Biochemistry	01/06/2019
MSc	19PGBCGE	Biochemistry	01/06/2019
MPhil	19MPBCGE	Biochemistry	01/06/2019
BSc	19UGBTGE	Biotechnology	01/06/2019
MSc	19PGBTGE	Biotechnology	01/06/2019
MPhil	19MPBTGE	Biotechnology	01/06/2019
BSc	19UGMBGE	Microbiology	01/06/2019
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	Electrical and Electronics Engineering	01/07/2019	19153C73 - Renewable Energy Systems	01/07/2019
BTech	Electrical and Electronics Engineering	01/07/2019	19153H73P - Power Plant Engineering	01/07/2019
BTech	Electronics and Communication Engineering	01/07/2019	19152E56D - Robotics and Automation	01/07/2019
BTech	Computer Science Engineering	01/07/2019	19150C62- Artificial Intelligence	01/07/2019
BTech	Computer Science Engineering	01/07/2019	19150E75B- Machine Learning Techniques	01/07/2019
BTech	Mechanical Engineering	01/07/2019	"19154E54B- Automotive Systems "	01/07/2019
BTech	Mechanical Engineering	01/07/2019	"19154E82B-Entrepreneurship Management "	01/07/2019
BTech	Civil Engineering	01/07/2019	19155C71-Estimation, Costing And Valuation Engineering	01/07/2019
BTech	Civil Engineering	01/07/2019	19155H15P- Irrigation Engineering	01/07/2019



BCom	Commerce	01/06/2019	Marketing-19161AEC15	01/06/2019
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## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	Wild life conservation	01/06/2019
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### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BCA	Computer Science	01/06/2019
BCom	Commerce	01/06/2019
BSc	Biotechnology	01/06/2019
MA	English	01/06/2019
MSc	Biochemistry	01/06/2019
MSc	Microbiology	01/06/2019
MSc	Mathematics	01/06/2019
BSc	Mathematics	01/06/2019
BSc	Physics	01/06/2019
MSc	Physics	01/06/2019
BSc	Chemistry	01/06/2019
MCom	Commerce	01/06/2019
MSc	Computer Science	01/06/2019
MSc	Computer Science	01/06/2019
BTech	Electrical and Electronics Engineering	01/07/2019
BTech	Electronics and Communication Engineering	01/07/2019
BTech	Computer Science Engineering	01/07/2019
BTech	Mechanical Engineering	01/07/2019
BTech	Civil Engineering	01/07/2019
Mtech	Power System	01/07/2019
Mtech	Communication System	01/07/2019
Mtech	Computer Science Engineering	01/07/2019
Mtech	Manufacturing Technology	01/07/2019
Mtech	Structural Engineering	01/07/2019
BBA	Management	01/07/2019



MBA	Management	01/07/2019
BEd	Education	01/06/2019
MEd	Education	01/06/2019
MPhil	English	01/06/2019
MPhil	Mathematics	01/06/2019
MPhil	Physics	01/06/2019
MPhil	Chemistry	01/06/2019
MPhil	Computer Science	01/06/2019
MPhil	Biochemistry	01/06/2019
MPhil	Biotechnology	01/06/2019
MPhil	Microbiology	01/06/2019
MPhil	Commerce	01/06/2019
BA	English	01/06/2019
BSc	Biochemistry	01/06/2019
BSc	Microbiology	01/06/2019
BSc	Computer Science	01/06/2019
MPhil	Management	01/06/2019

### 1.3 – Curriculum Enrichment

#### 1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Spoken English	01/06/2019	28
Public speaking	01/06/2019	18
Journalism	01/06/2019	12
Certificate course on Vermicompost	01/06/2019	14
Diploma in Clinical nutrition and dietetics	01/06/2019	12
Diploma Course in Agriculture Technology	01/06/2019	31
Diploma Course in MAT Lab	01/06/2019	53
Diploma Course in Web Designing and Hosting	01/06/2019	51
Diploma Course in Game Theory	01/06/2019	15
Diploma Course in Spectroscopy Techniques	01/06/2019	16
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#### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	B.Sc-Biochemistry	11



BSc	B.Sc-Biotechnology	11
BSc	B.Sc-Computer Science	60
BCA	Computer Science	60
BSc	B.Sc-Physics	2
BTech	EEE	5
BTech	ECE	19
BTech	CSE	34
BTech	MECHANICAL	60
BTech	CIVIL	23
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#### 1.4 – Feedback System

##### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

##### 1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

###### Feedback Obtained

Feedback obtained is being analyzed and utilized for overall development of the Institution : The University is having a formal mechanism to collect the following feedback from Students and various stakeholders. 1. Students Feedback on curriculum 2. Alumni Feedback on curriculum 3. Academic peer Feedback on curriculum 4. Industry personal Feedback on curriculum 5. Outgoing students Feedback on curriculum 6. Employers Feedback on curriculum 7. Parents Feedback 8. Alumni Feedback 9. Feedback on academic programme experience. 10. Feedback on course experience 11. Mid semester Feedback 12. End semester Feedback 13. Students Satisfaction Feedback 14. Feed back on Library services 15. Feed back on Examination section 16. Feed back on Training and Placement 17. Feed back on Student support services 18. Feedback on performance of teachers • Feedback on curriculum is also obtained from external examiners at the time of Central Valuation organized by the examination section. • 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 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. • The collected 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. IQAC takes the responsibility of collecting the various types of Feedbacks in time. PRIST assessment center takes the



responsibility of drafting the abstract of the feedback collected. The abstract of the feedbacks will be placed before the IQAC and also submitted to the Board of Management for information. The abstract of feedback will also be sent to the respective academic/administrative units for taking follow up action. The action taken reports will be collected by the PRIST assessment center and it will be placed before the IQAC in its subsequent meeting and also a copy of action taken report will be placed before the BOM for information.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc	Microbiology	60	54	52
BBA	Management	60	59	57
BSc	Biochemistry	30	24	24
BSc	Biotechnology	50	42	41
BSc	Physics	30	32	30
BSc	Mathematics	20	16	16
BSc	Chemistry	60	54	51
BCA	Computer Science	60	67	60
BCom	Commerce	60	63	60
BA	English	40	37	34

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### 2.2 – Catering to Student Diversity

#### 2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	2561	440	178	95	68

### 2.3 – Teaching - Learning Process

#### 2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
341	262	20	21	4	12

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

#### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

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. Personal and academic counseling is being offered to the students through their department mentors available and the SFS (Student Follow Up System) Incharges The Institution follows a best practice called SFS in which every teacher is allotted with ? 20 students. An exclusive format is prepared for this system. It gives the overall history of the students such as Attendance (monthly), Continuous Internal assessment marks, End semester examination marks, Details of parents visit to the Institution, Permanent/ Temporary address and Parent contact details, 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. The scheme is adapted for the value additions to the students like bridging the gap between the teachers and students, Creation of a better environment in college, where students can approach teachers for both educational and personal guidance, Enhancement of knowledge base for both teachers and students alike, due to effective two-way communication. Awareness and support to students for GATE, GRE, CAT, NET, SLET, NTPC, BSNL, and other Govt. PSUs examinations, Motivation for higher studies and entrepreneurship. Advice and support for improvement in academic performance.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3001	341	1 : 9

## 2.4 – Teacher Profile and Quality

### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
341	341	0	101	222

### 2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. R. Arun Kumar	Associate Professor	Research Associateship, CSIR, GOVT OF INDIA, NEWDELHI
2019	A. Shajahan	Assistant Professor	Best Poster Award , National Conference on Recent Developments in Physical Science, PSMR, PONDYCHERY
2019	Dr. Arjun Pandian	Associate Professor	Research Grant, DPT , NEWDELHI
2019	Dr. M. Vijay	Assistant Professor	Excellent performance, department of Research Innovations Sponsored Project and Entrepreneurship, Chandigarh group of colleges, Landran, Mohali, India



Nill	Dr.K.Sundar	Associate Professor	Best Presentation Award -Newton -Bhaba Fund RSC Researcher Links Workshop.
2019	DR. P.Sathya	Associate Professor	Best Paper presentation Award,RajaRamBapu Institute of Technology
2019	Dr.B.Kunjithapatham	Associate Professor	Technical Expert member for RUSA Scheme Tender Advisory Committee, Tamil University, Thanjavur.
2019	Dr.Ashutosh Das	Professor	Best Researcher Award,Moral research resource organization, MAM School of Engineering Technology, Trichy
2019	Dr.R.Sivasamandy	Professor	Best Paper Award,International conference,Parisutham Institute of Technology,Thanjavur
2020	Dr. Bakrudeen Ali Ahamed	Professor	World Record Holder Award 2020 - Health Family Welfare Moral Research and Resource Organization, Dr. Kalam Vision 2020 - All India National Development (Conference Non-Stop presentation) held at M.A.M. School of Engineering, Trichy.
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## 2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	19UGECEFT	II/I	12/08/2020	29/08/2020



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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
54	2973	1.82

## 2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://www.prist.ac.in/wp-content/uploads/2021/05/All-School-PEOs-POs-PSOs-COs-2019-20.pdf>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
15UGCSEFT	BTech	CSE	31	28	90.32

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## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://www.prist.ac.in/wp-content/uploads/2021/05/STUDENT-SATISFACTION-SURVEY-REPORT-2019-20.pdf>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Dr.S.Subashch andrabose	Post doctoral fellowship	18/12/2019	University of Padova, Italy

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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
JRF-Bijesh Yadav	730	PRIST Deemed to be University
JRF-B.Nilavu	730	PRIST Deemed to be University
JRF- Varanasi Rahul	730	PRIST Deemed to be University

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### 3.2 – Resource Mobilization for Research



### 3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	DBT	19.29	6.3
Major Projects	1095	DST-ECR	21.72	9
Major Projects	1826	DST-WTI	40.26	5.69
Major Projects	1095	ISRO	33.84	3.54
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### 3.3 – Innovation Ecosystem

#### 3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Third Industry Academia Meet	Industry Institution Interaction cell	04/10/2019
Fourth Industry Academia meet	Industry Institution Interaction cell	13/03/2020
Workshop on IPR	IPR Cell	17/12/2019
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#### 3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
ARIIA.2020	Dr.TTM.Kannan .Associate Professor	Ministry of Education (MoE) -Institution Innovation Council (Govt of India) AICTE	29/07/2019	Faculty
Proof of concept (PoC)	Akesh Nandan- Final Year student (Mechanical)	Ministry of Education (MoE) -Institution Innovation Council (Govt of India) AICTE	29/07/2019	Student
Institution Innovation council award ( 2 Star rating)	PRIST School of Engineering and Technology	MHRD -Institution Innovation Council (Govt of India) AICTE	06/11/2019	Institution
Institution Innovation council award ( 4.5 Star rating)	PRIST School of Engineering and Technology	Ministry of Education (MoE) -Institution Innovation Council (Govt of India) AICTE	22/09/2020	Institution
Innovation	Dr.TTM.Kannan	MHRD	06/01/2020	Intellectual



Ambassador	.Associate Professor	-Institution Innovation Council (Govt of India) AICTE		Property Rights
Innovation Ambassador	Dr.Ashutosh Das-Professor	MHRD -Institution Innovation Council (Govt of India) AICTE	06/01/2020	Intellectual Property Rights
Innovation Ambassador	Dr.Bakrudeen ali	MHRD -Institution Innovation Council (Govt of India) AICTE	06/01/2020	Incubation
Innovation Ambassador	Dr.K.G.Selvan -Professor	MHRD -Institution Innovation Council (Govt of India) AICTE	06/01/2020	Entrepreneurial Development
Distinguished Young Scientist Award	Kundan kumar Jha-Research Scholar	Green Thinkerz-India	19/08/2020	Research Scholar
Research Excellence award	Kundan kumar Jha-Research Scholar	Institute of Scholars	12/10/2020	Research Scholar

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### 3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
SAI CADD	Er.Ilaya Perumal	PRIST -Academic Incubation Centre	-	-	20/10/2019

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### 3.4 – Research Publications and Awards

#### 3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Computer Science	1
Computer Science Engineering	2
Electronics and Communication Engineering	1
Education	2
Electrical and Electronics Engineering	1
Management	1
Mathematics	2
Microbiology	1



### 3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Microbiology	5	2.62
International	Biotechnology	6	1.65
International	Biochemistry	6	3.19
International	Chemistry	12	2.06
International	Environmental Engineering	3	0.43
International	Electronics and Electrical Engineering	4	0.4
International	Mechanical Engineering	5	0.96
National	Biotechnology	1	0.21
National	Environmental Engineering	2	0.23

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### 3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Mechanical	1
Microbiology	2
Biotechnology	4
Biochemistry	4

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### 3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Goose fish pond aerator system	Published	201941033031	Nil
RO reject pressurized Water jet Nano Grinding Machine	Filed	321472-001	Nil

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### 3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
COVID-19 Impact-A Physicians Perspectiv	Prabhakar P., Punnav eetil S.	Internat ional Journal of Nutrition,	2020	4	Prist Un iversity, India Starcare	4

e	Pharmacology, Neurological Diseases	Hospital, Muscat, Oman
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#### 3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Synthesis, structural, spectral and antibacterial activity of 3,3a,4,5-tetrahydro-2H-benzof[g]indazole fused carbathioamide derivatives as antibacterial agents	Murugavel S., Deepa S., Ravikumar C., Ranganathan R., Alagusundaram P.	Journal of Molecular Structure	2020	2	2	Department of Physics, Thanthai Periyar Government Institute of Technology, Vellore, Tamil Nadu 632 002, India Department of Physics, Government College of Engineering, Salem, Tamil Nadu 636 011, India Department of Physics, Thanthai Periyar EVR Go

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#### 3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	63	187	29	14
Presented papers	62	51	1	1
Resource persons	7	24	4	3

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#### 3.5 – Consultancy



### 3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Dr. M. Sivanantham, Associate Professor, Dept of Physics, PRIST school of Arts and Science	Preparation of thermoelectric materials based on conducting polymers and inorganic hybrid nanomaterials	nRoot Consultancy, Thanjavur	25000
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### 3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
nil	nil	nil	0	0
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### 3.6 – Extension Activities

#### 3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Swachhta Pakhwara - Campus Play Ground Cleaning Activity	NSS Unit	1	100
Thanjavur Book Fair 2019 - Visit	NSS Unit	1	100
Observance of Sadhbhavana diwas - Harmony Day	NSS Unit	1	100
Skill Development Programme	NSS Unit	1	100
Independence Day Celebrations 2019	NSS Unit	3	100
International Literacy Day	NSS Unit	1	100
Awareness Programme on Saving Water Resources Drama	NSS Unit	1	100
NSS Orientation Programme For NSS Volunteers	NSS Unit	1	100
Awareness Program for "Seeds Collecting Forming"	NSS Unit	1	100



Observance of World Environment Day	NSS Unit	1	100
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Nil	Nil	Nil	0
No file uploaded.			

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Drug free INDIA	NSS CELL THANJAVUR METRO	International Day Against Drug Abuse Awareness Rally	5	100
World environment day	NSS CELL AGRI DEPARTMENT THANJAVUR	Awareness Program for "Seeds Collecting Forming"	3	100
SWACHH BHARAT SUNDAR BHARAT	NSS CELL AGRI DEPARTMENT THANJAVUR	Tree Plantation Sapling Distribution Programme at Ke lavasthaChavadi Village	2	100
SWACHH BHARAT SUNDAR BHARAT	NSS CELL AGRI DEPARTMENT THANJAVUR	Tree Plantation Sapling Distribution Programme at Puthupattinam Village	2	100
Swachhta Pakhwara	NSS CELL	Village Cleaning Programme at Ke lavasthaChavadi Village	2	100
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### 3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Research Collaboration	Dr.Ashutosh Das	SUTRAM EASY WATER	365



Research Collaboration	Dr.Arjun Pandian	Department of Bio Technology	365
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	Fixed term Internship	Orchid chemicals, Chennai	23/05/2019	23/05/2019	22
Internship	Fixed term Internship	ISHA nursery centre- Grafting and Propagation Training, Thanjavur	16/07/2019	16/07/2019	15

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3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
nROOT consultancy, Thanjavur	13/08/2019	Industrial visit, Guest lecture, Workshop, Make in India Projects, consultancy	12
Siemens Centre for Excellence in Manufacturing, NIT, Trichy	12/09/2019	Skill development courses, Internships, Consultancy, Projects	30
Biozone Research Technologies Pvt Ltd, Chennai	04/10/2019	Seminar, guest lecture, project, funding, research collaborations, Internship	2
ICICI foundation, Trichy	13/03/2020	Training, Placement, Internship and guest lecture	23

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#### CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

##### 4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
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1200	1150
------	------

#### 4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Laboratories	Existing
Class rooms	Existing
Laboratories	Newly Added
Seminar Halls	Existing
Classrooms with LCD facilities	Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Seminar halls with ICT facilities	Existing

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#### 4.2 – Library as a Learning Resource

##### 4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Autolib	Fully	5.1	2009

##### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	63846	19153800	3115	934500	66961	20088300
Reference Books	27108	8132400	360	108000	27468	8240400
e-Books	105000	445000	0	0	105000	445000
Journals	460	1415000	0	0	460	1415000
e-Journals	50773	1739000	0	0	50773	1739000
Digital Database	6	2164000	0	0	6	2164000
CD & Video	1861	55830	55	5500	1916	61330
Library Automation	0	77000	0	0	0	77000

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##### 4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Nil	Nil	Nil	Nil

No file uploaded.

#### 4.3 – IT Infrastructure



#### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	922	10	300	2	2	78	48	100	0
Added	0	0	0	0	0	0	0	1000	0
Total	922	10	300	2	2	78	48	1100	0

#### 4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

1 MBPS/ GBPS

#### 4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Nil	0

#### 4.4 – Maintenance of Campus Infrastructure

##### 4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
1050	1045	600	505

##### 4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The policy for maintaining and utilizing physical, academic and support facilities The Institution has a number of policies procedures and practices to govern its operation. The policies are meant for day-to-day dealing. They provide guidance to members in a number of academic areas. The Institution has a comprehensive policy to maintain the infrastructure periodically. Hence, the management allocates sufficient funds for the maintenance of the physical academic and support facilities Ample Human resources are appointed absolutely for maintenance and upkeep of campus infrastructure. A maintenance supervisor and maintenance assistances (electrician and plumber) assist in upkeep and maintenance of infrastructure facilities. The institute outsources the maintenances of infrastructure facilities. Following is the list of Annual maintenance contracts. ? Annual Pest Control Service Contract ? Fire Extinguisher system Maintenance ? UPS ? Water Tank Cleaning AMC (Annual Maintenance Contract) is signed with these respective agencies for preventive and corrective maintenance. Security of the institute is assigned to external agency. The green campus is maintained by the gardener appointed by the Institution. Maintenance of Equipment Computing Facilities: The institute has dedicated staff that overlooks the maintenance upkeep of equipment computing facilities of the institution. All the standalone and dedicated computers and network systems connecting these computers are taken care of by the respective departments, system department and technical assistants. All the electrical and electronics equipment deployed in institute are looked after by the team of electrical maintenance staff consisting of electricians and engineers. Routine computer maintenance, software installations, networking are handled by respective Department. Anti-virus software is purchased and is renewed annually



for the smooth working of all the computers in the institute. The maintenance of generator is regularly done by AMC. Library maintenance is done by management by providing a provision of the budget. Library software is maintained by AMC. Disinfecting and keeping library clean is done frequently by library staff. In case of equipment / machines if it is not covered by a warranty or maintenance contract, the department may elect to have the repairs performed by vendor/manufacturer. All the records pertaining to equipment / machine's warranty, maintenance contract shall be maintained by the department housing the equipment / machines. All the records pertaining to physical education / sports equipment's warranty, maintenance contract shall be maintained by the sports department.

<https://www.prist.ac.in/wp-content/uploads/2020/03/Infrastructure-Utilization.pdf>

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	co curricular activities, scholarships, Innovative project Deesign, Freeship	83	284000
Financial Support from Other Sources			
a) National	0	0	0
b) International	0	0	0
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#### 5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
English Communication Course	27/06/2019	100	Departments
Fresher's Orientation Programme	01/08/2019	245	Departments
Yoga Day	21/06/2019	100	Departments
Personal Counseling and Mentoring	30/09/2019	323	Departments
Orientation Programme	25/06/2019	120	Departments
Remedial coaching	14/10/2019	145	Departments
Semester Peparatory Bridge course	05/08/2019	603	Departments
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#### 5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the



institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	GATE Coaching for 5th and 7th semester students	84	75	0	0
2020	"Competitive Examinations"	121	84	2	2

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
12	12	3

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Ucal fuel system, ICICI Academy for skills, Sri Raetna solutions Chennai, IDBI Federal life insurance, ICICI Bank - IT Back office, Thanjavur e-Soft IT Solutions, Trichy VDart Technologies Pvt Ltd	377	94	Biozone-Chennai, Audisheshaiah KLN Motors, TVS Training Service, Owl India Pvt Ltd, Coimbatore	161	46

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of	Programme	Department	Name of	Name of
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	students enrolling into higher education	graduated from	graduated from	institution joined	programme admitted to
2019	1	B.Sc., Physics	Physics	Sathyabama Institute of Science and Technology	M.Sc., Physics
2019	3	BSc Maths	Maths	1.M.S.University, 2.Bishop Heber College, 3.PRIST University	M.Sc. Maths
2019	2	BA English	English	Sir Issac Newton college fo Education, Nagapattinam	B.Ed

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	0

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Mime	Institutional	5
Sports	State Level	23
Cricket Tournament	State Level	125
Annual Sports Meet	Institutional	320
Multi Talent Hunt Expo - 2019	District level	450
Cultural Fest 19	Institutional	350
COMBAT T20	National Level	228

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### 5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Advertisment - First prize	National	Nil	1	1801PC1001	Vijune Lawrence
2019	Quiz-	National	Nil	1		Vijune



	Second prize				1801PC1001	Lawrence
2019	Oral presentation-First prize	National	Nill	1	1801PC1001	Vijune Lawrence

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The Institution 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 cleanliness ? 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 Institution. Executive Student members periodically meet to coordinate projects, said goals and discuss the needs of the student community. Apart from student cabinet system every department has an active student association consisting of student members. The student members of the association The constitution of the student association comprises Secretary, Joint Secretary, Treasurer and student council members. The association is monitored by senior faculty members who are responsible for the smooth conduct of the association meetings and events. The student association plays a vital role in organizing Seminars, Workshops, Symposium, National Level Conference, Industrial visits and Intercollegiate meet to develop the personality and skills of the student's ability. The activities organized by the association include Special Lectures by experts, Eminent speakers and industrialist deliver speeches on topics relevant to current educational scenario.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

745

5.4.3 – Alumni contribution during the year (in Rupees) :

212050

5.4.4 – Meetings/activities organized by Alumni Association :

Department level Alumni Meet was organized by all Departments.

#### CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

##### 6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

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 organized 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 Institution. Moreover, the Institution is regularly collecting feedback and suggestions from the different stakeholders and takes prompt actions in fulfilling their suggestions. The students cabinet is functioning efficiently. Moreover the institution has constituted various non- statutory committees for the effective implementation of participatory management in the institution with the involvement of both faculty and students:

- Anti-Discrimination Cell • Library Advisory Committee • Entrepreneurship Development Cell • Gender Sensitization Committee Against Sexual Harassment (GSCASH) • Industry Institution Interaction Cell • Three Tier "Staff Grievance Redressal Mechanism" • University Research Advisory Board • Literary Committee: • Extra Curricular Activities Coordination Committee • Cultural Committee: • Unfair Means Committee: • Placement Committee: • Career Guidance And Counseling Cell • Class Committee • Department Academic Committee • Extension Activities Coordination Committee • Student Grievance Redressal Cell • Student Welfare Committee • Differently -abled Students Welfare Committee • Disadvantaged Community Student Welfare Committee • Women Welfare Committee • Anti Ragging Committee • Participation in IQAC students Chapter • Students Participation in Peer Tutoring

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

## 6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	The systematic process of 'Curriculum Design and Development' is clearly outlined in the "Curriculum Design and Development Manual", published by the Institution. 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. The institution has adopted following mechanism for effective planning and implementation of the curriculum. • Development and Deployment of Action Plans for Effective Implementation of the Curriculum • Development and Deployment of Action Plans for Effective Implementation of the Curriculum • Support to the Teachers for Effectively Translating the Curriculum The institution adopt outcome based approach and learner centric pedagogy for an effective teaching-learning process. The institution has established and effective network with industries and academia to suggest the modification /update in the syllabi to keep in pace with the latest developments.

#### Teaching and Learning

The main purpose of introducing choice based credit system in is to insist on student's centric learning. This is made possible by adopting a strategy to involve students in Seminars/ Field trainings/ Projects/ Internships each department is organizing in house seminars for their students to participate. The institution is providing financial assistance for the students to present papers in national seminars organized by premier institutions. Field visits are organized for the students at least once in a year. The institution has signed MOUs with industrial organizations for providing internships opportunities to the students. In fact internship is being made as mandatory for the students of Engineering Technology. Design project/ Socio Technical project is included as a part of the curriculum in order to involve the students in design/socio technical projects. Project work is included in the curriculum in all academic programs during final semester. Further students are also involved in the student's centric learning approaches such as, • Group discussion • Individual assignments • Tutorials • Problem based learning • Problem solving by groups • Case studies • Concept mapping Moreover, 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 Institution 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.

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 Centre for Knowledge Management is continuously monitoring the trends and issues regarding developments in open educational resources and organizing workshops and training programmes for faculty and students.

#### Examination and Evaluation

The Institution 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 Institution Emblem are introduced in the grade cards/Cumulative Mark Statement/Provisional and Degree Certificates. Dummy Number System and Double Valuation mechanisms are used to assure quality and integrity of the Evaluation process. ICT has been introduced for effective management of Examination system in our Institution to usher great efficiency, transparency and reliability. Online Certificate Verification System has been introduced to facilitate expeditious Verification of Students Certificates. The institution has introduced the system of question paper quality index to assess the quality of testing instruments. The Institution Ensures timely declaration of results. 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. 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 2016. The Institution 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 Institution has initiated Computerization 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.

#### Research and Development

Research and Development This University gives much priority to research. To promote Research and Development 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 RD activities of the University, right from selection of



and cash plan as per the requirement of the institution • Encouraging and guiding faculty members to submit projects for funding • Organizing Quality Improvement Programmes • Personal Grant to Teachers • Travel Grant for teachers for attending Seminars and conferences • Research Awards • Research Fellows • Preparing Annual Report

#### Administration

e-governance of the Institution in Administration processes the following:  
• RTI Court case management • Financial accounting • Office management system • Human Resource management system • Library management system • Hostel management • Store management • Engineering maintenance management • Assets management etc.

#### Finance and Accounts

The institution's e-governance on Finance and Accounts processes the following: • Budget management • Salary management • Finance/Financial management • Outsource Service and payments • Fee management system • Advance requisition • Advance settlements • Claims and reimbursements • Auditing • Project/Grant management • Cash books and Ledger maintenance

#### Student Admission and Support

e-governance on Student Admission and Support of our institution consists of the following modules: • Attendance monitoring • Time Table • Students Welfare Management • Sports Culture • Scholarship Management • PG/PhD Fellowship management • Grievance management • Alumni Management • Student Enquiry management • Feedback Systems etc.

#### Examination

The institution adopts e- governance in Examination systems for the following • Pre-examination processing • Post examination processing • Examination Malpractices • Result processing • Degree management • NAD registration • Verification management • Convocation Management etc.

### 6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support



2019	Dr. Ashutosh Das	Training Programme on Developing Winning Research proposals, NAARM, Hyderabad, November 19-23, 2019/NAARM, Hyderabad	-	5000
2019	Mr. Amalraj	International seminar on Neoteric Trends in English Language Teaching and Testing	-	1750

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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	One Day Workshop on "Intellectual Property Rights"	-	17/12/2019	17/12/2019	35	Nil

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Faculty Induction Programme	21	05/06/2019	06/06/2019	2

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
341	341	163	163

6.3.5 – Welfare schemes for



Teaching	Non-teaching	Students
<ul style="list-style-type: none"> <li>• Medical Facility •</li> <li>Sabbatical Leave •</li> <li>Maternity leave for female faculty members •</li> <li>Seed money for research •</li> <li>Financial assistance for conference presentation and journal publications •</li> <li>Group Insurance •</li> <li>Scheme of Employees Provident Fund. •</li> <li>Wards of the staff members are admitted to programme in the University with fee concession</li> </ul>	<ul style="list-style-type: none"> <li>• Medical Facility •</li> <li>Maternity leave for female faculty members •</li> <li>All of them are enrolled in the scheme of Employees provident fund. •</li> <li>Wards of the staff members provided free education</li> </ul>	<ul style="list-style-type: none"> <li>• Group Insurance •</li> <li>Financial assistance for Innovative projects •</li> <li>Financial Assistance for participation in seminar/symposium/conference and other intercollegiate events. •</li> <li>Merit Scholarship •</li> <li>Wifi facility •</li> <li>Hostel Temple •</li> <li>Gym Yoga •</li> <li>NPTEL Workstation and NPTEL Online Examination •</li> <li>Special Coaching for Competitive examination •</li> <li>Certificate of Good Academic Standing •</li> <li>Certificate of Distinguished Academic Standing •</li> <li>Student Innovative Project Award •</li> <li>Membership in Robotics Research centre •</li> <li>E-learning incubator •</li> <li>Student Personal Potential Index System</li> </ul>

#### 6.4 – Financial Management and Resource Mobilization

##### 6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Internal and External Audits: The Institution is having the mechanism for both internal and external audit for mobilizing the financial resources. 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 Institution. The Internal Audit includes the following processes: • Verification of day to day finance related activities • Verification of bills, vouchers and control register • Bank reconciliation • Vendor reconciliation • Check with internal control in respect of utilization of funds • Preparation of Internal audit Report The External Audit is carried out by the statutory audit firms Kalyanasundaram co. During the External Audit the following tasks are dealt with: • Vouching • Reconciliation • Recomputation • Valuation of assets • Verification of accrued income and outstanding payments • Compliance of accounting standard • Preparation of financial statement • Filing of tax returns After the completion of External Audit the institution will file the Income Tax Returns for the concerned financial year. The Income Tax Returns for the assessment year 2019-20 was filed on 30.12.2020.

##### 6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Tamil Nadu State Council for Science and Technology (TNSCST)	22500	Student Project Scheme

[View File](#)



## 6.4.3 – Total corpus fund generated

52370540

## 6.5 – Internal Quality Assurance System

## 6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	UGC	Yes	Institutional Audit Committee
Administrative	Yes	UGC	Yes	Institutional Audit Committee

## 6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

Not Applicable

## 6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

- Cash prizes and certificates to the students for their meritorious achievements in academics
- Awards and medals for the University Rank Holders
- Cash awards and Prizes to the Sports students
- Memorial tournament in the Institution

## 6.5.4 – Development programmes for support staff (at least three)

1. Hands-on Training cum Workshop on "Dealing Microsoft Office"
2. Workshop on "Industrial Safety"
3. Workshop on "Expertise in Tally"

## 6.5.5 – Post Accreditation initiative(s) (mention at least three)

- Outcome Based Education in all Schools
- Initiatives have been taken to evaluate the attainment of PSOs and Cos
- Introduction of online Examination System
- Regular conduct of Open House programmes to attract student admission
- Initiatives have been taken to motivate students to opt for SWAYAM courses
- Students have been deployed to undergo college-corporate programme organized by IIT Bombay with Institution as Remote Centre
- Institutional participation in NIRF ranking
- Initiatives have been taken for the National Academic Depository (NAD) and MHRD Innovation council (MIC)
- The IPR cell has taken initiatives to come out with 35 patents publications in the latest academic year.
- The Industry-Institution Interaction Cell has organized Five Industry-Academia Meets which helps the institution to sign MoUs with twenty five leading industrial organizations.
- The Institution Innovation Council organized workshop to promote the faculty to get involving in patent work and to publish more number of patents.
- Several departments have signed with several Industries for offering Industry Designed courses and Industry offered courses to the students in order to enhance the employability opportunities for them.

## 6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	No

## 6.5.7 – Number of Quality Initiatives undertaken during the year



Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Workshop on Best practices in strategic implementation in departments	04/07/2019	04/07/2019	04/07/2019	47
2019	Seminar on Impacts of Innovative practices	10/10/2019	10/10/2019	10/10/2019	65
2020	Workshop on Revised Assessment and Accreditation Framework of NAAC	03/01/2020	03/01/2020	03/01/2020	35
2020	Workshop on Outcome Based Education Approach	05/02/2020	05/02/2020	05/02/2020	54

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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Awareness Programme on Women safety at Workplace	09/03/2020	09/03/2020	152	7

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
2 KW Solar Power Plant ,Waste Water Management, Rain Water Harvesting, Use of LED bulbs, e-waste management, Plastic Free Campus, Green Garden, Solid Waste Management

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Ramp/Rails	Yes	2
Rest Rooms	Yes	2



Scribes for examination	Yes	2
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#### 7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	05/06/2019	1	Observance of World Environment Day	Only One Earth	100
2020	1	1	02/03/2020	1	Corona Virus - Safety Awareness Programme	Protect yourself: advice for the public	100

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#### 7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
SWACHH BHARAT- Cleanliness	04/07/2019	<p>The Ponnaiyah Ramajayam Institute of Science and Technology (PRIST), Deemed to be University recognizes the importance of a safe, healthy, clean and green environment. It is everybody's responsibility and one should keep themselves and their surroundings clean and hygienic. It also brings good and positive thoughts in the mind which slows down the occurrence of diseases.</p> <p>This Swatch Bharath activities also been carried out at various streets of vallam village. Students have encouraged community people to join in Swatch Bharath activity. They have participated in Clean India activity and shown their willingness and interest to keep surrounding clean. Thus the students of PRIST Deemed to be University</p>





## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

1. Name of the Institution	PRIST DEEMED TO BE UNIVERSITY
Name of the head of the Institution	Dr.N.Ethirajalu
Designation	Vice Chancellor
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04362237642
Mobile no.	9443147645
Registered Email	vicechancellor@prist.ac.in
Alternate Email	dr.enyee@yahoo.co.in
Address	PRIST DEEMED TO BE UNIVERSITY, TRICHY- THANJAVUR HIGHWAYS, VALLAM, THANJAVUR
City/Town	THANJAVUR
State/UT	Tamil Nadu
Pincode	613403



**2. Institutional Status**

University	Deemed
Type of Institution	Co-education
Location	Rural
Financial Status	private
Name of the IQAC co-ordinator/Director	Dr.B.Kunjithapatham
Phone no/Alternate Phone no.	04362265015
Mobile no.	9894427542
Registered Email	iqac@prist.ac.in
Alternate Email	iqacprist@gmail.com

**3. Website Address**

Web-link of the AQAR: (Previous Academic Year)	<a href="https://www.prist.ac.in/iqac/#1609739854388-24e88002-e03e">https://www.prist.ac.in/iqac/#1609739854388-24e88002-e03e</a>
<b>4. Whether Academic Calendar prepared during the year</b>	Yes
if yes, whether it is uploaded in the institutional website: Weblink :	<a href="https://www.prist.ac.in/iqac/#1620357030875-ba7366aa-c8ad">https://www.prist.ac.in/iqac/#1620357030875-ba7366aa-c8ad</a>

**5. Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	B	2.95	2015	16-Nov-2015	15-Nov-2020

**6. Date of Establishment of IQAC**

01-Jun-2015

**7. Internal Quality Assurance System**

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Workshop on Best	04-Jul-2019	47



practices in strategic implementation in departments	1	
Seminar on Impacts of Innovative practices	10-Oct-2019 1	65
Workshop on Revised Assessment and Accreditation Framework of NAAC	03-Jan-2020 1	35
Workshop on Outcome Based Education Approach	05-Feb-2020 1	54
<a href="#">View File</a>		

8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
nil	nil	nil	2020 0	0
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

2. Introduction of norms for add-on Diploma and Certificate courses in accordance with UGC guidelines on introduction of add-on courses.

3. Establishment of IPR cell, Incubation and Entrepreneur Cell.

4. Introduction of Industry linked Ph.D. programme.



5. Introduction of norms for credit allocation to courses in accordance with UGC guidelines.

1. Introduction of Weekly Review Meeting Systems in the Examination section and departments.

[View File](#)

13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
To motivate the staffs and students to apply patent for their innovative projects	Six numbers of patents published and two patents was granted in the year 2019-20.
To motivate the staffs to implement best parctices in their departments	A Workshop was organized titled "Best practices in strategic implementation" in departments on 04.07.2019.
To Introduce of Industry linked Ph.D. programme	The institution has introduced Industry linked Ph.D. programme
To familarise the scheme of outcome based education among the faculty.	A Workshop was organised titled "Outcome Based Education Approach" on 05.02.2020.
To Introduce weekly Review Meeting Systems in all academic units.	The weekly Review Meeting Systems was implemented in all academic units and examination section.
To establish IPR cell and incubation cell.	The institution has established IPR cell, incubation and entrepreneur cell in the month of March 2020.
<a href="#">View File</a>	

14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Board of Management	15-Oct-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020



Date of Submission	10-Mar-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>The Institution has an efficient Management Information System (MIS) covering the entire gamut of activities including major modules like Academics, Student Lifecycle Management, Examination Management System, Human Resources Management System, Financial Accounting System, Attendance Monitoring System, Office Management System, Training Placement, Library Management System, Hostel Management, Store Management System, Engineering Maintenance Management, Planning Development Management, Assets Management System, Security Management, Website management, Acts, Ordinance, Statutes Management, Mobile App for Students and SMS /Email Integration. It also covers various sub modules such as the following: Academics Research Academic and research component of MIS includes sub modules like Admission Management, Academics Management, Course and Curricula Management, Choice Based Credit System, Student Management System, Student Attendance Monitoring, Time Table, Students Welfare Management, Scholarship Management, Sports Cultural, PG/PhD Fellowship Management Student Fees Management, Grievance Management, Alumni Management, Student Enquiry System, Feedback System. Examination Examination system covers Examination Time Table, Pre Examination Processing, Post Examination Processing Examination, Malpractices, Result Processing, Degree Management, NAD Integration, Verification Management, and Convocation Management. HR The HR functions are taken care by modules such as Establishment Management, Faculty and Staff Recruitment, Payroll Pension Management, Leave Management, Promotion /Increment, Transfers Management, Grievance Management, Service book management, Annual Report Data Generation, Teaching Attendance, NonTeaching Attendance. Finance Entire finance operations are managed by submodules like Budget Management,</p>

Salary disbursement, Finance/Financial Management, Outsource Service and payments, Fee Management System, Advance Requisition, Advance settlements, Claims and Reimbursements, Auditing, Project / Grant Management, Cash Books and Ledger Maintenance in Finance system module. Governance Governance module consists of VC Office Management, Registrar Office Management, Administrative Office Management, Dean Office Management, Department Office Management, File Tracking and Document Management, Meeting Management, IQAC/NAAC Management, Conferences/Seminars/Workshops/ Training Programme management. Knowledge Resource The Knowledge resource management modules contain the following sub modules like Integration with library management, Library budget and equipment, Books, Journals and Periodical Procurement, Library Log register maintenance, Book bank management, Campus Interview Conduct, Schedule of training programs, Educational and Industrial Tours Management. Campus maintenance The campus maintenance system has the following essential sub modules like Hostel administration, Student Record Maintenance, Student Room allotment, Student grievances - Hostel / Mess, Purchase Management System, Inventory Management, Distribution Management, eTendering, New Building Proposals, Maintenance, complaints Tracking, Estimates and Approvals, Tendering and Work Allotment, Estate Management, Planning Development Management, Monthly Status Report Generation, Master Records, Assets Management System. Others MIS also covers Campus Security, Departmental Web Portals, Central facilities, Training and Placement, Alumni Registration, Acts, Ordinance, Statutes Management, Mobile App for Students, SMS /Email Integration, etc.,

#### Part B

#### CRITERION I – CURRICULAR ASPECTS

##### 1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year



Name of Programme	Programme Code	Programme Specialization	Date of Revision
BA	19UGENGGE	English	01/06/2019
MA	19PGENGGE	English	01/06/2019
MPhil	19MPENGGE	English	01/06/2019
BSc	19UGBCGE	Biochemistry	01/06/2019
MSc	19PGBCGE	Biochemistry	01/06/2019
MPhil	19MPBCGE	Biochemistry	01/06/2019
BSc	19UGBTGE	Biotechnology	01/06/2019
MSc	19PGBTGE	Biotechnology	01/06/2019
MPhil	19MPBTGE	Biotechnology	01/06/2019
BSc	19UGMBGE	Microbiology	01/06/2019

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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	Electrical and Electronics Engineering	01/07/2019	19153C73 - Renewable Energy Systems	01/07/2019
BTech	Electrical and Electronics Engineering	01/07/2019	19153H73P - Power Plant Engineering	01/07/2019
BTech	Electronics and Communication Engineering	01/07/2019	19152E56D - Robotics and Automation	01/07/2019
BTech	Computer Science Engineering	01/07/2019	19150C62- Artificial Intelligence	01/07/2019
BTech	Computer Science Engineering	01/07/2019	19150E75B- Machine Learning Techniques	01/07/2019
BTech	Mechanical Engineering	01/07/2019	"19154E54B- Automotive Systems "	01/07/2019
BTech	Mechanical Engineering	01/07/2019	"19154E82B-Entrepreneurship Management "	01/07/2019
BTech	Civil Engineering	01/07/2019	19155C71-Estimation, Costing And Valuation Engineering	01/07/2019
BTech	Civil Engineering	01/07/2019	19155H15P-Irrigation Engineering	01/07/2019
BCom	Commerce	01/06/2019	Marketing-	01/06/2019

**1.2 – Academic Flexibility****1.2.1 – New programmes/courses introduced during the Academic year**

Programme/Course	Programme Specialization	Dates of Introduction
Nill	Wild life conservation	01/06/2019
<a href="#">View File</a>		

**1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.**

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BCA	Computer Science	01/06/2019
BCom	Commerce	01/06/2019
BSc	Biotechnology	01/06/2019
MA	English	01/06/2019
MSc	Biochemistry	01/06/2019
MSc	Microbiology	01/06/2019
MSc	Mathematics	01/06/2019
BSc	Mathematics	01/06/2019
BSc	Physics	01/06/2019
MSc	Physics	01/06/2019
BSc	Chemistry	01/06/2019
MCom	Commerce	01/06/2019
MSc	Computer Science	01/06/2019
MSc	Computer Science	01/06/2019
BTech	Electrical and Electronics Engineering	01/07/2019
BTech	Electronics and Communication Engineering	01/07/2019
BTech	Computer Science Engineering	01/07/2019
BTech	Mechanical Engineering	01/07/2019
BTech	Civil Engineering	01/07/2019
Mtech	Power System	01/07/2019
Mtech	Communication System	01/07/2019
Mtech	Computer Science Engineering	01/07/2019
Mtech	Manufacturing Technology	01/07/2019
Mtech	Structural Engineering	01/07/2019
BBA	Management	01/07/2019
MBA	Management	01/07/2019



BEd	Education	01/06/2019
MEd	Education	01/06/2019
MPhil	English	01/06/2019
MPhil	Mathematics	01/06/2019
MPhil	Physics	01/06/2019
MPhil	Chemistry	01/06/2019
MPhil	Computer Science	01/06/2019
MPhil	Biochemistry	01/06/2019
MPhil	Biotechnology	01/06/2019
MPhil	Microbiology	01/06/2019
MPhil	Commerce	01/06/2019
BA	English	01/06/2019
BSc	Biochemistry	01/06/2019
BSc	Microbiology	01/06/2019
BSc	Computer Science	01/06/2019
MPhil	Management	01/06/2019

### 1.3 – Curriculum Enrichment

#### 1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Spoken English	01/06/2019	28
Public speaking	01/06/2019	18
Journalism	01/06/2019	12
Certificate course on Vermicompost	01/06/2019	14
Diploma in Clinical nutrition and dietetics	01/06/2019	12
Diploma Course in Agriculture Technology	01/06/2019	31
Diploma Course in MAT Lab	01/06/2019	53
Diploma Course in Web Designing and Hosting	01/06/2019	51
Diploma Course in Game Theory	01/06/2019	15
Diploma Course in Spectroscopy Techniques	01/06/2019	16
<a href="#">View File</a>		

#### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	B.Sc-Biochemistry	11
BSc	B.Sc-Biotechnology	11

BSc	B.Sc-Computer Science	60
BCA	Computer Science	60
BSc	B.Sc-Physics	2
BTech	EEE	5
BTech	ECE	19
BTech	CSE	34
BTech	MECHANICAL	60
BTech	CIVIL	23
<a href="#">View File</a>		

#### 1.4 – Feedback System

##### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

##### 1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

###### Feedback Obtained

Feedback obtained is being analyzed and utilized for overall development of the Institution : The University is having a formal mechanism to collect the following feedback from Students and various stakeholders. 1. Students Feedback on curriculum 2. Alumni Feedback on curriculum 3. Academic peer Feedback on curriculum 4. Industry personal Feedback on curriculum 5. Outgoing students Feedback on curriculum 6. Employers Feedback on curriculum 7. Parents Feedback 8. Alumni Feedback 9. Feedback on academic programme experience. 10. Feedback on course experience 11. Mid semester Feedback 12. End semester Feedback 13. Students Satisfaction Feedback 14. Feed back on Library services 15. Feed back on Examination section 16. Feed back on Training and Placement 17. Feed back on Student support services 18. Feedback on performance of teachers • Feedback on curriculum is also obtained from external examiners at the time of Central Valuation organized by the examination section. • 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 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. • The collected 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. IQAC takes the responsibility of collecting the various types of Feedbacks in time. PRIST assessment center takes the responsibility of drafting the abstract of the feedback collected. The abstract



of the feedbacks will be placed before the IQAC and also submitted to the Board of Management for information. The abstract of feedback will also be sent to the respective academic/administrative units for taking follow up action. The action taken reports will be collected by the PRIST assessment center and it will be placed before the IQAC in its subsequent meeting and also a copy of action taken report will be placed before the BOM for information.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc	Microbiology	60	54	52
BBA	Management	60	59	57
BSc	Biochemistry	30	24	24
BSc	Biotechnology	50	42	41
BSc	Physics	30	32	30
BSc	Mathematics	20	16	16
BSc	Chemistry	60	54	51
BCA	Computer Science	60	67	60
BCom	Commerce	60	63	60
BA	English	40	37	34

[View File](#)

### 2.2 – Catering to Student Diversity

#### 2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	2561	440	178	95	68

### 2.3 – Teaching - Learning Process

#### 2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
341	262	20	21	4	12

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

#### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

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. Personal and academic counseling is being offered to the

students through their department mentors available and the SFS (Student Follow Up System) Incharges. The Institution follows a best practice called SFS in which every teacher is allotted with 20 students. An exclusive format is prepared for this system. It gives the overall history of the students such as Attendance (monthly), Continuous Internal assessment marks, End semester examination marks, Details of parents visit to the Institution, Permanent/ Temporary address and Parent contact details, 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. The scheme is adapted for the value additions to the students like bridging the gap between the teachers and students, Creation of a better environment in college, where students can approach teachers for both educational and personal guidance, Enhancement of knowledge base for both teachers and students alike, due to effective two-way communication. Awareness and support to students for GATE, GRE, CAT, NET, SLET, NTPC, BSNL, and other Govt. PSUs examinations, Motivation for higher studies and entrepreneurship. Advice and support for improvement in academic performance.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3001	341	1 : 9

#### 2.4 – Teacher Profile and Quality

##### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
341	341	0	101	222

##### 2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognize bodies
2019	Dr. R. Arun Kumar	Associate Professor	Research Associateship, CSIR, GOVT OF INDIA, NEWDELHI
2019	A. Shajahan	Assistant Professor	Best Poster Award, National Conference on Recent Development in Physical Science, PSMR, PONDYCHERY
2019	Dr. Arjun Pandian	Associate Professor	Research Grant, DPT, NEWDELHI
2019	Dr. M. Vijay	Assistant Professor	Excellent performance, department of Research Innovations Sponsored Project and Entrepreneurship, Chandigarh group of colleges, Landran, Mohali, India



Nill	Dr.K.Sundar	Associate Professor	Best Presentation Award -Newton -Bhaba Fund RSC Researcher Links Workshop.
2019	DR. P.Sathya	Associate Professor	Best Paper presentation Award, RajaRamBapu Institute of Technology
2019	Dr.B.Kunjithapatham	Associate Professor	Technical Expert member for RUSA Scheme Tender Advisory Committee, Tamil University, Thanjavur.
2019	Dr.Ashutosh Das	Professor	Best Researcher Award, Moral research resource organization, MAM School of Engineering Technology, Trichy
2019	Dr.R.Sivasamandy	Professor	Best Paper Award, International conference, Parisutham Institute of Technology, Thanjavur
2020	Dr. Bakrudeen Ali Ahamed	Professor	World Record Holder Award 2020 - Health Family Welfare Moral Research and Resource Organization, Dr. Kalam Vision 2020 - All India National Development (Conference Non-Stop presentation) held at M.A.M. School of Engineering, Trichy.
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## 2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	19UGECEFT	II/I	12/08/2020	29/08/2020

[View File](#)

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
54	2973	1.82

## 2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://www.prist.ac.in/wp-content/uploads/2021/05/All-School-PEOs-POs-PSOs-COs-2019-20.pdf>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
15UGCSEFT	BTech	CSE	31	28	90.32

[View File](#)

## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://www.prist.ac.in/wp-content/uploads/2021/05/STUDENT-SATISFACTION-SURVEY-REPORT-2019-20.pdf>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Dr.S.Subashch andrabose	Post doctoral fellowship	18/12/2019	University of Padova, Italy

[View File](#)

3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
JRF-Bijesh Yadav	730	PRIST Deemed to be University
JRF-B.Nilavu	730	PRIST Deemed to be University
JRF- Varanasi Rahul	730	PRIST Deemed to be University

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### 3.2 – Resource Mobilization for Research



### 3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	DBT	19.29	6.3
Major Projects	1095	DST-ECR	21.72	9
Major Projects	1826	DST-WTI	40.26	5.69
Major Projects	1095	ISRO	33.84	3.54
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### 3.3 – Innovation Ecosystem

#### 3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Third Industry Academia Meet	Industry Institution Interaction cell	04/10/2019
Fourth Industry Academia meet	Industry Institution Interaction cell	13/03/2020
Workshop on IPR	IPR Cell	17/12/2019
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#### 3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
ARIIA.2020	Dr.TTM.Kannan .Associate Professor	Ministry of Education (MoE) -Institution Innovation Council (Govt of India) AICTE	29/07/2019	Faculty
Proof of concept (PoC)	Akesh Nandan- Final Year student (Mechanical)	Ministry of Education (MoE) -Institution Innovation Council (Govt of India) AICTE	29/07/2019	Student
Institution Innovation council award ( 2 Star rating)	PRIST School of Engineering and Technology	MHRD -Institution Innovation Council (Govt of India) AICTE	06/11/2019	Institution
Institution Innovation council award ( 4.5 Star rating)	PRIST School of Engineering and Technology	Ministry of Education (MoE) -Institution Innovation Council (Govt of India) AICTE	22/09/2020	Institution
Innovation	Dr. TTM. Kannan	MHRD	06/01/2020	Intellectual

Ambassador	.Associate Professor	-Institution Innovation Council (Govt of India) AICTE		Property Rights
Innovation Ambassador	Dr.Ashutosh Das-Professor	MHRD -Institution Innovation Council (Govt of India) AICTE	06/01/2020	Intellectual Property Rights
Innovation Ambassador	Dr.Bakrudeen ali	MHRD -Institution Innovation Council (Govt of India) AICTE	06/01/2020	Incubation
Innovation Ambassador	Dr.K.G.Selvan -Professor	MHRD -Institution Innovation Council (Govt of India) AICTE	06/01/2020	Entrepreneurial Development
Distinguished Young Scientist Award	Kundan kumar Jha-Research Scholar	Green Thinkerz-India	19/08/2020	Research Scholar
Research Excellence award	Kundan kumar Jha-Research Scholar	Institute of Scholars	12/10/2020	Research Scholar
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### 3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
SAI CADD	Er.Ilaya Perumal	PRIST -Academic Incubation Centre	-	-	20/10/2019
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## 3.4 – Research Publications and Awards

### 3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Computer Science	1
Computer Science Engineering	2
Electronics and Communication Engineering	1
Education	2
Electrical and Electronics Engineering	1
Management	1
Mathematics	2
Microbiology	1



### 3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Microbiology	5	2.62
International	Biotechnology	6	1.65
International	Biochemistry	6	3.19
International	Chemistry	12	2.06
International	Environmental Engineering	3	0.43
International	Electronics and Electrical Engineering	4	0.4
International	Mechanical Engineering	5	0.96
National	Biotechnology	1	0.21
National	Environmental Engineering	2	0.23

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### 3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Mechanical	1
Microbiology	2
Biotechnology	4
Biochemistry	4

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### 3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Goose fish pond aerator system	Published	201941033031	Nil
RO reject pressurized Water jet Nano Grinding Machine	Filed	321472-001	Nil

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### 3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
COVID-19 Impact-A Physicians Perspectiv	Prabhakar P., Punnav eetil S.	Internat ional Journal of Nutrition,	2020	4	Prist Un iversity, India Starcare	4

e	Pharmacology, Neurological Diseases	Hospital, Muscat, Oman
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#### 3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Synthesis, structural, spectral and antibacterial activity of 3,3a,4,5-tetrahydro-2H-benzoo[g]indazole fused carbathioamide derivatives as antibacterial agents	Murugavel S., Deepa S., Ravikumar C., Ranganathan R., Alagusundaram P.	Journal of Molecular Structure	2020	2	2	Department of Physics, Thanthai Periyar Government Institute of Technology, Vellore, Tamil Nadu 632 002, India Department of Physics, Government College of Engineering, Salem, Tamil Nadu 636 011, India Department of Physics, Thanthai Periyar EVR Go
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#### 3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	63	187	29	14
Presented papers	62	51	1	1
Resource persons	7	24	4	3
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#### 3.5 – Consultancy



### 3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Dr. M. Sivanantha m, Associate Professor, Dept of Physics, PRIST school of Arts and Science	Preparation of thermoelectric materials based on conducting polymers and inorganic hybrid nanomaterials	nRoot Consultancy, Thanjavur	25000
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### 3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
nil	nil	nil	0	0
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### 3.6 – Extension Activities

#### 3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Swachhta Pakhwara - Campus Play Ground Cleaning Activity	NSS Unit	1	100
Thanjavur Book Fair 2019 - Visit	NSS Unit	1	100
Observance of Sadhbhavana diwas - Harmony Day	NSS Unit	1	100
Skill Development Programme	NSS Unit	1	100
Independence Day Celebrations 2019	NSS Unit	3	100
International Literacy Day	NSS Unit	1	100
Awareness Programme on Saving Water Resources Drama	NSS Unit	1	100
NSS Orientation Programme For NSS Volunteers	NSS Unit	1	100
Awareness Program for "Seeds Collecting Forming"	NSS Unit	1	100

Observance of World Environment Day	NSS Unit	1	100
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Nil	Nil	Nil	0
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Drug free INDIA	NSS CELL THANJAVUR METRO	International Day Against Drug Abuse Awareness Rally	5	100
World environment day	NSS CELL AGRI DEPARTMENT THANJAVUR	Awareness Program for "Seeds Collecting Forming"	3	100
SWACHH BHARAT SUNDAR BHARAT	NSS CELL AGRI DEPARTMENT THANJAVUR	Tree Plantation Sapling Distribution Programme at KelavasthaChavadi Village	2	100
SWACHH BHARAT SUNDAR BHARAT	NSS CELL AGRI DEPARTMENT THANJAVUR	Tree Plantation Sapling Distribution Programme at Puthupattinam Village	2	100
Swachhta Pakhwara	NSS CELL	Village Cleaning Programme at KelavasthaChavadi Village	2	100
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### 3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Research Collaboration	Dr. Ashutosh Das	SUTRAM EASY WATER	365



Observance of World Environment Day	NSS Unit	1	100
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Nil	Nil	Nil	0
No file uploaded.			

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Drug free INDIA	NSS CELL THANJAVUR METRO	International Day Against Drug Abuse Awareness Rally	5	100
World environment day	NSS CELL AGRI DEPARTMENT THANJAVUR	Awareness Program for "Seeds Collecting Forming"	3	100
SWACHH BHARAT SUNDAR BHARAT	NSS CELL AGRI DEPARTMENT THANJAVUR	Tree Plantation Sapling Distribution Programme at KelavasthaChavadi Village	2	100
SWACHH BHARAT SUNDAR BHARAT	NSS CELL AGRI DEPARTMENT THANJAVUR	Tree Plantation Sapling Distribution Programme at Puthupattinam Village	2	100
Swachhta Pakhwara	NSS CELL	Village Cleaning Programme at KelavasthaChavadi Village	2	100
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### 3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Research Collaboration	Dr.Ashutosh Das	SUTRAM EASY WATER	365