

Part – A

I. Details of the Institution

1.1 Name of the Institution

Ponnaiyah Ramajayam Institute of Science &

1.2 Address Line 1

Trichy – Thanjavur Highway

Address Line 2

Vallam

City/Town

Thanjavur

State

Tamilnadu

Pin Code

613403

Institution e-mail address

contact@prist.ac.in

Contact Nos.

04362-265017

Name of the Head of the Institution:

Dr.N.Ethirajalu

Tel. No. with STD Code:

04362-265017

Mobile:

9443147645

Name of the IQAC Co-ordinator:

Dr.T.J. Jayasholan

Mobile:

9443407135

IQAC e-mail address:

iqac@prist.ac.in

1.3 NAAC Track ID (For ex. MHC0GN 18879)

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.

This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

1.5 Website address:

www.prist.ac.in

Web-link of the AQAR:

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	2.95	2015	5 Years
2	2 nd Cycle				
3	3 rd Cycle				
4	4 th Cycle				

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

22.06.2010

1.8 AQAR for the year

2016-2017

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR _____ NIL _____ (DD/MM/YYYY)
 ii. AQAR _____ NIL _____ (DD/MM/YYYY)
 iii. AQAR _____ NIL _____ (DD/MM/YYYY)
 iv. AQAR _____ NIL _____ (DD/MM/YYYY)

1.10 Institutional Status

University State ☐ Central ☐ Deemed ☒ Private ☐

Affiliated College Yes ☐ No ☒

Constituent College Yes ☐ No ☒

Autonomous college of UGC Yes ☐ No ☒

Regulatory Agency approved Institution Yes ☐ No ☒

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education ☒ Men ☐ Women ☐

Urban ☐ Rural ☒ Tribal ☐

Financial Status Grant-in-aid ☐ UGC 2(f) ☐ UGC 12B ☐

Grant-in-aid + Self Financing ☐ Totally Self-financing ☒

1.11 Type of Faculty/Programme

Arts ☒ Science ☒ Commerce ☒ Law ☐ PEI (Phys Edu) ☐

TEI (Edu) ☒ Engineering ☒ Health Science ☐ Management ☒

Others (Specify)

1.12 Name of the Affiliating University (*for the Colleges*)

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence UGC-CPE

DST Star Scheme UGC-CE

UGC-Special Assistance Programme DST-FIST

UGC-Innovative PG programmes Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder and community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders: Faculty

Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

- Usage of Web Tools in Teaching & Learning
- Converting Project into Research Paper

2.14 Significant Activities and contributions made by IQAC

- Organized orientation programme for the newly recruited teaching staff
- Peer Review of Teaching
- Collection of feedbacks from various stake holders
- Conducted academic audit of all departments
- Provided an action plan for Peer Tutoring and e - tutoring
- Prepared academic calendar and presented for all the schools
- Suggestions are made to make the continuous evaluation more effective

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
Prepare common guidelines for the preparation of syllabus for different UG and PG programmes.	Curriculum Development Manual
Monitoring of Academic Calendar	Monthly meeting with Deans of Schools

	and HODs
Strategies for CIA Reforms	Departments given freedom to frame internal evaluation system. General guidelines for the same are provided to the departments.
Motivate the faculty members to plan curriculum enrichment programme.	Workshop on Curriculum Reforms
Extension and out-reach programmes to ensure the capabilities of the institution are shared with the local community.	Activities organized such as, <ul style="list-style-type: none"> • Dental Camp • International Youth Day • Awareness Programme For Internet Facilities • Pan Card For Students • World Cancer Awareness Day” – Poster Designing Competition • World Science Day” – Science Quiz Competition • Free Eye Checkup • Tree Plantion • Vellaippan Swami Cleaning Work

2.15 Whether the AQAR was placed in statutory body Yes ☒ No ☐

Board of Management ☒ Academic Council ☒

Provide the details of the action taken

The AQAR was placed 27th (21.01.2017) meeting of Board of Management, 17th (23.06.2016) Planning and Monitoring Board and 18th (08.04.2017) meeting of Academic Council and the same has approved by the Members of BOM, P&M and AC for the year 2016-2017. The IQAC meetings were held regularly once in three months. The external members of the IQAC have contributed significantly for evolving strategies towards enhancement of quality in the institution. Best practices such as Course handout, PR Tutor- LMS have been identified by the IQAC and have been adopted by the institutions.

Moreover, the IQAC has organized number of workshops/ seminars during the year 2016-2017 on themes such as web tools for teaching, converting project in to research paper etc..

Further, the institution has taken initiatives to involve students also in the quality enhancement process through the constitutional Students Chapter.

Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	16	-	16	-
PG	17	-	17	-
UG	17	2	19	-
PG Diploma	6	-	6	-
Advanced Diploma	-	-	-	-
Diploma	12	10	22	-
Certificate	20	12	32	-
Others(M.Phil.)	12	-	12	-
Total	100		124	-
Interdisciplinary				
Innovative				

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	√ (100%)
Trimester	-
Annual	-

1.3 Feedback from stakeholders* (On all aspects)

Alumni ☒ Parents ☒ Employers ☒ Students ☒

Mode of feedback : Online ☐ Manual ☒ Co-operating schools (for PEI) ☐

**Please provide an analysis of the feedback in the Annexure*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

No Revision of syllabus for the existing programmes

Curriculum designed and developed for B.Sc. Agriculture and B.Arch.programmes

1.5 Any new Department/Centre introduced during the year. If yes, give details.

- School of Agriculture- B.Sc. Agriculture- 4 Year duration
- School of Architecture- B.Arch. – 5 Year duration

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
241	155	52	34	-

2.2 No. of permanent faculty with Ph.D.

99

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
-	-	-	-	-	-	-	-	-	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

NIL

NIL

-

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	05	22	81
Presented papers	-	16	64
Resource Persons	-	02	15

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- POGIL
- Bloggers
- Cam Studio
- Blended Learning
- Role Play
- Micro Lectures
- Video Based Learning(NPTEL)
- Experiential Learning
- Prezi
- Dupli checker

2.7 Total No. of actual teaching days during this academic year

210

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Online Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

- To assure quality and integrity of the evaluation process, Dummy Number System and Double Valuation methods are followed
- ICT has been introduced for effective management of Examination system in our Institution to assure great efficiency, transparency and reliability.
- Online Certificate Verification System has been introduced to facilitate expeditious Verification of Students Certificates
- Online line generation of Examination Application forms and Hall tickets is introduced.
- Online conduct of Examinations has also been implemented for value addition/COMPS Courses in the Curriculum
- 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. Results are processed and declared within 15 days from the date of Completion of the valuation process.

2.9 No. of faculty members involved in curriculum restructuring/ revision/ syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

109	109	67
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2.10 Average percentage of attendance of students

84.4%

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.Tech. Civil	37	19	70	5	-	95
B.Tech. CSE	22	4	77	-	-	82
B.Tech.ECE	12	17	67	-	-	83
B.Tech. EEE	10	10	90	-	-	100
B.Tech. Mechanical	60	22	62	3	-	87
M.Tech. Structural Engg.	12	17	67	-	-	83
M.Tech. Envi. Engg.	4	75	25	-	-	100

M.Tech Power Systems	4	25	75	-	-	100
M.Tech. Manu.Tech.	7	14	86	-	-	100
M.Tech Communication Systems	2	-	100	-	-	100
M.Tech. CSE	9	44	56	-	-	100
B.Sc. Mathematics	11	27	73	-	-	100
B.Sc.Comp. Sci.	22	27	68	-	-	95
B.C.A	55	24	58	2	-	84
M.C.A	28	25	75	-	-	100
B.Com.	32	34	59	-	-	94
B.B.A	29	45	52	-	-	97
M.B.A	12	25	67	-	-	92
B.Ed.	60	33	60	-	-	100
M.Ed.	10	30	70	-	-	100
M.Phil. Bio Chemistry	2	50	50	-	-	100
M.Phil. Chemistry	3	33	67	-	-	100
M.Phil. Commerce	5	-	100	-	-	100
M.Phil. Computer Science	12	17	67	-	-	100
M.Phil. Education	4	50	50	-	-	100
M.Phil.English	44	23	57	-	-	100
M.Phil. Mathematics	6	33	67	-	-	100
M.Phil. Management	7	29	71	-	-	100
M.Phil. Physics	5	40	60	-	-	100
M.Phil. Tamil	4	75	25	-	-	100
M.Phil.Microbiology	1	-	100	-	-	100

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

IQAC ,

- Offer suggestions to follow the best pedagogy for teaching and learning process based on feedback from stake holders, Class committee meeting, Peer Review of Teaching etc.
- Ensures the collection of feedback from all stake holders on curriculum and teaching learning processes
- Analyze the end semester examination results, Evaluate root cause analysis and action for remedy
- Monitors the teaching and learning process through lesson plan, course material, analysis of the continuous assessments, conduct of theory and practical courses, internal academic audit, etc.
- Conduct internal as well as external academic audit to identify the strength, weaknesses, opportunities and challenges of all departments in teaching learning and evaluation process.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	05
UGC – Faculty Improvement Programme	04
HRD programmes	17
Orientation programmes	05
Faculty exchange programme	NIL
Staff training conducted by the university	62
Staff training conducted by other institutions	22
Summer / Winter schools, Workshops, etc.	54
Others	10

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	103	-	-	-
Technical Staff	61	-	-	-

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

Increased duration of leave for research interaction with other institutions, institute fellowship to full-time research scholars, encouragement for sabbatical leave for research

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- Workshop on “Converting project into research article”
- One day National Workshop cum hands-on training program on **ART OF JOURNAL WRITING – CONCEPTS, STRUCTURES AND RESOURCES**

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	1	1	10
Outlay in Rs. Lakhs	--	15.83	21.56	140,4

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number				
Outlay in Rs. Lakhs				

3.4 Details on research publications

	International	National	Others
Peer Review Journals	111	10	-
Non-Peer Review Journals	-	-	-
e-Journals	103	10	-
Conference proceedings	2	2	-

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	3	DBT	15.83	5.23
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects <i>(other than compulsory by the University)</i>				
Any other(Specify)				
Total				

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges Autonomy CPE DBT Star Scheme
INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences
organized by the Institution

Level	International	National	State	University	College
Number	--	11			
Sponsoring agencies		Institute			

3.12 No. of faculty served as experts, chairpersons or resource persons

7

3.13 No. of collaborations

International

National

Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency

From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	2
	Granted	
International	Applied	
	Granted	
Commercialised	Applied	
	Granted	

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
01	-	1	-	-	-	-

3.18 No. of faculty from the Institution
who are Ph. D. Guides
and students registered under them

93

219

3.19 No. of Ph.D. awarded by faculty from the Institution

44

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF

SRF

Project Fellows

Any other

6

3.21 No. of students Participated in NSS events:

University level	512	State level	47
National level	-	International level	-

3.22 No. of students participated in NCC events:

University level		State level	
National level		International level	

3.23 No. of Awards won in NSS:

University level		State level	
National level		International level	

3.24 No. of Awards won in NCC:

University level	-	State level	-
National level	-	International level	-

3.25 No. of Extension activities organized

University forum	12	College forum	
NCC		NSS	28
		Any other	8

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Free Deepavali Dress to the 1200 Poor Children
- Free Education to the poor in Gurukulam(Vedaranyam)
- Mega Science Exhibition for School Children

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	27.325acres	-	-	27.325acres
Class rooms	103	04	-	107
Laboratories	33	-	-	33

Seminar Halls	05	-	-	05
No. of important equipments purchased (≥ 1 -0 lakh) during the current year.	06	-	-	06
Value of the equipment purchased during the year (Rs. in Lakhs)	Rs.10Lakhs	-	-	1009737
Others	18.7Lakhs	-	-	1877740

4.2 Computerization of administration and library

Library and specific areas of administration partially automated

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	56813	2,50,42,174	2726	11,23,112	59539	2,61,65,286
Reference Books	26272	1,15,92,768	315	1,29,780	26587	1,17,22,548
e-Books	23334	25,000	8500	30,000	31,834	55,000
Journals			133	3,02,000	133	3,02,000
e-Journals			76560	9,00000	76,560	9,00000
Digital Database	-	-	-			
CD & Video	1400	2,500	271	3800	1671	4,171
Others (Magazines & News Papers)	24&6	12,600	35&4	49,250	59&10	61,250

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres
Existing	922	10	35 Mbps	2	2
Added	-	-	-	-	-
Total	922	10	35 Mbps	2	2

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- ❖ Centre for Knowledge Management organized various Training programmes, Workshops, seminars in various categories such as Role of Web 2.0 Technology in higher education, Development of E-learning Material through Course blogs for teaching staff, non-teaching staff and students.
- ❖ Students are regularly trained for upgrading the computer based Technology.

4.6 Amount spent on maintenance in lakhs :

i) ICT	Rs.23.56 Lakhs
ii) Campus Infrastructure and facilities	Rs. 248.40 Lakhs
iii) Equipments	10.83 Lakhs
iv) Others	32.44 Lakhs
Total :	291.66 Lakhs

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Motivating students to become entrepreneur through e- learning incubator
- Establishment of Robotics Club
- Introduction of Certificate Course on Cloud Computing and IOT
- Short term Course on POGIL Programme
- Awareness Programme on NPTEL online courses
- Students video Profiling

5.2 Efforts made by the institution for tracking the progression

- Attendance, performance of continuous assessment and end semester examination are analyzed and appropriate action taken.
- Feedback is collected from the students regarding their progression.
- Interaction with students in alumni meetings
- Passed out students progression is tracked by the Placement & Training Cell.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others(M.Phil)
623	80	47	103

(b) No. of students outside the state

82

(c) No. of international students

11

Men	No	%	Women	No	%
	485	69		218	31

No	%
218	31

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
185	21	02	307	03	518	236	19	03	444	01	703

Demand ratio 12:7

Dropout % Less than 1%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- Department of Mathematics conducting add on course on spoken English
- School of education offering special coaching to NET/TRB
- Engineering departments organizing special coaching programmes to GATE
- Training department giving special training on Group Discussion and Interview to final year

No. of students beneficiaries

180

5.5 No. of students qualified in these examinations

NET	9	SET/SLET	5	GATE	17	CAT	-
IAS/IPS etc	-	State PSC	-	UPSC	-	Others	-

5.6 Details of student counselling and career guidance

Academic Counselling
Pre examination counselling
Peer counselling
SFS incharges
Career guidance and counselling cell

No. of students benefitted

380

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
59	388	325	-

5.8 Details of gender sensitization programmes

- Awareness programme on stress management
- International Women's day Programme

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	35	5,89,500
Financial support from government	-	-
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: No Such grievances reported

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

To be internationally recognized Institution for its excellence of academic programmes, for its high quality teaching across a broad range of disciplines, for its efforts in promoting world class research and for its community service in making quality and flexible higher education to reach wider community.

Mission:

1. To dedicate to the communication, expansion and integration of knowledge through excellent undergraduate education as its primary priority and complementary excellent post graduate academic programmes.
2. To offer quality professional education opportunities which are accessible, flexible and borderless.
3. To have a distinct academic approach that emphasizes professional education fosters high achievement and promotes original inquiry, innovation and collaboration.
4. To make the Institution Campus as a Centre of Academic Excellence where high quality research and high quality teaching are mutually sustaining.
5. To develop graduates with ethical and moral values who may be positioned to meet the challenges of a rapidly changing world.
6. To create fulfilling experiences for all students based on commitment of skilled and caring teaching faculty.
7. To aspire to contribute to our nation's economic growth, social development and sustainability.

6.2 Does the Institution has a management Information System :Yes

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- Flexibility Infused Credit System
- Outcome based Education
- Feedback from stakeholders
- Departmental academic committees constituted to study in detail the extent of changes required in curriculum and evaluation based on the feedbacks obtained.
- Constituted Board of Studies in all disciplines and conducted their meeting for finalising the curriculum design.
- External experts form Industry and Intuition in Board of Studies
- Curriculum revision to meet the industry demands

- Gaps identified in the curriculum are bridged by organising guest lecture/seminars and workshops.
- Faculty members regularly attending international conferences to get ideas about the latest developments and it is used in the curriculum development of programmes.

6.3.2 Teaching and Learning

- Academic calendar, class time table, e content, lab manuals
- Bridge courses and Semester preparatory courses
- Advanced learners facilitate with extra credit courses, peer tutor and challenging assignments
- Slow learners are given special coaching, re-test/Make up test, Supplementary examination and peer tutoring and counselling
- Every department offering add on courses in Diploma/Certificate level on emerging areas.
- Use of web tools for teaching

6.3.3 Examination and Evaluation

- Internal assessment: End-semester exam = 40:60.
- Cycle tests/ / Model examination/ Assignments/ Attendance/ Industrial Training for internal assessment.
- Double Valuation
- Supplementary examination
- Central valuation for end semester examinations.
- Results processing publication within 15 days from the date of last exam.

6.3.4 Research and Development

- Ph.D programs in all disciplines.
- Funded projects by industries / government departments/ industries.
- University Scientist forum
- University Journal
- MOUs with International Organizations
- Award/ filing of patents.
- Publication in peer reviewed journals.
- Seed money for research
- Workshops to increase the research capability of the scholars and teachers

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Wifi enabled campus
- Well Equipped central laboratory with NPTEL workstations
- Digital library with INFLIB NET and EBSCO Host facility is operational
- Proper Maintenance of lab equipment

6.3.6 Human Resource Management

Efforts for Professional Development of Teaching Staff

- The University permits the faculty members to acquire higher degrees and encourages them to register for their Ph.D program
- It also provides „on duty“ facilities to undergo course work and carry out research activities in industry or in other universities/research centers.
- The University provides funds to acquire necessary equipment to carry out their research • Faculty members are permitted to go abroad on leave to pursue their Post Doctoral Fellowship (PDF) programs for maximum period of two years
- Faculty members are also granted sabbatical leave for assignments in Universities abroad for two years in order to get acquainted with international practices
- They are encouraged to publish papers in national and international journals, author text-books and obtain funded projects and are given cash incentives
- They are also encouraged to present their research papers in international conferences. The management sponsors the registration fee and traveling expenditure
- University provides in-house Research Grants to carryout Pilot Projects to demonstrate technical feasibilities of innovative ideas
- All the departments are encouraged to organize national and international seminars / conferences and workshops
- Faculty members are sent to faculty development programs for getting additional training. The trained faculty members are encouraged to impart training to other faculty members
- Faculty members are trained by Mission 10X, NITTTR and NPTEL with innovative teaching techniques beyond the conventional methods of teaching
- The University also has an exclusive faculty training academy which caters to the training needs of faculty

Efforts for Professional Development of Supporting Staff

- The supporting staffs are encouraged to acquire higher degrees and were given on duty facilities. Several supporting staff members have registered for their undergraduate/postgraduate.
- The Institution arranges courses for nonteaching staff to enhance their professional quality.
- Computer training program are organized periodically for the Administrative and Technical Staff

6.3.7 Faculty and Staff recruitment

- Well defined policy and process for faculty and staff recruitment
- Interview panel consisting of external / internal experts.

- Advertisement in leading national dailies.
- Submission of resume.
- Selection of faculty members are based on the UGC norms.

6.3.8 Industry Interaction / Collaboration

- A dedicated Institute Industry Interaction Cell (IIIC) headed by the Chairperson.
- Collaborative MoUs with 42 industries in India and Abroad.

6.3.9 Admission of Students

Well Defined Admission Process and Centralized Admission Committee

- Issue of Application
- Counseling and Guidance
- Document Submission
- Release of Merit List
- Provisional Selection
- Certificate Verification
- Fees Remittance
- Confirmation of Admission

6.4 Welfare schemes for

Teaching Staff

- Medical Facility
- Sabbatical Leave
- Maternity leave for female faculty members
- Seed money for research
- Financial assistance for conference presentation and journal publications
- Group Insurance
- All of them are enrolled in the scheme of Employees provident fund.
- Wards of the staff members are admitted to programme in the University with fee concession

Non-Teaching Staff

- Medical Facility
- Maternity leave for female faculty members

- All of them are enrolled in the scheme of Employees provident fund.
- Wards of the staff members provided free education

Students

- Group Insurance
- Financial assistance for Innovative projects
- Financial Assistance for participation in seminar/symposium/conference and other intercollegiate events.
- Merit Scholarship
- Wifi facility
- Hostel & Temple
- Gym & Yoga
- NPTEL Online Examination
- Special Coaching for competitive examination

6.5 Total corpus fund generated

Rs. 5 Crores

6.6 Whether annual financial audit has been done Yes

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	ISO	Yes	School/Dept
Administrative	Yes	Ext.Auditor	Yes	Internal Auditor

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes

For PG Programmes Yes

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- Continuous Internal Assessment with 40% weightage
- 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 followed
- Double Valuation followed
- Online Certificate Verification System introduced
- Online line generation of Examination Application forms and Hall tickets is introduced.
- Online conduct of Examinations has also been implemented for value addition Courses in the Curriculum.
- The institution has introduced the system of question paper quality index and reliability index to assess the quality of testing instruments.
- Academic Grievance redressal committee available
- Well structured Examination Committee and Flying Squads
- Staff Members working in the Examination Section are prohibited to carry Mobile Phones, Pen drive, Laptop, iPad and other Electronic gadgets into the Examination Section office premises.
- 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.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

Not applicable

6.11 Activities and support from the Alumni Association

- Feedbacks collected from Alumni taken in to consideration for curriculum revision
- Alumni are included as a member of Board of Studies (BoS) at department level.
- The expertise of alumni is utilized for seminars, guest lectures and curriculum reformation.
- Alumni also nominated as member in Academic Council
- Alumni supports for placement.

6.12 Activities and support from the Parent – Teacher Association

- Feedback on various processes
- Collective efforts to reforming erring students

- Parent occupying prestigious official / social positions helping the institute on various areas
- Parents are often meeting the course teacher, class advisor, and HOD for discussing attendance and academic performance. They also give feedback about the university which is used for taking certain policy decision and making suggestions for improvement.

6.13 Development programmes for support staff

- The supporting staffs are encouraged to acquire higher degrees and were given on duty facilities. Several supporting staff members have registered for their undergraduate/postgraduate.
- The Institution arranges courses for nonteaching staff to enhance their professional quality.
- Computer training program are organized periodically for the Administrative and Technical Staff

6.14 Initiatives taken by the institution to make the campus eco-friendly

- Usage of Plastics avoided inside the campus
- Rainwater harvesting
- Bio gas plant
- RO Plant
- Solar powered library
- Green campus
- Minimising use paper
- LED lamps

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

1. PR-Tutor- Learning Management System- Indigenous software developed by the institution for monitoring/tracking the academic performance
2. Small Group Instructional Diagnosis

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- Conducted a workshop on “ Complete transformation to Learner centric approach
- Conducted a workshop on “CIA Reforms”
- Course matrix prepared for all courses
- Number of students registered for NPTEL online examination increased

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

- Course Handout
- Supervisory assessment

7.4 Contribution to environmental awareness / protection

- Green Audit
- Energy conservation
- Use of renewable energy
- Water Harvesting
- Efforts for Carbon neutrality
- Plantation
- Hazardous waste management
- e-waste management

7.5 Whether environmental audit was conducted? Yes

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Areas of strength:

- Dedicated and visionary management and staff
- Good physical infrastructure
- Good student support activities
- Campus is green and follows green environment policies
- Professional incentives to faculty members
- Good academic and administrative ambience
- Uninterrupted power supply both in hostel and in Institution premises
- Good rapport with stake holders
- Participative management culture
- Rain water harvesting

Areas of Weakness:

- Limited sponsored and consultancy services
- Rural background and less students enrolment
- Lack of 12B status from UGC

8. **Plans of institution for next year**

- To apply to UGC for securing 12B status
- To provide unique official webmail ID to all the faculty
- Unique user portal Mail ID to all the students
- To motivate the students to apply patent for their innovative projects
- To introduce Honors degree programme in various Schools.
- To introduce more integrated and inter-disciplinary programmes in the School of Engineering & Technology
- To further strengthen the collaboration with industrial organizations to improve placement and campus recruitment
- Patenting of Intellectual Rights
- To incorporate Foreign Language Learning Programs
- To strengthen Central Instrumentation Facility
- To motivate the faculty and administrators to make use of Cloud Computing Technology for teaching, learning and other works.
- To motivate the faculty to make use of Internet of Things(IOT) for effective teaching and learning
- To attract funding for research through sponsored research projects

Name _____

Name _____

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC