ANNUAL QUALITY ASSURANCE REPORT

AQAR 2016-2017

ANNA UNIVERSITY

CHENNAI – 600 025

INTERNAL QUALITY ASSURANCE CELL (IQAC)

www.annauniv.edu, Ph: 22358993

ANNUAL QUALITY ASSURANCE REPORT (AQAR)

JULY 2016 – JUNE 2017

This is the AQAR prepared by IQAC of Anna University, for the four campuses of Anna University in Chennai, namely: CEG, MIT, SAP and AC TECH. The report relates to the period July 2016 – June 2017. This has been prepared under the direction of the Registrar, Anna University and with inputs from various officials of Anna University, in accordance with the National Assessment and Accreditation Council Guidelines (IQAC-2017-revised.doc), for the submission of Annual Quality Assurance Report (AQAR) of IQAC in accredited institutions,.

FOREWORD

I am pleased to present the AQAR of Anna University confining to the four campuses of Anna University in Chennai, namely: CEG, MIT, SAP and AC TECH, for the year 2016-2017 in accordance with the guidelines of National Assurance and Accreditation Council – An Autonomous Institution of the University Grants Commission (IQAC-2017-revised.doc), for the submission of Annual Quality Assurance Report (AQAR) in accredited institutions. The University has made significant strides in teaching, research and extension activities and has achieved pre-eminent position at international levels. The AQAR has been duly compiled and reported.

I thank all the members of the Syndicate and every individual working in Anna university whose contributions have made this University to achieve this stature and look forward to the continued co-operation, advice and guidance from all sectors.

25/11/16

Prof. Dr. S. GANESAN

REGISTRAR

CONTENTS

Sl. No.	Description	Page No.
	PART A	
1	**Details of Institution**	6
2	**IQAC Composition and Activities**	11
	PART B	
4	**Consolidated details at University level**	18
5	**Department-wise details - CEG Campus**	64
5.1	Civil Engineering	
	5.1.1 Dept. of Civil Engineering	65
	5.1.2 Centre for Water Resources	66
	5.1.3 Centre for Environmental Studies	71
	5.1.4 Division of Structural Engineering	75
	5.1.5 Division of Soil Mechanics & Foundations Engg	79
	5.1.6 Institute of Remote Sensing	82
	5.1.7 Institute of Ocean management	85
	5.1.8 Transportation Engineering	92
5.2	Mechanical Engineering	95
5.3	Industrial Engineering	113
5.4	Manufacturing Engineering	117
5.5	Mining Engineering	121
5.6	Printing technology	125
5.7	Electrical and Electronics Engineering	129
5.8	Electronics and Communication Engineering	132
5.9	Computer Science and Engineering	135
5.10	Information Science and Technology	139
5.11	Mathematics	143
5.12	Physics	146
5.13	Chemistry	149
5.14	English	153
5.15	Geology	157
5.16	Media Science	161
5.17	Management Studies	164
5.18	Medical Physics	167

Sl. No.	Description	Page No.
	Department-wise details - MIT Campus	**170**
5.19	Aerospace Engineering	171
5.20	Automobile Engineering	175
5.21	Production Technology	179
5.22	Instrumentation Engineering	183
5.23	Information Technology	192
5.24	Computer Technology	196
5.25	Electronics Engineering	200
5.26	Rubber and Plastics Technology	204
	Department-wise details - A.C.Tech Campus	**205**
5.27	Chemical Engineering	206
5.28	Ceramic Technology	210
5.29	Textile Technology	214
5.30	Bio Technology	218
5.31	Applied Sciences and Technology	222
	Department-wise details - SAP Campus	**225**
5.32	Architecture	226
5.33	Planning	230
	Annexure I - Report of Extension Activities	
	(i) NCC activities	234
	(ii) NSS activities	237
	(iii) YRC activities	240
	(iv) Extension Activities with societal engagements and Institutional Social Responsibility	243
	(v) Scholarships	246
	Annexure II - Programme-wise Pass Percentage	250

PART A

INSTITUTION DETAILS AND IQAC COMPOSITION

PART – A

1. DETAILS OF THE INSTITUTION

1.1 Name of the Institution	Anna University
1.2 Address Line 1	Sardar Patel Road
Address Line 2	Guindy
City/Town	Chennai
State	Tamil Nadu
Pin Code	600025
Institution e-mail address	Registrar: registrar@annauniv.edu IQA Cell: iqac@annauniv.edu
Contact Nos.	Registrar: 044-22352161 IQAC Director: 044-22358993
Name of the Head of the Institution:	Prof S.Ganesan
Tel. No. with STD Code:	044-22357004 (Office) 044-42087713 (Residence)
Mobile:	9444412270
Name of the IQAC Co-ordinator:	Prof. T. Thyagarajan
Mobile:	9444104850
IQAC e-mail address:	iqac@annauniv.edu thyagu_vel@yahoo.co.in

1.3 NAAC Track ID TNUNGN10048

1.4 NAAC Executive Committee No. & Date: EC (SC)/RAR/03/08

1.5 Website address: www.annauniv.edu

Web-link of the AQAR: http://www.annauniv.edu/pdf/AQAR2015-16.pdf

1.6 Accreditation Details

Sl.No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	5 Star Level		2002	2007
2	2nd Cycle	**A**	**3.46**	**2014**	**2019**
3	3rd Cycle	-	-	-	-
4	4th Cycle	-	-	-	-

1.7 Date of Establishment of IQAC :DD/MM/YYYY 31.10.2012

1.8 AQAR for the year 2016-17

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

i. AQAR 2015-16 22.12.2016 (Guidelines 2014)
ii. AQAR 2014-15 01-03-2016
iii. AQAR 2013-14 07-07-2014
iv. AQAR 2012-13 07-07-2014
v. AQAR 2011-12 07-01-2013
vi. AQAR 2010-11 07-01-2013
vii. AQAR 2009-10 07-01-2013
viii. AQAR 2008-09 07-01-2013
ix. AQAR 2007-08 07-01-2013

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 (PhysEdu)** [ ]

TEI (Edu) [ ] **Engineering** [√] **Health Science** [ ] **Management** [√]

Others (Specify) Architecture and Planning

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

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 – SAP/CAS/DRS
DST – NHHID
DBT SCHEMES
MHRD - CEMA
DST (PURSE)
BIRAC
NCSCM
UIC

UGC-COP Programmes

UGC – UPE : University with Potential for Excellence –
[UGC Sanction F.No.1-1/2016 (NS/PE) dated 28.3.2017]

UGC – SAP/CAS/DRS : Special Assistance Programme / Centre for Advanced Studies / Departmental Research Support

DST – NHHID : National Hub for Healthcare Instrumentation Development

DBT SCHEMES : (i) Enhancing Research Capacity & Integrated M.Tech & Ph.D programmes in Food Technology
(ii) M.Tech BioTechnology Teaching Programme
(iii) BioTechnology Information Systems

MHRD - CEMA : Centre of Excellence for Training and Research in Biomedical Applications

DST - PURSE : Promotion of University Research and Scientific Excellence

BIRAC : Biotechnology Industry Research Assistance Council

NCSCM : National Centre for Sustainable Coastal Management

UIC : University Innovation Cluster

2. IQAC COMPOSITION AND ACTIVITIES

2.1 No. of Teachers	5
2.2 No. of Administrative/Technical staff	1
2.3 No. of students	1
2.4 No. of Management representatives	1
2.5 No. of Alumni	1
2. 6 No. of any other stakeholder and community representatives	1
2.7 No. of Employers/ Industrialists	1
2.8 No. of other External Experts	1
2.9 Total No. of members	13
2.10 No. of IQAC meetings held	1

2.11 No. of meetings with various stakeholders: No. 7 **Faculty** 7

Non-Teaching Staff 1 **Students** 1 **Alumni** 1 **Others** -

2.12 Has IQAC received any funding from UGC during the year ?

Yes √ **No**

If yes, mention the amount Rs.86,000/-

Sponsorship received from NAAC HQ, Bengaluru for conducting 2-day National level "NAAC Awareness Seminar / Training Programme on Quality System in Higher Education" during 29-30 Sep, 2016.

2.13 Seminars and Conferences (only quality related)

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

Total Nos. 2 **International** - **National** 1 **State** -

Institution Level 1

Themes

National Level: NAAC Awareness Seminar /Training on Quality Education Systemin Higher Eductaion

Institution Level: Modern office Management for Administrative Staff of Anna University

2.14 Significant Activities and contributions made by IQAC

National Level Seminar for Faculty Members:

A two day NAAC Awareness Seminar /Training on Quality Education System in Higher Eductaion co -sponsored by NAAC Bangalore was conducted by IQAC cell of Anna University on 29 th and 30 th September 2016. A total of 121 people participated in this seminar. The Principals, Professors and Assistant Professors of various colleges from India are the participants of Seminar.

Institution Level Training Programme for Non-teaching Staff Members:

IQAC and Centre for University-Industry Collaboration (CUIC) jointly organized a Training Programme on "Modern office Management" for the benefit of University Administrative Staff from 02.11.16 to 11.11.16. Around 91Administrative staff members from various Departments participated in this programme .

Details of Quality Related Training programmes conducted by AU-TVS Centre for Quality Management:

Sl.No	Training Programme	Date
1.	Lean Leadership	25, 26, 27 June & 9, 10, 11 July 2016
2.	Six Sigma Black Belt	30, 31 July & 6, 7, 3, 14,15,20,21,27,28,29 August 2016
3.	Lean Manufacturing for students	27 August 2016
4.	Students certificate course on 7 habits to excel in academic performance	28 August 2016
5.	Six Sigma Yellow Belt	16 September 2016
6.	Six Sigma Green Belt e	16, 17, 18 & 24, 25, 26 September 2016

7.	Six Sigma Black Belt	23, 24, 25, 26 September & 1, 2, 8, 9, 15, 16, 22, 23 Oct 2016
8.	Total Productive Maintenance	3 & 4 September 2016
9.	Six Sigma Green Belt Programme–	3, 4, 10, 11 & 12 December 2016
10.	Six Sigma Yellow Belt	11 December 2016
11.	Six Sigma Yellow Belt	7 January 2017
12.	Six Sigma Black Belt	27, 28, 29 January & 3, 4, 5, 11, 12, 13, 18, 19, 20 February 2017
13.	On Becoming a Leader	29 January 2017
14.	Six Sigma Green Belt	27, 28, 29 January & 4, 5 February 2017
15.	Six Sigma Green Belt	3, 4, 5 & 11, 12 13 March 2017
16.	Six Sigma Yellow Belt	5 March 2017
17.	Q Quest 17 for Companies	18 March 2017
18.	Six Sigma Green Belt	7, 8, 9 & 15, 16, 17 April 2017
19.	Six Sigma Green Belt	16, 17, 18 & 24, 25, 26 June 2017
20.	Six Sigma Yellow Belt	18 June 2017
21.	Six Sigma Black Belt	16,17,18,24,25, June & 1, 2, 8, 9, 15,16,17 July 2017
22.	Six sigma Green belt Certificate Programme for LUCAS TVS LTD	23, 24, 25 June & 8, 9, 10 July 2017

- Beneficiaries - Students, Faculty and Company Employees for a batch size upto 20 for each of the programme
- Resource Faculty - Expert panel of Resource Faculty as in page 2.

LIST OF EXPERT PANEL OF RESOURCE FACULTY

Sl.No	Name & Designation
1.	Dr.K.Narashiman, Director, AU TVS CQM
2.	Dr. D.Arivudai Nambi, Associate Professor, Dept. of Maths, Anna University
3.	Dr. N.Ravichandran, Former Exe. Director, Lucas TVS
4.	Dr. N.Ganesan, Prof. IIT Madras
5.	Mr.R.Vasu, Sr.Vice President, Brakes India Ltd
6.	Dr. S.Rajkumar, Vice President Rane Engine Valve Ltd.,
7.	Mr.R.S.Ramesh ,Divisional Manager, Wheels India
8.	Mr.P.S.Satyanarayanan, Advisor, Sundaram Clayton Ltd.
9.	Prof.S.Ramadoss, Chief Human Resource Officer,Lucas TVS
10.	Dr.A.J.Jegadheeson,,Sr Manager,Lucas TVS
11.	Dr.Arshinder Kaur, Associate Professor, Dept of Mgmt Studies, IIT Madras
12.	Mr.Vijayakumar G S, Director Delivery Excellence, CTS
13.	Dr. L.Prakash Sai, Professor, IIT Madras,
14.	Dr. K.V.Vijayashree, Assistant Professor,Dept. of Maths
15.	Mr.Dakshinamoorthi G, Senior Manager – Delivery Excellence Team, CTS
16.	Mr.S.Gopinath, Associate Professor, Sri Venkateswara Engineering College
17.	Mr.Aravindan, Visiting Faculty, Anna University
18.	P.Satheeson, Scientist E, Ministry of Electronics and Information Technology, Govt. of India

Other Quality related Activities:

Apart from the above, IQAC has consistently participated in the quality initiatives / sustenance / enhancement activities of the university in terms of the following

- Conduct of Academic Audit.
- Submission of application to UGC / DST and other national agencies by the departments for securing funding at various tiers, as applicable.
- Facilitating the process of Accreditation / Reaccreditation of five programmes offered by the University.
- Submission of Application for National Institute Ranking Framework(GOI)

Milestones Achieved:

The various milestones and achievements of the University in terms of infrastructure, Ranking & recognitions, Research & Development, Training programmes / conferences, MoUs signed and Grants received under various schemes as listed below:

Ranking : The ranks obtained by Anna University in MHRD-based National Institutional Ranking Framework (NIRF) - 2017, under various categories are listed below:

- **University : 06**
- **Engineering : 08**
- **Overall ranking : 13**
- **Management : 23**

Meeting with Minister of Higher Education: IQAC Director Dr T.Thyagarajan and Anna University Officials briefed about NIRF Ranking 2017 to Thiru K.P. Anbalagan Honourable Minister of Higher Education, Tamil Nadu and Mr. Sunil Paliwal IAS, Principal Secretary and Commissioner for Technical Education, Tamil Nadu.

Recognitions: The ranks secured by Anna University under QS Ranking 2016 are listed below:

- **Subject-wise ranking:**
    - Mechanical, Aeronautical & Manufacturing Engg : 151-200
    - Computer Science Engineering : 401-500

- **Region-wise ranking:**
  - Asia region : 251-300
  - BRICS countries :151-200

NBA Accreditation: NBA accreditation has to be mandated for all the courses offered. Anna University has applied for accrediation from National Board of Accrediation. The competent authority of NBA has approved the following accrediation status to the programmes as given in the table

S.No	Name of the Programme (UG)	Accreditation Status	Period of Validity
1	Electronics and Communication Engineering	Provisional Accredited	Academic Years 2016-2017 to 2018-2019 i.e, upto 30.06.2019
2.	Electronics & Instrumentation Engineering	Accredited	Academic Years 2016-2017 to 2021-2022 i.e, upto 30.06.2022
3.	Aeronautical Engineering	Accredited	
4	Automobile Engineering	Accredited	

IQAC Booklet: **:** IQAC Cell publishes a comprehensive IQAC Booklet and the same was circulated to various centres and Departments of Anna University.

IQAC Website: A link was created in the Anna University website for IQAC. The information about AQAR , NAAC , composition of IQAC cell etc are avilable. The webpage is updated periodically.

Grants Received:

No	Schemes	Funds Recd (Rs.)
1	UGC-SAP	5,25,07,607
2	DST - FIST	2,90,50,000
3	DST - NHHID	1,00,68,914
4	DBT - M.Tech Biotechnology	51,20,589
5	DBT - M.Tech Food Technology	45,00,000
6	DBT - BTIS	17,09,400
7	DBT - Builder Programme	56,25,846
	Total	**10,85,82,356**

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	Outcome
Conduct of NAAC Awareness Training / Seminar	A two day NAAC Awareness Seminar /Training on Quality Education System in Higher Eductaion co - sponsored by NAAC Bangalore was conducted by IQAC cell of Anna University on 29 th and 30 th September 2016.
Training Programme for Administrative Staff	IQAC and CUIC jointly organized a Training Programme on "Modern office Management" for the benefit of University Administrative Staff from 02.11.16 to 11.11.16.
Prchase	Purchases of Furniture , Equipment and consumables for IQAC Office.
Academic Audit	Academic Audit was conducted and the report was shared with the concerned Stakeholders.
Data collection consolidation and updating the university details for NIRF ranking.	National Institute of Ranking Framework(GOI) has ranked Engineering Discipline in 8th position, Management Discipline in 23rd Position ,university category in 6th position and overall category of Anna University in the 13th position
IQAC Booklet	IQAC Booklet was Published
IQAC Website	IQAC website was created and is continuously updated.
Revision of Finance & Accounts Manual.	Meeting was conveyed for the revision of Finance and Accounts Manual .
Research Journal Publication	The second edition of Anna University Research journal is in advanced stage of Publication

2.16 Whether the AQAR was placed in statutory body Yes [√] No [ ]

Management [√] Syndicate [√] Any other body [√]

Provide the details of the action taken

- Around 120 faculty members from 44 Higher Education Institutions across the country, participated in the two-day NAAC Awareness Seminar /Training on Quality Education System in Higher Education, conducted by IQAC and co-sponsored by NAAC, Bengaluru. The contents of the seminar helped the participants to enhance their knowledge on quality initiatives, quality sustenance and quality enhancement and disseminate the same in their institutions.
- Around 300 administrative staff members of Anna University benefitted from the training programme on "modern office management".
- Subsequent to the 5th IQAC Council Meeting (conducted on 29.4.2016), various quality related activities of the University were followed up as detailed below:
    - Submission of AQAR 2016-2017
    - Conduct of Academic Audit for the year 2016-2017
    - Speeding up of the NBA Accreditation / Re-accreditation process for the various programmes offered by the university departments,
    - Application for NIRF ranking
    - Creation of benchmarks for quality enhancement

PART B

CONSOLIDATED DETAILS

AT

UNIVERSITY LEVEL

Part – B

CONSOLIDATED DETAILS AT UNIVERSITY LEVEL

Criterion – I

1. 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	8 (Faculties)	-	-	-
PG	84	-	36(FT)	-
UG	29	-	17(FT)	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others (M.Phil)	6	-	-	-
Total	**119**	**-**	**53**	-

Interdisciplinary	8	4	4(FT)	
Innovative	2(Vernacular Medium)	-	-	-

1.2 (i) Flexibility of the Curriculum: ✓ CBCS - Choice Based Credit System

Academic Flexibility For each programme, Curriculum of a semester shall normally have a blend of 5 or 6 lecture courses and laboratory courses not exceeding 2. In addition, Employability Enhancement Course(s) is also included. Each course is assigned certain number of credits based on the following:

Contact period per week	CREDITS
1 Lecture Period	1
2 Tutorial Periods	1
2 Practical Periods (Lab / Seminar / Project Work / etc.)	1

Flexibility to Add or Drop courses: A student has to earn the total number of credits specified in the curriculum of the respective Programme of study in order to be eligible to obtain the degree. However, if the student wishes, then the student is permitted to earn more than the total number of credits prescribed in the curriculum of the student's programme. From the III to VIII semesters, the student has the option of registering for additional courses or dropping existing courses. Total number of credits of such courses cannot exceed 6. However the maximum number of credits the student can register in a particular semester cannot exceed 30 credits (including courses for which the student has done reappearance registration).

Provision for Withdrawal from Examination: A student may, for valid reasons, (medically unfit / unexpected family situations / sports approved by Chairman, sports board and HOD) be granted permission to withdraw from appearing for the end semester examination in any course or courses in ANY ONE of the semester examinations during the entire duration of the degree programme.

Break of Study from a Programme: A student is permitted to go on break of study for a maximum period of one year either as two breaks of one semester each or a single break of one year.

Industrial Training / Internship: The students may undergo Industrial training for a period as specified in the Curriculum during summer/winter vacation. In this case the training has to be undergone continuously for the entire period. The students may undergo Internship at Research organization/University (after due approval from the Department Consultative Committee) for the period prescribed in the curriculum during summer/winter vacation, in lieu of Industrial training. If Industrial Training/Internship is not prescribed in the curriculum, the student may undergo Industrial Training/Internship optionally and the credits earned will be indicated in the Mark Sheet. If the student earns three credits in Industrial Training/ Internship, the student may drop one Professional Elective. In such cases Industrial Training/Internship needs to be undergone continuously from one organization only. However, if the number of credits earned is 1 or 2, these credits shall not be considered for classification of the degree. The student is allowed to undergo a maximum of 6 weeks Industrial Training/Internship during the entire duration of study.

DURATION OF TRAINING / INTERSHIP	CREDITS
2 Weeks	1
4 Weeks	2
6 Weeks	3

Industrial Visit: Every student is required to go for at least one Industrial Visit every year starting from the second year of the Programme. The Heads of Departments will ensure that necessary arrangements are made in this regard.

One Credit Courses: One credit courses shall be offered by a Department. The credits earned through the one credit courses shall be over and above the total credit requirement prescribed in the curriculum for the award of the degree. Students can take a maximum of two one credit courses. They shall be allowed to take one credit courses offered in other Departments with the permission of Head of the Department offering the course.

Online Courses / Self Study Courses: Students may be permitted to credit only one online course/Self Study course with the approval of Departmental Consultative Committee and Centre for Academic Courses. Students may be permitted to credit online courses (which are provided with certificate) with the approval of Departmental Consultative Committee and Centre for Academic Courses subject to a maximum of three credits. The student needs to obtain certification or credit to become eligible for writing the End Semester Examination to be conducted by Anna University. In case of credits earned through online mode from a University approved by appropriate authorities of Anna University, the credits may be transferred after due approval procedures from Departmental Consultative Committee and Centre for Academic Courses. The student can opt for Self Study course provided the student does not have current arrears and earns a CGPA of 8.0 and above. The Department / Centre / Division may offer self study courses. The purpose of the course is to permit the student to study a course / a topic of the student's choice. The students shall study on their own under the guidance of a faculty member. No formal lectures need be delivered. The syllabus of the course and mode of assessments shall be approved by the Departmental Consultative Committee and forwarded to the Centre for Academic Courses for the formal approval of the course by the academic bodies, preferably One Faculty member approved by the Head of the Department shall be responsible for the periodic monitoring and evaluation of the course before the commencement of the semester. The self study course / online course of 3 credits is considered instead of one elective course.

Duration of the Programmes: A student is normally expected to complete the B.E. / B.Tech. Programme in 4 years (8 Semesters) but in any case not more than 7 years (14 Semesters). Each semester shall normally consist of 90 teaching days (including examination days).

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	119
Trimester / Annual	-

1.3 Feedback from stakeholders*

Alumni ☑ Parents ☑ Employers ☑ Students ☑

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

Every programme for the semester concerned has a Class Committee, which is convened thrice in a semester. The members of the committee include the student representatives. It is one of the readily available forums to obtain the feedback from the students about the change required in curricula. Accordingly, if there is a justified need, the changes are incorporated in the subsequent year with the permission of Board of Studies. The University has entered into MoU with several national and international Universities. One of the objectives of MoU is to facilitate faculty exchange programme. The faculty members visiting from other Universities give feedback on the curricula and syllabi. Online discussions are also held by the faculty members to upgrade the curricula to meet the global challenges. The senior faculty members from affiliated colleges form part of the Syllabus Subcommittee, Board of Studies and Academic Council. The feedback of affiliated Institutions are obtained through them and discussed in all the above forums for possible incorporation.

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

YES

Frequency of Curricula Change:

- The curricula and syllabi are **revised every four years** for both Under-graduate and Post- Graduate Courses
- However **additional courses as electives can be added to the Under-graduate and Post-Graduate curriculum as and when required** after getting approval from the Departmental Consultative Committee, Board of Studies and Academic Council.
- Similarly **special electives are added as and when required for offering to Ph.D students** after obtaining the approval from Doctoral Committee members, ratified by the Departmental Consultative Committee, Board of Studies and Academic Council.

Procedure followed for Curricula Design and Development:

1. Meeting of Chairpersons of Faculties to decide Curricula & Syllabi guidelines such as :
   - The Curricula of PG programmes shall be so designed that the prescribed credits required for the award of the degree shall be within the limits specified below:

PROGRAMME	PRESCRIBED CREDIT RANGE
M. E. / M. Tech.	65 – 75
M. C. A.	115 - 120
M. B. A.	90 - 100
M. Sc. (2 Years)	75- 80

   - All the courses are outcome-based with clearly defined objectives.
   - Innovative courses are Introduced by integrating Theory, Practical and Mini Project along with weightage for each of the category and evaluation criteria for the same.
   - The number of credits in the first three semesters may range between 22-26 credits with appropriate mix of theory and practical courses.
   - The curricula should have an appropriate mix of general, allied, core and elective courses.

2. Formation of Curricula and Syllabi by syllabus sub committee after several sittings:
   - Special care is taken to introduce state-of-the-art electives sometimes acting as trend setter.
   - Sometimes electives are brought into the core stream in keeping with current trends.
   - Industrial training, case based studies, professional practice are introduced as part of the curriculum in keeping with industry demands

3. First version of Curricula and Syllabi is to be approved by the Department Consultative Committee.
4. Board of Studies discusses and suggests modifications and approves the Curricula and Syllabi.
5. Standing Committee approves Agenda to be brought to Academic Council
6. The Curricula and Syllabi is approved by the Academic Council.
7. Standing Committee Approves Minutes of the Academic Council.
8. Final Approval of Curricula and Syllabi is done by the Syndicate.

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

NIL

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No.of permanent faculty

Total	Asst. professors	Associate professors	Professors	others
603	316	138	134	15

2.2 No of permanent faculty with Ph.D.

517

2.3 No. of Faculty positions Recruited (R) and vacant(V) During the year

Assst. 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 Technology:

Full Time Programmes (Self Supporting Programmes)	31	Part Time Programmes	225

2.5 Faculty participation in conferences and symposia:

NOTE: For the point 2.5, the details are provided by the respective Heads in the Department-wise AQAR, namely:

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

An enormous diversity in the curriculum (35 UG and 85 PG programmes) itself is the result of innovation in the application of various engineering and technology disciplines to address the emerging and futuristic developments in engineering and technology. Even comprehension and communication skill boosting subjects have been included to enhance the employability of the graduates. Semester abroad is a novel approach in human resource development for R&D based global competence. The teaching and learning experience in the University is one of the best (for students from a broad spectrum of socioeconomic background) owing to many innovations that include student feedback based resource mobilization, Computerized Academic Records Management System, academic audit, value-added courses on PPO model, Free Open Source Software (FOSS), e-resource. enriched library with facile accessibility, pioneering satellite communication based Faculty

Development Programme (for the University and all its affiliated colleges) rarely seen in technical university, bridge and remedial courses for the needy, technical education in vernacular medium for inclusive growth and state-level placement centre with many innovative schemes.

2.7 Total No. of actual teaching days during this academic year (including examination days)

180

2.8 **Examination/ Evaluation Reforms initiated by the Institution**

Bar Coding
Double valuation
Photocopy of answer books to students
Secured Online Question paper delivery system (SOQPDS)
Online tracking of all letters and question papers

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

1292

2.10 Average percentage of attendance of students

86%

2.11 Course/Programme wise distribution of pass percentage :

NOTE: The Programme-wise pass percentage is provided in Annexure II.

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

The evaluation of teaching learning process is facilitated through department class committee meetings, department consultative committee meetings, structured assessment tests, end semester examinations, online students feedback and academic audit.

2.13 Initiatives undertaken towards faculty development

Faculty/Staff Development Programmes	Number of Faculty Benefitted
Staff Training Conducted by the University	4,392
Summer/ Winter Schools, Workshops, etc.	80

GIAN Courses Conducted:

Sl. No	Course Title	Duration	Foreign Faculty	University Faculty
1.	MIMO Wireless	Aug 8, 2016 - Aug 12, 2016	Prof. Arogyaswami J. Paulraj, Stanford University, United States of America	Dr. M. Meenakshi, Department of ECE,Anna University and Dr.K. Gunaseelan, Department of ECE, Anna University
2.	Science & Technology in Co2 Conversion	Nov 5, 2016 - Nov 23, 2016	Prof. Michele Aresta, CIRCC-IT and NUS-SG	Dr.K.Palanivelu,Director-Centre for Climate Change & Adaptation Research,Anna University
3.	Best Practices and Global Industry Standards for Computer and Digital Forensics	Nov 21, 2016 - Dec 02, 2016	Dr. Sandeep Chatterjee,Experantis LLC, Massachusetts Institute of Technology (Boston, Massachusetts, U.S.A.)	Prof. Thamarai Selvi,Professor,Department of Computer Technology,MIT Campus, Anna University,Chrompet Campus
4.	Targeting Cancer Metabolism	Dec 5, 2016 - Dec 9, 2016	Prof. Balaraman Kalyanaraman, Medical College of Wisconsin, United States of America	Dr.Anuradha Dhanasekaran,Center for Biotechnology,Anna University
5.	Process Data Analytics	Dec 5, 2016 - Dec 16, 2016	Dr. SIRISH L. SHAH, Department of Chemical and Materials Engineering, University of Alberta, Canada	Dr. J. Prakash, Department of Instrumentation Engineering,MIT Campus,Anna University
6.	The RNA World	Dec 15, 2016 - Dec 23, 2016	Dr. Jaun Alfonzo, Department of Microbiology, Dr.Jane Jackman and Dr. Venkat Gopalan, Department of Chemistry and Biochemistry, Ohio State University, USA.	Prof. K. Sankaran,Centre for Biotechnology,Anna University
7.	Low Dimensional Structures and Devices: From Research to Industry	Jan 6, 2017 - Jan 12, 2017	Dr.Mohamed Henini, University of Nottingham, United Kingdom	Prof. J. Kumar, Professor & Director,Planning & Development, Anna University
8.	An Insight into Human Infectious Diseases(Anti-Parasite Drug Discovery - Aminoacyl-tRNA Synthetases as a model)	Feb 6, 2017 to Feb 10, 2017	Professor Michael Kron, Biotechnology and Bioengineering Center,Medical College of Wisconsin, United States of America	Dr.Anuradha Dhanasekaran,Center for Biotechnology,Anna University
9.	Biomaterials and nanomedicine: Two emerging topics in public healthcare in the 21st century	12th Sep, 2017 to 16th Sep, 2017	Prof Matthias Epple, University of Duisburg-Essen Germany	Prof. S.Narayana Kalkura, Director, Crystal Growth Centre

NOTE: **The details of seminars / workshops / conferences conducted by the individual departments are provided by the Respective Heads in the Department-wise AQAR**

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	304	366	1	0
Technical staff	398	295	0	0

Criterion – III

3. Research, Consultancy and Extension

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

- **Centres for Promoting Research:**
  - Centre for Research
  - Centre for Technology Development and Transfer
  - Centre for University-Industry Collaboration
  - Centre for Intellectual Property Rights

- Through the Centre for Research, the following activities are carried out:
  - Twice in a year, scholars are admitted for Ph.D and M.S (by Research) programmes
  - Research Board meetings are conducted to ensure quality sustenance and enhancements in all the academic research activities
  - Anna University Research Journal is the advanced stage of release with ISSN number

- Through the Centre for Technology Development and Transfer, the following research promotion activities are carried out:
  - providing seed money for students for Student Innovative Project with a funding of Rs. 25000/-
  - Providing seed money for faculty members with funding to the tune of Rs.50,000/-
  - Distributing a compendium (a comprehensive booklet containing the R&D facilities of all Departments / Research Centres) to potential research collaborators
  - List of funding agencies uploaded in the CTDT website to enable the researchers to apply for funding

- Through the Centre for University Industry Collaboration, the following research promotion activities are carried out:
  - Industry oriented R&D projects are initiated.
  - Establishment of R&D labs in collaboration with industries

- Through the Centre for Intellectual Property Rights, the following activities are carried out:
    - Conduct of training programmes for Filing of patents
    - Guidance to the researchers to file patents

  Several autonomous Research Centres are involved in active Research, to name a few:
    - Institute for Remote Sensing
    - Institute for Energy Studies
    - Institute of Ocean Management
    - National Hub for Healthcare Instrumentation Development
    - National Centre for Sustainable Coastal Management
    - AU-KBC Research Centre
    - Crystal Growth Centre
    - Centre for Aerospace Research
    - Centre for Food Technology
    - Centre for Biotechnology
    - Centre for Nano Science and Technology
    - Centre for Medical Electronics
    - Centre for Water Resources
    - Centre for Environmental Studies
    - Educational Multimedia Research Centre

3.2 and 3.3 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	54	111	47	-
Outlay in Rs.	18,42,85,723	39,56,89,505	9,01,69,213	-

3.4 **Details on research publications**

	International	National	Others
Peer Review Journals	615	74	-
Non-Peer Review Journals	-	-	-
E-journals	-	-	-
Conference Proceeding			346

3.5 Details on Impact factor of publications: h-index : 13

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

3.6 a Major Projects for the period 01.07.2016 to 30.06.2017

S.No	Duration -Year	Funding agency	Total cost	Received
1	14.07.2016 to 13.07.2017	DRDL	14,87,059	8,92,192
2	04.08.2016 to 03.08.2019	DST	43,83,230	20,74,270
3	26.07.2016 to 25.07.2017	CVRDE	17,66,912	13,51,687
4	06.09.2016 to 05.09.2019	DRDO	53,43,720	39,04,200
5	01.09.2016 to 31.08.2019	SERB	48,79,600	36,26,532
6	06.09.2016 to 05.09.2018	SERB	11,00,000	6,00,000
7	12.09.2016 to 11.09.2016	DST	23,77,000	17,88,500
8	29.09.2016 to 28.09.2017	CVRDE	7,82,500	2,11,275
9	21.10.2016 to 20.10.2019	DST	19,66,800	15,25,600
10	01.10.2016 to 30.09.2019	SERB	33,14,740	14,96,600
11	18.10.2016 to 17.10.2019	DBT	24,43,000	11,17,000
12	21.10.2016 to 20.10.2018	IFCPAR	51,46,850	12,61,600
13	15.11.2016 to 14.11.2018	DST	22,93,000	13,50,000
14	15.07.2016 to 14.07.2019	ICMR	43,33,200	22,70,000
15	04.11.2016 to 03.11.2019	DST	35,35,000	6,36,000
16	29.09.2016 to 27.09.2018	SERB	19,20,000	14,45,500
17	19.12.2016 to 18.12.2018	DRDO	16,84,584	12,30,584
18	03.10.2016 to 02.04.2018	DST	72,00,000	62,88,000
19	30.12.2016 to 29.12.2019	DST	60,22,280	49,25,800
20	25.01.2017 to 24.01.2020	SERB	45,22,650	28,24,550
21	16.09.2016 to 15.09.2018	UGC	6,00,000	6,00,000
22	21.02.2017 to 20.02.2020	SERB	26,79,000	13,60,000
23	24.11.2016 to 23.09.2017	DRDO	9,85,000	2,99,978
24	07.03.2017 to 06.03.2020	DST	26,25,480	9,59,560
25	01.03.2017 to 08.02.2019	DST	1,67,16,000	1,45,63,000
26	23.02.2017 to 22.02.2019	SERB	11,00,000	6,00,000
27	21.02.2017 to 20.02.2020	SERB	31,51,000	20,60,000
28	08.03.2017 to 07.03.2020	SERB	19,00,190	3,41,450
29	29.03.2017 to 28.03.2020	DST	61,99,028	28,29,329
30	14.03.2017 to 13.03.2020	DST	45,41,800	9,40,000
31	21.03.2017 to 20.03.2020	DBT	26,72,000	12,39,000
32	16.03.2017 to 15.03.2020	SERB	65,81,960	41,00,000
33	21.03.2017 to 20.03.2019	SERB	27,77,500	14,80,000
34	22.03.2017 to 21.03.2020	SERB	25,85,000	2,50,000
35	29.03.2017 to 28.03.2020	SERB	54,97,270	38,66,520
36	24.03.2017 to 23.03.2019	SERB	18,38,000	7,65,000
37	31.03.2017 to 30.03.2018	ICMR	20,71,500	17,41,500

38	29.03.2017 to 28.03.2020	DST	17,65,000	6,55,000
39	10.03.2017 to 09.03.2020	DST	28,82,250	11,13,000
40	24.05.2017 to 23.08.2017	Police dept, TN	1,00,000	1,00,000
41	03.04.2017 to 02.04.2020	DST	23,75,000	11,30,000
42	25.05.2017 to 24.05.2020	DRDO	23,10,772	8,13,851
43	01.06.2017 to 31.05.2019	ICSSR	8,00,000	3,20,000
44	09.06.2017 to 08.06.2020	SERB	47,36,000	35,00,000
45	31.05.2017 to 30.05.2018	DRDO	9,80,000	9,80,000
46	29.03.2017 to 28.03.2020	SERB	61,73,800	13,00,000
47	17.06.2017 to 16.06.2020	SERB	24,06,730	14,42,135
		TOTAL AMOUNT	**15,55,52,405**	**9,01,69,213**

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

ii) Without ISBN No. [ ]

NOTE: For 3.7, the details pertaining to the individual departments are provided by the respective Heads of the Departments as enclosed in the department wise AQAR details

3.8 No. of University Departments receiving funds from

UGC-SAP [20] CAS [3] DST-FIST [20]

DPE [-] DBT Scheme/funds [1]

3.9 For colleges : NOT APPLICABLE

3.10 Revenue generated through consultancy [Rs. 3,39,91,564]

(Rupees Three Crores Thirty Nine Lakhs Ninety One Thousand Five Hundred and Sixty Four only)

3.11 No. of conferences organized by the Institution
3.12 No. of faculty served as experts, chairpersons or resource persons
3.13 No. of collaborations: International, National, Any other
3.14 No. of linkages created during this year

For Points 3.11 to 3.14, the details pertaining to the individual departments are provided by the respective Heads of the Departments as enclosed in the department wise AQAR details

3.15 Total budget for research for current year in lakhs:

From Funding agency Rs.4827.96 L From Management of Univ/College Rs.7415.1 L

Total Rs. 12,243.06 L

3.16 No. of Patents received this year:

Type of Patent		Number
National	Applied	16
	Granted	6
International	Applied	-
	Granted	-
Commercialized	Applied	-
	Granted	-

3.18 No. of faculty from the Institution

who are Ph.D. Guides : 456

and Students registered under them : 2421

3.19 No. of Ph.D. awarded by faculty from the Institution : 287

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

JRF 70 SRF 67 Project Fellows -

Any other:

3.21 No. of students Participated in NSS events:

University level 2300 State level 15

National level 2 International level NI

3.22 No. of students participated in NCC events:

University level 1121 State level 166

National level 16 International level NI

(Please Refer Annexure I Point (i) for complete details of NCC activities)

No. of students participated in NAVY events:

University level	100	State level	NIl
National level	NIL	International level	NIL

3.23 No. of Awards won in NSS:

University level	12	State level	1
National level	Nil	International level	Nil

(Please Refer Annexure I Point (ii) for complete details of NSS activities)

3.24 No. of Awards won in NCC:

University level	Nil	State level	Nil
National level	Nil	International level	Nil

(Please Refer Annexure I Point (i) for complete details of NCC activities)

No. of Awards won in Navy: (Scholarship)

University level	04	State level	8
National level	Nil	International level	Nil

3.25 No. of Extension activities organized

College forum	8	NCC	33	NSS	12
YRC	15	NSO		IMO	

(Please Refer Annexure I Point (iii) for complete details of YRC activities)

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

(Please Refer Annexure I Point (iv) for complete details of extension activities with societal engagements and institutional social responsibility)

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities Campus Area	Existing (In Acres)	Newly created & Source of fund
Main Campus	183.18	Renovated 400 seated auditorium in CUIC Building in Main Campus. Internet trees with WiFi connectivity in different places of Main Campus University funds were utilized for the above.
MIT Campus	51.49	
Tharamani Campus	5.00	
Highways Campus	12.00	
Total	**251.67**	

NOTE: The details pertaining to the individual departments are provided by the respective Heads in the department-wise AQAR

4.2 Computerization of administration and library

Computerization of administration : Services like payment of tuition fees, refund of caution deposit, no due certificate processing, smart card issuance and faculty profile maintenance.

Computerisation of library: The library management system is fully computerized with commercial software called AUTOLIB. It is fully integrated multi-user software on Windows environment capable of handling lakhs of records. All the section activities such as Circulation, Acquisition, Technical and Periodical section are computerized by this software. On-line Public Access Catalogue (OPAC) facilities are available near the circulation counter in the ground floor and at various other places in the library. These OPAC terminals are user-friendly, informative and have the following features.

- A powerful document search engine
- Locates the status of the book in the Library
- Displays all available books of an Author
- Displays the borrowers status (no. of books borrowed and also overdue charges)

Digital Knowledge Centre (DKC)

- A full-fledged Digital Knowledge Center (DKC) functioning with 50 computers in the library. The DKC is a gateway to the world of e-resources and one-stop shop for nascent information handling, transfer and a boon to the knowledge seeker. The University Library web page is maintained by a competent team of library professionals. It is updated every week. The following link opens up the Library web page http://www.annauniv.edu/Library/index.html

- The University Library is subscribing e-resources such as IEL online, Science Direct subject collection, Scopus Database and SAE Internationals journals. In addition to the subscribed e-resources, the users can also access the e-resources available under e-ShodhSindhu: a Consortium for Higher Education Electronic Resources initiated by MHRD and executed by INFLIBNET Centre, Ahmedabad. Our University ranks 7th place in e-resources usage in all over India and stands 1st place in Tamil Nadu.

- The Shodhganga: a reservoir of Indian Theses by INFLIBNET Centre, Gujarat is a platform for research students to deposit their Ph.D. theses and make them available to the entire scholarly community in open access. The repository has the ability to capture, index, store, disseminate and preserve Electronic Thesis and Dissertations (ETDs) submitted by the researchers. In this digital repository project Anna University has ranked 1st place in South India and 5th in India out of 323 contributing Universities by submitting 5332 number of theses. In addition, our University is having a facility to upload their research articles through online to URKUND software and get the report on similarity to avoid duplication in research activities.

4.3 Library Services:

Title	Existing 2015-16		Newly added 2016-17		Total 2015-16 & 2016-17	
	Nos.	Value (Rs.)	Nos.	Value (Rs.)	Nos.	Value (Rs.)
Text Books	1314	7,40,671/-	3858	25,10,048/-	5172	32,50,719/-
Reference Books	272	12,38,604/-	310	26,71,365/-	582	39,09,969/-
e-Books	925	22,27,471/-	83	8,17,000/-	1008	30,44,471/-
Journals Print	Indian : 112	2,31,920/-	Indian : 112	2,29,458/-	224	4,61,378/-

Title	Existing 2015-16		Newly added 2016-17		Total 2015-16 & 2016-17	
E-Journals:	IEEE Journals, Science Direct Subject Collection, SAE Journals	1,20,12,548/-	1. IEEE-478 2.Science Direct -5 3.Scopus Database 4.Proquest Database 5.SAE (10 Subjects) 6.Emerald-94 7.Science Direct Materials Science Back file	82,47,555/- 46,20,200/- 18,12,465/- 3,85,780/- 1,94,304/- 13,47,825/- 27,06,600/- 1,93,14,729/-	10,000 +	3,13,27,277 /-
CD & Video	--	--			--	--

4.6 Amount spent on maintenance in lakhs:

Infrastructure: - Rs.550 Lakhs

Library - Rs.21.436 Lakhs

ICT : Automation of MIT Library with Self Check-in, Drop Box (24 hours)

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Several Student Support services are available in the University. The awareness among students about the support services is created through various methods, namely:

- **University Information brochure**
- **University Website**
- **Academic calendar**
- **Circulars**

Following are some of the major student support activities of the University:

Technical Festivals: Hallmark annual technical festivals of various campuses such as KURUKSHETRA, TECHOFES and MITAFEST have earned international recognition for its intellectual content and benefits to the student community.
Extra-curricular activities: A number of activities are regularly conducted for students through NSS, NCC, YRC, Rotaract, Leoclub, Green Brigade, Literary Club, Computer Robotics club, Quality club, etc.

Financial support for Student innovative projects: Centre for Technology Development and Transfer has introduced "Student Research Support Scheme" for encouraging students to undertake innovative research projects with financial support.

Placement Training: IQAC along with the Centre for University - Industry Collaboration, offers several support activities towards student placements. The activities include conduct of training programmes, pep-talks, mock online tests and mock interviews. Apart from these, internships, industrial visits and industry-oriented projects are also arranged. The information is passed on to the students through student representatives.

Extra-curricular activities: Students take active part in running their mess and in hostel upkeep, willingly become representatives of extracurricular bodies to involve in organizing various activities ranging from cultural festivals to NSS camps.

Students Quality Club: Through Students Quality Club, where student come from

different branches and different years, string of programs are conducted to enhance their skills. A Student studying in the University departments, Anna University (CEG, ACT, SAP & MIT) can become a member of Student Quality club.

Newsletter: Quality express is the bi-monthly newsletter from the house of students Quality club to promote and spread quality concepts among the members

5.2 Efforts made by the institution for tracking the progression

- Online updates of marks and attendance for the students through SEMS software. Marks will be mailed to student / parent immediately after every update for tracking the performance of the students in the assessment tests and exams.
- The students can use online facilities to pay the fees, download their hall ticket and view / download their results.

5.3 (a) Total Number of students

(b) No. of students outside the 52 state

Men

Course	No	%
PG	983	51.20
UG	1565	58.15

Women

Course	No	%
PG	937	48.80
UG	1126	41.85

Courses	Last Year						This Year					
	General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
UG	209	482	26	1933	41	2691	172	485	27	1960	46	2690
PG	195	362	06	1346	11	1920	190	317	10	1284	11	1812

Demand ratio 94.375 Dropout % 5.625

5.3 (C) No.of international students (Admission 2017)

Men :

No	%
164	39.80

Women :

No	%
96	23.30

Overall :

No	%
260	63.10

Demand ratio : 260:412

Dropout % : 36.89

5.4 Details of student support mechanism for coaching for competitive examinations (If any) and No. of students beneficiaries

5.5 No. of students qualified in these examinations (NET, SET/SLET, GATE, CAT, IAS/IPS, State PSC, UPSC, Others)

For Points 5.4 & 5.5 above, the details pertaining to the individual departments are provided by the respective Heads in the Department-wise AQAR

5.6 Details of student counselling and career guidance

Anna University has Career Guidance and Counselling Cell (CGCC) headed by a Coordinator. The CGCC periodically conducts sessions on Career Guidance and Core Competency Development. The following are the programmes conducted during 2016-17.

- One week training program on "**Python Skills**" required for IT industry was conducted during 13.02.2017 to 17.02.2017 for the benefit of B.E / B.Tech – CS / IT pre-final year students at free cost. Around 57 students were benefited from this programme.
- The Career Guidance Programme (CGP) for the University Colleges of Engineering (UCEs), Anna University spread across the state of Tamil Nadu, was conducted in 14 places, from 31st January 2017 to 2nd March 2017, by utilizing the UGC funds. Around 4689 students were benefited from this programme.

Total No. of students beneficiaries 4746

5.7 Details of campus placement

On campus			*Off Campus*
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
185	2997	1328	10% to 12%

5.8 Details of gender sensitization programmes

- The need for gender sensitization has been felt and realized through times immemorial and in almost all kinds of human existence, across the globe. Moreover it is about educating both the genders that they derive mutual benefits by understanding each other.
- Gender awareness requires not only intellectual understanding and effort but also sensitivity and open-mindedness to change one‘s views and limited perspectives and values. It opens up the widest possible range of life options for both women and men and builds their capacities to be more wholesome and humane and to overcome any sort of differentiation or harassment.
- Under the above circumstances, it was felt to give an awareness talk on “Gender Sensitization” by eminent speakers by the Centre for Empowerment of Women (CEW) in coordination with the Prevention of Sexual Harassment Cell (POSH) & NCC Unit, Anna University for the first year U.G students of CEG, AC Tech and SAP campus of Anna University on 16th August 2016 & 19th August 2016 and on 31st August 2016 at Vivekananda auditorium, Anna University.
- Dr.(Mrs).I.S.Parveen Sultana, Eminent Tamil Orator and Professor, Dept. of Tamil, JBAS Women’s college, Chennai addressed the first year students of CEG Campus on 16th August 2016 and 19th August 2016.
- Mrs.Bharathy Baskar, CEO of MNC & Tamil Orator addressed the first year students of AC Tech campus on 31st August 2016 at Vivekananda auditorium.
- More than 2500 boys and girls of CEG, SAP and AC Tech campuses were given awareness on “Gender Sensitization.

5.9 Students Activities

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

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

Details for 5.91 and 5.9.2 given below:

NATIONAL SPORTS ORGANISATION (NSO):

National Sports Organization (NSO) is one of the the most special extra-curricular activity of MIT.NSO sessions are conducted every week on Wednesdays from 4.45PM after class hours. Students are given general fitness exercises and are trained in various sports and

games. This helps the students stay fit and encourages them to sharpen their sports skills.A compulsory NSO residential camp of 10 days is held during the summer vacation every year for the 1st year NSO students. They are trained in the game of their choice and are also made to do aerobics, mass drills and yoga during the camp.

Students Achievements in Sports: MIT Campus

The academic year 2016-2017 has proven to be very rewarding. MIT students have brought us glory by participating in various tournaments like Anna University Zonals and Inter-zonals, All India Inter-university, State, Nationals and Other open tournaments. Besides actively participating in these tournaments, MIT students have made us proud by earning many laurels for our college. MIT students trained with immeasurable dedication and team spirit to accomplish these achievements.

The following are the achievements of MIT students in the Academic Year 2016-17.

National level achievements:

- **Nandakumar a, 2013504011, b.e., ece** has won bronze in the 35th senior national taekwondo championship held at vishakapatnam, andhra pradesh from 17th to 19th of february, 2017.
- **Sisina m, 2013503057, b.e., cse** has participated in the 35th senior national taekwondo championship held at vishakapatnam, AP (17th to 19th of february, 2017.
- **Adithyaa m a, 2015505503, b.e., e&i** has secured 1st place in the national rubik's cube speed solving (3x3 with feet) championship by holding a national record with a mean of 41 seconds.
- **Madhumitha a, 2013504022, b.e., ece** has won silver in the all india senior tennikoit national championship held at gujarat.

State level achievements:

- **Nandakumar a, 2013504011, b.e., ece** has won gold in the state level taekwondo championship held at dindugal from 25th to 28th of august,2017.
- **Sisina m, 2013503057, b.e., cse** has won gold in the state level taekwondo championship held at dindugal from 25th to 28th of august,2017.
- **Aishvaryaa a,2016507001, b.e., pt** has won bronze in the 58th tamilnadu state youth carrom championship held at theni on 11th and 12th of February, 2017.

All India Inter University Achievements:

Nandakumar a, 2013504011, b.e., ece has participated in all india inter university taekwondo championship held at maharishi dhayanandh university from 19th to 21st of march, 2017.

Sisina m, 2013503057, B.E (CSE) has participated in all india inter university taekwondo championship at maharishi dhayanandh university (19-21 Mar, 2017)

- **Gowthaam s r a, 2013505008, b.e., e&i** has participated in all india inter university taekwondo Championship held at Maharishi Dhayanandh University from 19th to 21st of March, 2017.

Students Achievements in Sports: CEG Campus

Men - Results

S. No	Game	Venue	Date	Place
1	Table tennis	SVCE	Aug 26	CEG – FIRST PLACE
2	Handball	Alpha	Aug 26,27	CEG – FIRST PLACE
3	Chess	Apollo	Aug 31	CEG – FIRST PLACE
4	Kho-Kho	CEG	Sept 1.	CEG – FIRST PLACE
5	Ball Badminton	CIT	Sep 2	CEG – FIRST PLACE
6	Hockey	Saveetha	Sep 15	CEG – FIRST PLACE
7	Tennis	Saveetha	Sep 16	CEG – FIRST PLACE
8	Basketball	CEG	Sep 7,8	CEG- Third Place

Women - Results

S. No	Game	Venue	Date	Place
1	Badminton	SVCE	Aug 24,25	CEG – FIRST PLACE
2	Chess	Apollo	Aug 31	CEG – FIRST PLACE
3	Table Tennis	Arignar Anna	Aug 29	CEG – FIRST PLACE
4	Ball Badminton	CEG	Sep 1	CEG – FIRST PLACE
5	Volleyball	P.B	Sep 13	CEG- Second Place
6	Basketball	REC	Sept 6	CEG- Third Place

INTER-ZONAL RESULTS

S. No	Game	Venue	Date	Place
1	Chess (M&W)	TRP ,Engineering College, Trichy	Oct 23-24,2016	CEG –FIRST PLACE
2	Table Tennis (M&W)	CA Hakkim Engineering College, Melvishram	Nov. 21,22,2016	CEG –THIRD PLACE
3	Fencing (Men)	Kumaragur College of Engineering and Technology, CBE	Dec 1,2-2016	CEG –THIRD PLACE
4	Tennis (Men)	SSN College of Engineering, Kalavakkam	Nov. 16,17-2016	CEG-THIRD PLACE
5	Swimming (Women)	Kongunadu college Engineering and Technology, Trichy	1st ,Sept, 2016	AIshwaryaSelvakumar I YEAR B.E. Industrial Engineering 50-Freestyle-GOLD 100-Freestyle - GOLD 200-Freestyle - GOLD 400-Freestyle - GOLD 800-Freestyle - GOLD 100-Back stroke - GOLD 200-Back stroke - GOLD

Students Participation in the South Zone & All India Inter University Tournaments 2016 – 17 (CEG)

1.	P. Larsen	II – BE	Aquatics(M)	Punjab University, Chandigarh
2.	V. Lokesh	V- Msc. CSE	Hockey (M)	Alagappa University, Karaikudi
3.	V. Ajith Babu	II	Sepaktkarw	Kurshetra University
4.	V. Ganesh	III - IT	Sepaktkarw	Kurshetra University
5.	Chirag Surana	IV - Mech	Squash Rackets	Satayabama University, Chennai
6.	G.Raagul Ram	II I - Electronic Media	Fencing (M)	Panjab University, Chandigrah
7.	P.Sakthivel	III -Mech	Handball (M)	Periyar University, Salem
8.	Akkash P. C. Iyer	II – Indu	Chess	Vels University, Chennai
9.	Gireeman .J.A.	II. ECE	Chess	Vels University, Chennai
10.	Nanditha .P.V.	IV. ECE	Chess	Vels University, Chennai
11.	Mitchell Catherin	III CSE	Chess	Vels University, Chennai
12.	Varshini	I CSE	Chess	Vels University, Chennai
13	R. Vannmathi	III- Agri	Hockey (W)	Alagappa University ,Karaikudi

14.	S. Ishwarya	I - IndEngg.	Aquatics(W)	Punjab University, Chandigarh

Students Achievements in Sports: ACT Campus

ZONE –MEN

S.NO	GAME	RESULTS
1	HAND BALL –(MEN)	BRONZE MEDAL
2	HOCKEY (MEN)	SILVER MEDAL
3	KHO-KHO (men)	GOLD MEDAL
WOMEN		
1	VOLLEY BALL	BRONZE MEDAL
2	BALL BADMINTON	BRONZE MEDAL
3	ATHLETICS	2-GOLD
INTER ZONE		
1	AKSHAYA II YEAR/PETRO- ATHLETICS	100mts –GOLD
		200mts-BRONZE
		4*100 RELAY-GOLD
2	MUGDHA A MALLAREDDY-II/B.ARCH/	SWIMMING- 8 GOLD
		SILVER
		BRONZE
3	LAKSHAYA- IV/ B.ARCH/SQUSH RACKETS	

INTER UNIVERSITY/NATIONAL PARTICIPANTS

S.NO	NAME	GAME	PARTICIPATION	RESULT
1	Ms.SANTHANAMARI-III-CERAMIC	HOCKEY	SOUTH ZONE	PARTICIPANT
2	Mr.ELAVARASAN	KHO KHO	SOUTH ZONE	PARTICIPANT
3	Mr.PRAVEEN	KHO KHO	SOUTH ZONE	PARTICIPANT
4	Ms.LAKSHAYA	SQUASH	ALL INDIA	BRONZE
5	Ms.MUGDHA A MALLAREDDY	SWIMMING	ALL INDIA	SILVER-50M BUTTERFLY
6	Ms.AKSHAYA	ATHLETICS	ALL INDIA	participation
7	Mr. M.F. ASHWIN	FENCING	ALL INDIA	

5.10 Scholarships and Financial Support

Please refer Annexure I Point (v) for the complete details

5.11 Student organised / initiatives : Details given below

ACT Campus:

Fairs : State/ University level NIL National level 5 International level NIL

Exhibition: State/ University level NIL National level -1 International level NIL

Student Activities: Technical / Cultural Festivals

Techofes is the annual cultural festival of College of Engineering Guindy, Anna University, Chennai held in mid-February, and is one of the most popular cultural festivals in South India. Techofes is held for 4 nights and 3 days which draws a footfall of about 40,000 students from more than 250 colleges across South India.

Kurukshetra is an international techno-management fest conducted annually by the College of Engineering, Guindy (CEG) in Chennai, Tamil Nadu, India. It is a four-day event organized by the college's technical body, the CEG Tech Forum (CTF). The tag-line of the fest, "The Battle of Brains", refers to the battle. The fest was first held in 2007 and was the first techno-management festival in India to be awarded UNESCO patronage. Its logo, the Cyclotron, symbolizes the celebration of the indomitable spirit of engineering and innovation.

Kalakrithi The annual intercollege fest organized by Alagappa college of technology, one of the constituent colleges of Anna University, Chennai. Held in mid-February every year, KALAKRITHI pays tribute to a 350 year old city from the students of a 200 year old university. Since its inception in 1985, this event has snowballed to become one of the biggest fests in India. Be it cultural competitions, concerts, rock shows, enlightening panel discussions, workshops, personality contests, Fashion shows, DJ nights, Kalakrithi is being a mélange with something for everyone.

Sangarsh, organized by the Rotaract Club of CEG and under the patronage of prominent celebrities, is an annual musical concert aimed at raising funds for the needy sections of the society. The event has helped in contributing to social causes such as the aid of physically and mentally challenged, cancer patients, polio, HIV stricken etc.

Agni, an intra-college event, is the first of the cultural extravaganzas on CEG's academic calendar, taking place typically during August or September.Agni takes place over a course of 3 days, with a wide range of cultural events and fun workshops that open up previously unexplored avenues to the new CEGians, along with celebratory pro-nights. Agni thus introduces CEG's fresher’s to the incredible talent our students bring to the table.

Mitafest is the inter-college cultural festival of MIT. The festival is held during the month of January or February every year. It is one of the oldest inter-college festival in Chennai. Mitafest is organized by the student body of the Madras Institute of Technology, The Athenaeum. More than 300 students take part in organizing this festival from scratch every year.

Sivaranjani is the intra-college cultural festival of Madras Institute of Technology. The festival is held during the month of October- September every year. Students from

MIT express their cultural talents and compete among themselves. It has thrived for more than 40 years and has blended along as the pride of the institute. Famous personalities who have endorsed and made their presence in this event. Sivaranjani is organized by the student body of the Madras Institute of Technology, The Athenaeum. More than 300 students take part in organizing this festival from scratch every year. Like many other festivals such as Mood Indigo and Saarang, Sivaranjani is a sponsor driven event with some financial support provided by the university's management.

Students Activities: CEG

S.No.	Activity Name	Period	Description
1	SAAS (Students Association and Arts Society)	August	Fresher's Day
		September	AGNI
		February	TECHOFES
2	CTF (College Tech Forum)	January	Kurukshetra
		September	Vyuhaa

Club Activities :

S.No.	CLUB	Teacher-in-charge
1	Entrepreneurship Development Club	Dr.C.Sharmeela
2	Maathavam	Dr.K.Vani, IT
3	Theatron	Dr.Shoba.K.N, ENG
4	Sruthilaya	Dr.S.Swamynathan, IT
5	Green Brigade	E.Natarajan, mech, IES
6	Literary Club	Dr.P.R.Sujatha Priyadharsini, Eng
7	Rotaract Club of CEG	Dr.S.Karthikeyan, CES
8	Leo Club of CEG	Dr.P.Vanaja Ranjan, EEE
9	Students Quality Council	K.Narashiman, chemical, AC.Tech
10	Robotics Club	K.Udhaya kumar, EEE
11	Siruthuligal charity club	K.Praveen, ECE
12	The Guindy Times	Dr.Stars Jasmine, Eng
13	CEG SPARTANZ	Dr.M.Pradeep Kumar, Mech
14	Aakriti - CEG GIRLS FORUM	Dr.G.R.Rajarajeswari
15	Twisters crew	
16	SAPTHAM	Dr.P.Uma Maheswari, Media Science
17	Captilazie	Dr.Ravikumar G, Civil
18	CSAU (Computer Society of Anna University)	Dr. George Washington
19	Quizzer Ananyms	
20	Pixel	Dr.V R Revathy, Media Science
21	CTF	Dr.S.Swamynathan

Student Activities: SAP campus:

Activity Name	Number of Participants	Collaborators / Sponsors
Guest lectures was organized by the course faculty as a part of the course deliverables	50	Delivered by Dr. Yues Pedrazzini(Lasur) and Dr.Florence Bideau, EPFL, Switzerland
Cul de SAP - 'Vismaya'	300	Student's Association
Plastic Waste Management along with the Sons of Nation NGO - 'Personality development and skill development'	100	YRC
The undergone a camp visited the karigiri hospital, leprosy wards and watched a presentation. Then the camp was set in Pravaham community college, Venakatapuram (near vellore)	80	YRC
Weekend Shramdaan at Kotturpuram Tree Park organised by Nizhal NGO	80	NSS
Tree walk and Seed collection drive	60	NSS
Tree walk and Shramdaan	60	NSS
Tree Walk Programme	80	NSS
Traffic awareness campaign	80	NSS
A lecture on the developmental ideas propounded by late Dr. A.P.J Abdul Kalam in view of the Youth Awakening	120	NSS
Revival of trees – Post vardah	70	NSS
Plastic Waste Management along with the Sons of Nation NGO	85	NSS
A seminar on Women's Empowerment along with the Dhagam Foundation	80	NSS
Free the Tree Campaign at Adayaru	80	NSS
Needs for society	70	NSS
A lecture on Know your legal rights	70	NSS
Waste management system	90	NSS
Secretary Elect Training Seminar	70	Rotaract Club
Terry Fox Run for Cancer	120	Rotaract Club
Installation of the board	60	Rotaract Club
Rotaract Assembly: Prism of Possibilities	40	Rotaract Club
FANAA'16	60	Rotaract Club
Nakshatra'16	30	Rotaract Club
NammaTheru' - A lecture by Mr. Yaseva	70	Rotaract Club
Municipality and citizen rights	70	Rotaract Club
Paint for Hope	80	Rotaract Club

Activity Name	Number of Participants	Collaborators / Sponsors
Pongal Potluck	80	Rotaract Club
Rotaract Youth Leadership Awards	60	Rotaract Club
Lecture series for Organic Farming	70	Rotaract Club

Student Activities: MIT Campus

Intra-college Cultural Fest : SIVARANJANI ’16

The event was held during Sep 30-oct 2, 2016 with the theme MINIONS . The entire event was of 3 days with active participants of one and only MIT students . Day1: INAUGURATION : The student body organization and the intra fest was inaugurated by VIJAYAKUMAR (Director of Uriyadi) and by RAMESH BRABHA (Chairperson, Galaxy institute) on sep 30 , 2016 evening 4 p.m in Rajam hall. The inaugural address was given by the chief guests & interacted with the students and make the atmosphere like a theatre. Dean of MIT Dr. A.Rajadurai presides over the function. MOVIEPROMOTION: After, the inauguration we collaborated with Cinema diary , a media promotion agency and did a movie promotion teaser and single launch of AARAMBAME ATTAKASAM in our campus .The movie starred JEEVA(lollusabha fame)as lead. veteran actor, director BHAGHYARAJ , PANDIYARAJAN , comedians SAMS, VAIYAPURI also attended the event. The students of MIT performed in their promotional event and they were honored by BHAGAYARAJ and the movie team. The event was held on first day evening at Hanger1. Day 2 morning started with informal events on the MIT road side, after that Short films of MIT students were screened and the best two were awarded. After that potpouri , a variety game event held. The evening was a fun filled galatta game event which is the tittle event happened " Mr.& Miss SIVARANJANI 16"at open air theatre(OAT) .The day 2 night ended up with musical DJ nights. Day 3 started of with ADZAP event which is a conceptual variety act .At same time quiz, informal games were happened . The day3 night where all of the students much awaited dance, variety , musical band team performance happened . The event ended up with the organizing team fun dance.

Inter-college cultural fest : MITAFEST 17

The mega cultural event was held during Feb 23-26 2017 with the theme TAMILANDA. The event has a special day called traditional day on feb 25. For the promotional purpose a HUT was constructed near by hostel gate and various events were conducted evening from feb 3 onwards. Day 1 :Since the theme is TAMILANDA so the event inauguration was full of tamil traditional style. The chief guest Mr.KARTHIKEYA SIVASENATHIPATHI inaugurated the function. Traditional snacks had been given to the guests and students.after the inauguration the solo dancing events followed by MIT musical band team performance happened. Day2 : The day 2 started with like informal events like slow

cycle racing, rangoli, face painting etc. on that evening intra college dance and variety competitions took placed. Day 3: This day was known as TRADITIONAL DAY , where the students were come in traditional dresses like dhosti, sarees . The students from various colleges also participated in the traditonal game events and traditional dances like karagam, silambam were happened in informal stage . Afterwards , KTM bike racing stunt show were happened . The day ended up with SMILE SETTAI VAIYAM THALAMAI KOL where we honored the underrated social service persons. Day 4: The last day where the inter competitions dance ,variety happened . Various college students screened their shortflims here . The day ended up with Variety performance.

5.12 No. of social initiatives undertaken by the students

Please refer Annexure I Point (iv)

5.13 Major grievances of students (if any) redressed: NIL

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION:

Anna University shall strive towards a World Class Institution by producing professionals with high technical knowledge, professional skills and ethical values. The University shall be a preferred partner to the industry and community for contribution towards their economic and social development by providing high quality manpower through excellence in teaching, research and consultancy. Anna University shall be recognized as a point of reference, a catalyst, a facilitator, a trend setter and a leader in technical education.

MISSION:

Anna University shall contribute to the educational, economic and social development:

- By producing students who are intellectually and technically equipped with well defined knowledge, skills and ethics who are creative thinkers, inspiring leaders and contributing citizens
- By introducing high quality academic and research programmes and providing extension services in cutting edge technologies
- By ensuring a supportive campus climate with dynamic leadership and development opportunities to meet the needs of the students, faculty and staff
- By enhancing academic productivity through induction of quality faculty, accelerated graduation, credit banking, augmented continuing education opportunities and adoption of current technology
- By sharing the intellectual resources and the infrastructural facilities among the academia from other institutions and among the industrial society, funding agencies and government
- By enhancing the collaborative partnership between Industry and Institute for commercializing and transferring the latest technological know-how towards societal development

- By setting up a Global University Network Campus that embodies the ideals of an open, democratic and global society catering to the needs of the global community and satisfying cultural, ethnic and racial diversity
- By expanding global participation spread across continents with the aid of interactive satellite based education and the usage of digital library
- By enriching the national and international character of the University
- By ensuring efficient administrative coordination and effective decision making through necessary reforms and by strategically allocating resources
- By benchmarking against technologically sound global leaders with a view towards continuous improvement

6.2 Does the Institution has a management Information System YES

The Management Information System at Knowledge Data Centre comprises of:

- Online Student Fees collection for University Departments (UDs) and all University Colleges of Engineering of Anna University through AUPaG (Anna University Payment Gateway)
- Administrative Data Management System (ADaMS) which caters to GPF (General Provident Fund), CPS (Contributory Pension Scheme)
- Management of student information pertaining to online fees like defaulters list of UDs and UCEs
- Faculty Information System (FIS) to maintain the faculty details
- AU Webcast, campus YouTube for UDs and UCEs which is ready to be deployed
- No dues and caution deposit through online system for University Departments and University Colleges of Engineering

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

6.3.1 Curriculum Development

Courses offered reflect emerging trends in the field of studies and many of them are interdisciplinary in nature. Board of studies meet periodically to develop the curricula for new programmes as well as to review the existing programmes. The Curriculum is periodically reviewed in accordance with the institutional goals and

objectives and external experts are also involved in updating the curricula and syllabi. Computer programming and practice courses are introduced to all the first year under-graduate students. Conduct of Certificate courses to meet the emerging / changing trends are being strengthened. The best curricular diversity in technical education is adopted with rare-to-find and innovative courses in specialized or emerging or industrially important areas. Regular and frequent revision of the syllabi are done by experienced researching academicians and active industry experts.

6.3.2 Teaching and Learning

Lecture method is predominantly followed, however most of the departments are using modern teaching methods and aids. The faculty try to make the learning, student centric through participation in seminar, group discussions, case studies, field work and project work. ICT enabled teaching-learning is augmented in a few departments. Students and faculty are motivated to make optimal use of library learning resources. The use of multi-mode and multi-media technologies such as traditional chalk & talk, OHP, smart boards, LCD projectors with PowerPoint slides, video clips provide the right blend of teaching aid to match delivery requirements. Teaching and guidance by faculty who are activity engaged in research help to keep the students highly motivated in the latest developments of a subject and obtain authentic advanced knowledge, research-orientation and professionally helpful projects. Use of assignments, case-study methodology, review of journal papers develop the analytical ability, decision making skills, ethics and multidimensional aspects and approaches to problem solving or development. Industrial visits, teaching of elective subjects and guest lectures by senior professionals and experts from industry, projects in association with industries, etc provide the best industry-oriented practical learning experience to students. Semester system and continuous assessment through the internal tests and an end semester examination provides adequate scope to bring out the strengths and weaknesses of a students and therefore to improve on that. Subject-wise compulsory and detailed feedback from students on the quality and overall performance of the teaching faculty and its review by the Head of the Department and Vice Chancellor himself help in the improvement of the faculty. Course Committee consisting of faculty and student representatives helps to monitor the academic progress and quality of a class every semester for each branch.

6.3.3 Examination and Evaluation

- Equal weightage for Continuous assessment and examination (50 percent)
- Transparent procedures for the conduct of examinations and evaluation.

- Systematic and well-organized procedures to address students' grievances relating to examination.
- Bar coding for answer sheets
- Central Valuation for end semester exams
- Option for re-valuation
- Photocopy of answer scripts provided to students on demand
- Secure online question paper delivery system (SOQPDS)
- Online Tracking of all Questions Papers and all academic details through Academic Records Management System (ARMS) software
- Declaration of results within a month from the last exam

6.3.4 Research and Development

- Minimum of one publication in journals listed in Anna University Journals list With Impact factor
- 2. Plagiarism Check using Software tools like Urkund, Plag Scan

6.3.5 Library, ICT and physical infrastructure / instrumentation

- **OPAC Renovated Closed Reference Section:** The closed reference section in the library has been renovated with all facilities and the collections are also strengthened by adding new books
- **WiFi:** Internet trees with WiFi connectivity in different places of Main Campus
- **Career Guidance Cell (CGC):** A Career Guidance Cell has been initiated in the University library for the benefit of outgoing student by providing career guidance information. This CGC is having a collection of around 10,000 aptitude books and also other career guidance materials for various competitive exams.
- .**CTS-Anna Auditorium:** Renovated 400 seated auditorium in CUIC Building in Main Campus.

6.3.6 Human Resource Management

Faculty Development Programmes for Teaching staff on Training the trainees - in collaboration with NASSCOM, Microsoft.

6.3.7 Faculty and Staff recruitment

Faculty and staff are recruited following University guidelines through a selection committee constituted by the University. The recruitment is based on API scores.

6.3.8 Industry / Interaction / Collaboration

- Implementation of CSR initiatives of Daimler, Titan and Thirdware Technologies.
- Industry sponsored Skill Development and Competitions organized for the benefit
- of the students studying in the University Departments as well as affiliated colleges.

6.4 Welfare schemes for

Teaching	Participation in conferences – National / international Encouraging rendering consultancy service Encouraging membership fee in professional bodies Health insurance Sports facilities Loans for house building, vehicles, etc. Sponsorship Residential quarters AnnaGem Science park school for children Festival advance
Non teaching	Educational loans Residential quarters AnnaGem Science park school for children Festival advanc
Students	Scholarship Research fellowship Tuition fee concession State welfare scheme to make every student possess a computer and empower them with IT power.

6.5 Total corpus fund generated:

Through Consortium : Rs. 6,43,91,000/-
Through Endowment : Rs. 5,30,000/-

Total : Rs. 6,49,21,000/-

6.6 Whether annual financial audit has been done: Audit completed till 2014-2015

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	-	-	-	-
Administrative	Yes	A.G.Audit	Yes	Internal Audit & Concurrent Audit

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?

- Ptotocopies of the answer scripts given to the student on demand
- Choice based credit system has been introduced from 2015 in which relative grading system is introduced.

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

- The role of the Centre for Academic Courses is to administer all academic matters of the University Departments and Affiliated Engineering colleges coming under Anna University Chennai.
- Centre for Academic Course is responsible for organizing meetings of all Academic bodies such as Academic Council, Board of Studies, Standing Committees and Syllabus Committees. The members of Academic Council include the Principal/ Senior faculty of University Departments, Constituent Colleges, representatives from Affiliated Engineering colleges and members from Industries. The Academic Council plays key role in all the Academic Activities of University Departments, Constituent Colleges, and Affiliated Engineering colleges. The Board of Studies (BOS) at each institutional level is empowered to recommend syllabus/curriculum changes or changes to the evaluation/assessment methods.
- The Centre for Academic Courses provide permanent affiliation to colleges which help them to go for seeking autonomy. The application for autonomy from the colleges are forwarded to UGC after proper scrutiny and necessary support.

6.11 Activities and support from the Alumni Association

- University-level Alumini meet and Department-wise alumni meet are conducted every year. Alumni provide scholarships, placement training, guest lectures and mentoring for their juniors.
- The Alumni association of A.C.TECH has given financial support 30 students of B.Tech (I to IV years) as renewal / fresh scholarships

- The Alumni Association of MIT Campus has given financial support to 69 numbers of B.E/B.Tech. Students (I – IV years), for both renewal & fresh.

Please refer Annexure I Point (v) for Scholarships provided by Alumni of the various campuses of the University

Please refer Annexure I Point (iii) for Student activities involving Alumni

6.12 Activities and support from the Parent – Teacher Association

Parent-Teacher meetings are conducted by the HODs the details of which are provided in the Department-wise AQAR
Parents are informed about the students progress through KDC.

6.13 Development programmes for support staff

Administrative staff members are provided periodical training on Office management, drafting of letters and reports, operation and maintenance of office equipment such as LCD projector and copier, University procedures to be followed for purchase, etc. They are also trained in essential software packages such as word processing software and spreadsheets
Technical staff members are provided training by the respective departments on Lab equipment maintenance, stock register maintenance, stock verification, periodical calibration / service of lab equipment, etc.

The specific training programmes conducted for support staff are presented by the respective department heads in the Department-wise AQAR.

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

- Planting of trees during functions
- Use of renewable energy such as solar energy
- Landscaping
- Renovation of old buildings
- Children day-care centre and recreation centre
- Efforts are taken for Carbon Neutrality
- Rain water harvesting
- Water recycling
- Steps initiated for e-waste management and green computing

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.

Research Section:
All the process of Centre for research from application filing for Ph.D. Programs to completion of Ph.D. are computerized and online. This has created positive impact for the students accessibility and functioning of Centre for Research office.

Knowledge Data Centre:

- Online processing of no due certificate
- Capturing of student data for admission
- Processing of student caution deposit refund requests

Centre for University Industry Collaboration:

- Implementation of e-Governance for Placement Information System.
- e-Version of the Placement Ready Reckoner distributed to the students for their reference and benefit.

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

- **Research**: Anna University has been recognized by UGC as University with Potential for Excellence (UPE) in March 2017.
- **Student Scholarship:**: Industry based scholarships (Visweswaraya scholarship) were instituted for Students in 2016-17.
- **Governance**: Initiatives were taken for revision of Finance and Accounts Manual.
- **Ranking and Recognition**: IQAC was actively involved along with the University NIRF team in successfully uploading the University details for ranking. Accordingly, Anna University was ranked among top 13 Institutions in 3 different categories for the year 2016-17.
- **Accreditation**: IQAC provided support and guidance during the NBA accreditation process for 4 departments of MIT Campus, Anna University during September 2016. Accordingly, all the four departments were accredited by NBA.
- **NAAC Awareness Seminar**: IQAC organized a national level 2-days seminar on NAAC Awareness for around 130 faculty members from Higher Education Institutions across the country.

- **Internalization of Quality Culture**: Department IQAC coordinators were appointed for all the departments and centres of the University, in order to promote internalization of quality culture.

7.3. Give two best practices of the Institution:

(i) Centre for Academic Courses

- Enormous diversity in the curriculum leading to innovation in the application of Engineering and technology
- Providing more Employability enhancement courses in the curriculum to make the students more employable.

(ii) Centre for Faculty Development:

Practice	Programme	Participants
1	Soft Skills, Pedagogy & Management Training	50
2	Capacity Building of Women in Higher Education	30

Faculty Development Training Programme

In order to improve the Quality of Education, it has become essential to improve the teaching skills and knowledge of the teachers in the subjects they teach. The Centre for Faculty Development started by the University conducts Faculty Development Training Programmes to cater to the needs of faculty members. The Centre trains the teachers to plan and prepare the lessons, understand the subject contents and improve the teaching quality which in turn will help the student community. These programmes are conducted during the Summer / Winter Vacation to enable the teachers to participate and benefit. The resource persons are experienced faculty members from University and also experts from the industry. Thus the students all over Tamil Nadu are being benefitted with this knowledge.

Duration	Total no. of Programmes	Total Amount in Lakhs Rs.	Total No Of Teachers Benefitted
Summer 2016	80	13.60	2,010
Winter 2016	100	20.00	2,382
Total	**180**	**33.60**	**4,392**

Three Day Workshop On FDTP

- The mission of the higher education department is to provide world class quality engineering education to all students including students from rural areas. In line

with the mission statement of Department of Higher Education, Directorate of Technical Education jointly with Centre for Faculty Development (CFD) have taken various initiatives in building the potential of Faculty members of all Engineering colleges which is the basis for providing quality education to students.

- By improving the teaching skills and knowledge of the teachers in their subjects, one can improve the quality of education. Centre for Faculty development aims to enhance the teaching skills through various FDTPs (Faculty development Training Programs) in all Affiliated Engineering colleges. We also conduct ANNA EDUSAT live interactive classes through KU band provided by ISRO. Web content audio video lecture programs are also conducted with a group of experts to deliver lectures on various subjects from Electrical & Electronics Engineering, Electronics & Communication Engineering, Computer Science & Engineering and Mechanical Engineering.
- In this Direction, CFD organized two three day workshops jointly with DOTE funded by Technical Education Quality Improvement Programme(TEQIP)-Phase II, State Project Facilitation Unit (SPFU), Tamilnadu.

No. of Participation & Duration			
Programme	**Duration**	**No. of Participants**	**Amount Sponsored by TEQIP (Rs. in Lakhs).**
Soft Skills, Pedagogy & Management Training	27th , 28th & 30th March 2017	50	1.10
Capacity Building of Women in Higher Education	27th , 28th & 30th March 2017	30	1.0

- Soft Skills, Pedagogy & Management Training aims has helped teachers of engineering colleges to equip themselves in developing the soft skills, pedagogy and management that the industry requires. The programme has included various sessions to expose teachers to different types and aspect of soft skills.
- The main scope of Capacity Building of Women in Higher Education workshop is to empower in policy making, governance and Leadership, to enhance academic and decision making skills, to balance professional and personal life, to initiate in research avenues and methodologies.

(iii) Centre for Research:

- Scrutinizing Synopsis, Thesis, Publication of Scholars in Journals using Plagiarism Software.Average process time of 3 months since the submission of synopsis to the viva- voice examination.

(iv) Library:

- Web based Library Information

- Career Guidance Cell (CGC)
- Current Awareness Service
- Article Alert Service
- Provision for self-study materials (Laptop)
- Conducting Symposium, Seminar, Workshop, National and International Conferences

(v) Centre for Admissions:

- Online registration of applications
- Online Counselling

(vi) Knowledge Data Centre:

- Paperless office through Internal file movement and management system
- Near uninterrupted service 24x7

(vii) Estate Office:

- Security arrangements to the Campus and parking facility for students and faculties.
- Power supply and water facility and green campus through sewage treated water in main campus.

(viii) Centre for University Industry Collaboration & Career Guidance Cell:

- Industrial Awareness Programme to all the final year UG & PG students studying in the CEG / MIT / ACT Campuses.
- Providing Value Added Skill Building Programme like Python Programming Skill.

(ix) Centre for International Affairs:

- The faculty members of Anna University will participates in International Exhibition to meet students and parents seeking admission in NRI/CIWGC/FN categories every year. On the other hand this time the faculty members of Anna University visited the schools in gulf countries to interact with the students and parents to clarify their doubts regarding UG/PG admissions and study environment in Anna University.
- In addition to that a large number of institutions / public / students have visited the exhibitions. It is an opportunity for frequent airplay of the advertisement in UAE. Tamil radio station in UAE is widely recognized as one of the favorite radio station across the Tamil Diaspora hailing from Gulf Countries comprising the target audience of about 800000 tamil speakers.

  Hence this year the NRI student strength was almost doubled compared to last few years.

(x) Centre for Intellectual Property Rights

- Centre for Intellectual Property Rights has well established Anna University Intellectual Property Policy.

- Centre for Intellectual Property Rights bear 75% of the patent filing fee for the Patent application filed in the Indian Patent office by the Anna University personnel.

(xi) SC/ST Cell

- SC/ST Cell actively conducts remedial coaching classes for the students who are weak in some subjects.
- Cell is involved in providing relevant information related to admission, educational loan, scholarship etc., to students attending counseling every year in association with Adi Dravidar Welfare Department.
- SC/ST Cell along with Equal opportunity Cell jointly conducts workshops on Personality Development, Entrepreneurship Development and other motivational lectures for students.

7.4 Contribution to environmental awareness / protection

- One day Seminar on Waste Management for Sustainable Future on March 11th 2017 nearly 45 participants from all over Tamilnadu attended the Seminar in the CES Conference Hall- main focus was on Sustainable Future.
- A Seminar was conducted on World Water Day on 22nd March 2017 nearly 80 participants were attended the Seminar in the CES Muthian Auditorium, Anna University, Chennai.
- Two days National Conference on "Trends in Environmental Engineering Management and Science – (TEEMS"17) was conducted on 9th and 10th February 2017 at Muthian Auditorium, CES, Anna University nearly 100 participants from all over Tamilnadu attend the Conference ,main theme was Environmental Management .

7.5 Whether environmental audit was conducted? NO

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

STRENGTHS

- Highly qualified Teachers
- High quality student intake. Being toppers, Anna University students are brilliant and bubbling with ideas for many co-curricular and extracurricular activities in addition to their excellence in academic and research
- Choice Based Credit System
- Innovative Teaching Learning and Evaluation

- Establishment of several National facilities (NHHID, NCSCM, IRS, CGC etc.,) owing to capabilities to pursue inter disciplinary research in a variety of areas
- Creating autonomous Centres/Institutes (CWR, CES, IOM, IES, CIA, CUIC, CTDT, CIPR etc.,) under the directorship of an actively researching senior faculty to carry out collaborative research with large funding, take up consultancy work and offer programmes in emerging areas of tremendous future potential and tie-up with industry
- Adequate infrastructure to cater to the needs of all the stake holders

OPPORTUNITIES

- Capitalise the global recognition of the curriculum and syllabi and bring about credit sharing with international universities.
- Sensitising teachers and training them to tackle various professional challenges and make them develop into transformers of student society is a challenging opportunity.
- Excellent climate and track-record for interdisciplinary and multi-institutional research output in turn results in offers for more such mega projects
- A large number of research projects provide fellowship opportunities in thrust areas so that Ph.D. as well as research experience is futuristic providing potential to be absorbed in reputed institutions and industries.
- Many reputed national and international organizations have signed MoUs in a variety of fields providing excellent opportunities for research collaboration.
- Training huge number of graduates for employability and sourcing employment through an exclusive Centre for University Industry Collaboration for the whole State provides a great opportunity to come up with sustainable models that can be replicated throughout the Country.
- Credit sharing mechanisms among technical and non-technical institutions, flexible modes of education and exchange programmes with foreign Universities etc are opportunities for innovations in educational management and leadership

WEAKNESS

- Recruitment of additional faculty members in State University is an involved process
- Intense research and educational administration becomes obsessive and senior faculty get preoccupied with regional and national obligations compromising teaching obligations
- Though ICT is extensively used for academic administration, there is a need for integrated e-governance to speed up policy implementation and maintain up-to-date record of happenings and achievements

CHALLENGES

- Promoting the innovative programmes offered in the university among the public and clarifying the apprehensions of the students towards the selection of new courses and its scope.
- Introduction of application oriented programmes to attract students from India and abroad for pursuing higher studies.
- Development of computerized integrated TLE is another challenge requiring major changes in the mindset of University management, administration, teachers and the students.
- Establishing robust mechanisms to convert laboratory research into useful products of industrial need/interest.
- Boom in IT sector and better employability of Anna University graduates, it is becoming a challenge to get bright students to take up full time research for Ph.D. degree or for working in projects in engineering fields
- Balancing academic, research & administrative responsibilities of senior faculty members in the affiliation scenario is a major challenge for the management, as their experience and leadership are also crucial to University's performance.
- The re-orientation to the new order of fostering interdisciplinary degrees and research requiring multi departmental interactions and sharing of resources.
- Overcoming technology obsolescence and getting rid of old infrastructure and materials to create space and facilities for new ones at a rapid phase has become a challenge due to stringent procedures and policies to be followed.

8. Plans of institution for next year

- Successful participation for "Institute of Eminence" (IoE) recognition
- NBA accreditation for the eligible programmes of the University
- Successful participation for NIRF ranking.

Name _____ *Name* _____

_____ _____

Signature of the Coordinator, IQAC *Signature of the Chairperson, IQAC*

_____***_____

PART B

DEPARTMENTWISE DETAILS

- CEG CAMPUS

5.1Civil Engineering

5.1.1 Dept. of Civil Engineering

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
70	23	19	28	-

2.2 No. of permanent faculty with Ph.D.

57

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

1	-	9

Criterion – III
3. Research, Consultancy and Extension

3.4 Details on research publications

	International	National	Others
Peer Review Journals	13	-	-
Non-Peer Review Journals			
e-Journals			
Conference proceedings		6	

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				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored		1.		
Projects sponsored by the University/ College				
Students research projects *(other than compulsory by the University)*				
Any other(Specify)				
Total				

5.1.2. Centre for Water Resources

1.3 Feedback from stakeholders* Alumni Parents Employers Students

(On all aspects)

Mode of feedback : Online YES Manual [ ] Co-operating schools (for PEI) [ ]

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
18	8	4	6	-

2.2 No. of permanent faculty with Ph.D. 15

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 - - 3

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	3	11	-
Presented papers	1	3	-
Resource Persons	-	5	10

2.10 Average percentage of attendance of students 75%

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	NIL
UGC – Faculty Improvement Programme	NIL
HRD programmes	NIL

Orientation programmes	NIL
Faculty exchange programme	1
Staff training conducted by the university	NIL
Staff training conducted by other institutions	NIL
Summer / Winter schools, Workshops, etc.	3
Others	NIL

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	12	-	-	-
Technical Staff	18	-	-	-

Criterion – III

3. Research, Consultancy and Extension

3.2 Details regarding major projects **NIL**

	Completed	Ongoing	Sanctioned	Submitted
Number				
Outlay in Rs. Lakhs				

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	8	-	-	-
Outlay in Rs. Lakhs	18.83	-	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	4	5	-
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
Conference proceedings	-	-	-

3.5 Details on Impact factor of publications:

Range | Average 9 | 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	-	-	-	-
Minor Projects	6	TWAD,CLRI,BPCL,PWD	14.47	14.47
Interdisciplinary Projects	-	-	-	-
Industry sponsored	1	L&T	4.22	4.22
Projects sponsored by the University/ College	1	CTDT	0.16	0.16
Students research projects *(other than compulsory by the University)*	-	-	-	-
Any other(Specify)	-	-	-	-
Total	8		18.85	18.85

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

ii) Without ISBN No. NIL

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	-	2	-	1	-
Sponsoring agencies	-	-	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons 6

3.13 No. of collaborations International National 1 Any other -

3.14 No. of linkages created during this year 1

3.17 No. of research awards/ recognitions received by faculty and research fellows

Of the institute in the year **NIL**

Total	International	National	State	University	Dist	College

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	63	16	16	-	-	7	16	24
Added	1	1	-	-	-	-	-	-
Total	64	-	-	-	-	-	-	-

4.6 Amount spent on maintenance in lakhs :

iii) Equipments 0.15

iv) Others 1.31

Total : 1.46

Criterion – V

5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
53	60	19	-

(b) No. of students outside the state NIL

(c) No. of international students NIL

Men	No	%
	57	

Women	No	%
	80	64

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
						7	21	1	103	NIL	132

Demand ratio Dropout %

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

NIL

No. of students beneficiaries | NIL |

5.5 No. of students qualified in these examinations

NET	-	SET/SLET	-	GATE	8	CAT	-

IAS/IPS etc	-	State PSC	-	UPSC	-	Others	-

Criterion – VI

6. Governance, Leadership and Management

6.11 Activities and support from the Alumni Association

Anuthaman endowment lecture is conducted every year.

6.12 Activities and support from the Parent – Teacher Association

-

6.13 Development programmes for support staff

Faculty Development Training Programme and Workshops attended by faculty members

Name: _____ *Name:* _____

Signature: _____ *Signature:* _____

(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.1.3.Centre for Environmental Studies

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

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

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
13	6	1	6	-

2.2 No. of permanent faculty with Ph.D. 9

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 - - - -

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	3	3	6
Presented papers	-	7	-
Resource Persons	-	-	-

2.10 Average percentage of attendance of students 80%

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	
UGC – Faculty Improvement Programme	
HRD programme	
Orientation programme	
Faculty exchange programme	
Staff training conducted by the university	2
Staff training conducted by other institutions	6
Summer / Winter schools, Workshops, etc.	
Others	

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	2	1	-	--
Technical Staff	9	1	-	2

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number			1	
Outlay in Rs. Lakhs			22.10	

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	21	-		
Outlay in Rs. Lakhs	51.94			

3.4 Details on research publications

	International	National	Others
Peer Review Journals	6	1	
Non-Peer Review Journals	2		
e-Journals			
Conference proceedings			

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	2 years	L&T, Chennai	22.10	Received
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects *(other than compulsory by the University)*				
Any other(Specify)				
Total				

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

ii) Without ISBN No. [ ]

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number	-	1	-	-	-
Sponsoring agencies	-	DST-FIST	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons 6

3.13 No. of collaborations International [ ] National [ ] Any other [ ]

3.14 No. of linkages created during this year [ ]

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
4	-	-	-	4	-	-

Criterion – IV
4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	28	14	LAN 1GBPS			3		14
Added	1					1		
Total								

4.6 Amount spent on maintenance in lakhs :

iii) Equipments [ ]

iv) Others [ ]

Total : [ ]

Criterion – V
5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
	44	28	

(b) No. of students outside the state --

(c) No. of international students | -- |

Men	No	%
	17	39

Women	No	%
	27	61

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
	10	-	-	-							

Demand ratio Dropout %

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

5.5 No. of students qualified in these examinations

NET		SET/SLET		GATE	6	CAT	
IAS/IPS etc		State PSC		UPSC		Others	

Criterion – VI

6. Governance, Leadership and Management

6.11 Activities and support from the Alumni Association

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

Name: _____ *Name:* _____

Signature: _____ *Signature:* _____

(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.1.4 Division of Structural Engineering

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

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

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
15	3	7	5	-

2.2 No. of permanent faculty with Ph.D. 14

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 - - -

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	6	15	-
Presented papers	3	9	-
Resource Persons	1	5	17

2.10 Average percentage of attendance of students

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	
UGC – Faculty Improvement Programme	9
HRD programmes	
Orientation programmes	2
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	7
Others	

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			-	1
Technical Staff	5		-	2

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number				
Outlay in Rs. Lakhs				

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	13	-	-
Non-Peer Review Journals			
e-Journals			
Conference proceedings		6	

3.5 Details on Impact factor of publications:

Range 0.6 – 3.7 Average 1.3 h-index 15 Nos. in SCOPUS 13

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				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored	0.1 to 1	2. TNSCB 3. Design Centre, Mylapore 4. TNHB 5. VME Reality	42.55	42.55
Projects sponsored by the University/ College				
Students research projects *(other than compulsory by the University)*				
Any other(Specify)				
Total				

3.7 No. of books published i) With ISBN No. 1 Chapters in Edited Books

ii) Without ISBN No.

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number					
Sponsoring agencies					

3.12 No. of faculty served as experts, chairpersons or resource persons 14

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

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

Criterion – IV
4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	60	1	1 server					
Added								
Total								

4.6 Amount spent on maintenance in lakhs :

iii) Equipments -

iv) Others -

Total : -

Criterion – V
5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
	49		

(b) No. of students outside the state 1

(c) No. of international students 1

Men

No	%

Women

No	%

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total

Demand ratio Dropout %

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

5.5 No. of students qualified in these examinations

NET SET/SLET GATE CAT

IAS/IPS etc State PSC UPSC Others

Criterion – VI

6. Governance, Leadership and Management

6.11 Activities and support from the Alumni Association

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

Name: _____ *Name:* _____

Signature: _____ *Signature:* _____

(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.1.5. Division of Soil Mechanics & Foundation Engineering

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online [ ] Manual [ ] Co-operating schools (for PEI) [ ]

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
4	_	1	3	_

2.2 No. of permanent faculty with Ph.D. 4

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 [ ] [ ] 1

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended		4	4
Presented papers	2	4	4
Resource Persons	_	4	4

2.10 Average percentage of attendance of students 85%

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	_
UGC – Faculty Improvement Programme	_
HRD programmes	_
Orientation programmes	_
Faculty exchange programme	_
Staff training conducted by the university	_
Staff training conducted by other institutions	_
Summer / Winter schools, Workshops, etc.	_
Others/Seminar	1

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	1	-	-	-
Technical Staff	4	-	-	-

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	7	-	7	7
Outlay in Rs. Lakhs	15.79525	-	15.79525	15.79525

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	8	-	8	8
Outlay in Rs. Lakhs	1.78550	-	1.78550	1.78550

3.4 Details on research publications

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

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				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects *(other than compulsory by the University)*				
Any other(Specify)				
Total				

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

ii) Without ISBN No. -

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number					
Sponsoring agencies		IGC			

3.12 No. of faculty served as experts, chairpersons or resource persons 4

Criterion – IV
4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	20	1						
Added								
Total	20	1						

4.6 Amount spent on maintenance in lakhs :

iii) Equipments 2.48770

iv) Others 3.71230

Total : 6.20000

Criterion – V
5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
	19		

(b) No. of students outside the state 1

Name: _____ *Name:* _____
Signature: _____ *Signature:* _____
(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.1.6.Institute of Remote Sensing

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
12	4	5	3	-

2.2 No. of permanent faculty with Ph.D. 8

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 - - 1

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	-	2	-
Presented papers	1	-	-
Resource Persons	-	-	-

2.10 Average percentage of attendance of students 75%

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	4	-	-	9
Technical Staff	12	-	-	10

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	20	5	15	20
Outlay in Rs. Lakhs	436.61	109.15	30.2	436.61

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	3	7	3	3
Outlay in Rs. Lakhs	150	300	250	150

3.4 Details on research publications

	International	National	Others
Peer Review Journals			
Non-Peer Review Journals	-	-	-
e-Journals	1	5	-
Conference proceedings	-	2	-

3.5 Details on Impact factor of publications:

Range | Average | h-index | Nos. in SCOPUS 3.7

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	-	-	-	-
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects *(other than compulsory by the University)*	-	-	-	-
Any other(Specify)	2016-2017	DST CSIR ACRF	4,10,000 4,56,800 1,92,000	
Total			10,58,000	

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
-	-	-	-	-	-	-

Criterion – IV
4. Infrastructure and Learning Resources

1.4 Technology up gradation (overall)

1.5

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	130	7	-	-	-	1	-	1
Added	5	-	-	-	-	-	-	-
Total	135	-	-	-	-	-	-	-

4.6 Amount spent on maintenance in lakhs :

iii) Equipments	15.32
iv) Others	31.41
Total :	46.73

Criterion – V
5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
55	37	14	-

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

5.5 No. of students qualified in these examinations

NET	SET/SLET	GATE	CAT
		5	

IAS/IPS etc	State PSC	UPSC	Others

Name: _____ *Name:* _____
Signature: _____ *Signature:* _____
(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.1.7. Institute of Ocean Management

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
2	-Nil-	-Nil-	2	-Nil-

2.2 No. of permanent faculty with Ph.D. 2

2.4 No. of Guest and Visiting faculty and Temporary faculty 4 | Asst. Prof. (DST-Inspire | TF - 3 T

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	2	15	
Presented papers	2	3	
Resource Persons			

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

More practical classes and smart classes.

2.7 Total No. of actual teaching days during this academic year 180

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

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop 2

2.10 Average percentage of attendance of students 95%

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
M.Tech Coastal Management	21	13	7	1	-	100%

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	1	2	-	3
Technical Staff	-	4	-	4

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	4	-	-
Outlay in Rs. Lakhs	-	80.95	-	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	4	-	-
Outlay in Rs. Lakhs	-	19.12	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	9	16	
Non-Peer Review Journals			
e-Journals			
Conference proceedings			

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	2016-17	MoEF GMoS DST – INSPIRE NCSCM	80.95	80.95
Minor Projects	2016-17	NCSCM NCSCM NCSCM	13.31	13.31
Interdisciplinary Projects	--	--	--	--
Industry sponsored	2016-17	L&T Ship Building Pvt. Ltd.	05.81	05.81
Projects sponsored by the University/ College	--	--	--	--
Students research projects *(other than compulsory by the University)*	--	--	--	--
Any other(Specify)	--	--	--	--
Total	--	--	100.07	100.07

3.9 For colleges Autonomy [ ] CPE [ ] DBT Star Scheme [ ]

INSPIRE [ ] CE [ ] Any Other (specify) [DST-PURSE]

3.10 Revenue generated through consultancy [Rs.19.12 lakhs]

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	2	3		1	
Sponsoring agencies	Univ. of Amsterdam, The Netherland & TNFU, Govt. TN. Tuticorin	IOM, AU		TNFU, Govt. TN Tuticorin	

3.12 No. of faculty served as experts, chairpersons or resource persons [2]

3.13 No. of collaborations International [2] National [2] 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 [Rs.94.26 Lakhs] From Management of University/College [-]

Total [Rs. 94.26 lakhs]

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them [2] [22]

3.19 No. of Ph.D. awarded by faculty from the Institution [4]

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

[2]

JRF	SRF		Project Fellows		Any other	

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

The Government of India / Tamil Nadu State Government has recently declared the Integrated Coastal Management as a "priority/ emerging area"

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				
Class rooms	2	-	-	1
Laboratories	2	-	-	2
Seminar Halls	2	-	-	2
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	2	-	Infrastructure Development Fund	2
Value of the equipment purchased during the year (Rs. in Lakhs)	9.91 lakhs	-	Infrastructure Development Fund	9.91 lakhs
Others (office equipment Xerox machine)	-	-	-	-

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	730	Rs.1.2 lakh appx.	-	-	-	-
Reference Books						
e-Books						
Journals	28	Rs.0.17 lakhs appx.	-	-	-	-
e-Journals						
Digital Database						
CD & Video						
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	25	12	AU, RCC	-	-	5	-	8
Added								
Total	25	12		-	-	5	-	8

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

Total computers = 23 - Internet access via fiber wire connected from RCC to IOM

Criterion – V
5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
	41	22	

(b) No. of students outside the state 2

(c) No. of international students --

Men

No	%

Women

No	%

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
3	4		15		22	3	4		13		20

Demand ratio Dropout % 2.5

5.5 No. of students qualified in these examinations

NET SET/SLET GATE 1 CAT

IAS/IPS etc State PSC UPSC Others

5.7 Details of campus placement

On campus			***Off Campus***
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
2	3	4	6

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution		
Financial support from government	6	Not yet received
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

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Mission

Management of ocean and coastal environment and their resources for sustainable livelihood security of coastal and ocean dependent communities and users through research, education and training.

Activities

- Research in areas of Ocean and Coastal Resources Management
- Collection of conventional and non-conventional data and information on various aspects of the coastal zone and oceans
- Operation of a user service in order to disseminate data and information relating to coastal and marine resources utilization
- Exchange of data and information with other institutions in the national and international level through information networks
- Preparation of reports and management plans for coastal and marine area to reconcile the needs of growth and development with concern for environmental quality
- Providing training in methodologies in coastal and marine environment related activities

No

Governments.

6.3.1 Curriculum Development

As per University norms

6.3.7 Faculty and Staff recruitment

1 DST – INSPIRE FACULTY ADDED
3 TF RECRUITED

6.3.8 Industry Interaction / Collaboration

L & T for consultancy work; INDOMER Coastal Hydraulics Pvt. Ltd. & NIOT for academic activities

6.3.9 Admission of Students

Through TANCA

6.5 Total corpus fund generated

Teaching	
Non teaching	
Students	

6.6 Whether annual financial audit has been done Yes ✓ No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No		Yes	AU
Administrative			Yes	AU

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

For UG Programmes Yes [ ] No [ ]

For PG Programmes Yes [√] No [ ]

Name _____ *Name* _____

_____ _____

Signature of the Coordinator, IQAC *Signature of the Chairperson, IQAC*

_____***_____

5.1.8. DIVISION OF TRANSPORTATION ENGINEERING

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
5	2	1	2	--

2.2 No. of permanent faculty with Ph.D.

4

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

--	--	--

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended			
Presented papers		3	
Resource Persons		2	

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	4
Others	

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
Admin: 1) Steno 2) Office Asst.	1 1	-- 1	-- --	-- --
Technical staff	4	--	--	--
Driver	1	1	--	1

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	1	--	--
Outlay in Rs. Lakhs	100.45	1.00	--	--

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	10			
Outlay in Rs. Lakhs	2.16			

3.4 Details on research publications

	International	National	Others
Peer Review Journals	--	--	--
Non-Peer Review Journals	--	--	--
e-Journals	--	--	--
Conference proceedings	--	6	--

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				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College	1 year	CoET, NIT Trichirappalli	Rs 1,00,000	Rs 1,00,000
Students research projects *(other than compulsory by the University)*	6 Months	CTDT	Rs.65,000	--
Any other(Specify)				
Total				

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number		1			
Sponsoring agencies		1.P& D, AU 2.CTDT, AU 3.Highways Dept 4. DARASHAW Pvt Ltd 5.CMDA 6. L&T 7.Taisei Pvt Ltd			

3.12 No. of faculty served as experts, chairpersons or resource persons 3

Criterion – IV
4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	17	9	--	--	--	3	5	--
Added	--	--	--	--	--	--	--	--
Total	17	9	--	--	--	3	5	--

4.6 Amount spent on maintenance in lakhs :

iii) Equipments	1,89,648
iv) Others	1,34,745
Total :	3,24,393

Criterion – V
5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
	34	15	

(b) No. of students outside the state: 1

(c) No. of international students: --

Men	No	%
	22	65

Women	No	%
	12	35

Demand ratio

Dropout % 10%

Criterion – VI

6. Governance, Leadership and Management

6.11 Activities and support from the Alumni Association

1. The UEAA and AACEG organises .Dr.T.Anantharajan Memorial Endowment Lecture for M.E. Transportation Engg. Students
2. Aandavar Award for the best Innovative Project of M.E Transportation Engineering Programme

Name: _____ *Name:* _____

Signature: _____ *Signature:* _____

(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.2.Mechanical Engineering

Criterion – II . Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Central Workshop Division:

Total	Asst. Professors	Associate Professors	Professors	Others
15	7	4	4	---

Engineering Design Division

Total	Asst. Professors	Associate Professors	Professors	Others
7	3	2	2	-

Internal Combusition Engineering

Total	Asst. Professors	Associate Professors	Professors	Others
6	3	0	3	-

Refrigeration Air conditioning Division:

Total	Asst. Professors	Associate Professors	Professors	Others
4	2	-	2	-

Institute for Energy Studies:

Total	Asst. Professors	Associate Professors	Professors	Others
7	3	--	4	--

A.U - F.R.G – Institute for CAD/CAM:

Total	Asst. Professors	Associate Professors	Professors	Others
5	3	1	1	-

2.2 No. of permanent faculty with Ph.D.

	14
Central Workshop Division:	7
Engineering Design Division:	5
Internal Combustion Engineering Division:	3
Refrigeration Air conditioning Division:	7

Institute for Energy Studies:

A.U.- F.R.G.- Institute for CAD/CAM: 4

2.4: No. of Guest and Visiting faculty and Temporary faculty

Central Workshop Division:	-	-	04
Engineering Design Division:	-	-	2
Internal Combustion Engineering Division:	-	-	01
Refrigeration Air conditioning Division:	-	01	01
Institute for Energy Studies:	-	-	04
A.U.- F.R.G.- Institute for CAD/CAM:	-	-	01

2.5 Faculty participation in conferences and symposia:

Central Workshop Division:

No. Of Faculty	International level	National level	State level
Attended	23	17	6
Presented papers	24	15	2
Resource Persons	1	2	4

Engineering Design Division:

No. Of Faculty	International level	National level	State level
Attended	-	-	-
Presented papers	1	-	-
Resource Persons	-	-	-

Refrigeration Air conditioning Division:

No. Of Faculty	International level	National level	State level
Attended	5	-	-
Presented papers	3	-	-
Resource Persons	-	-	-

Institute for Energy Studies:

No. Of Faculty	International level	National level	State level
Attended	-	-	4
Presented papers	-	-	-
Resource Persons	-	-	-

A.U.- F.R.G.- Institute for CAD/CAM:

No. Of Faculty	International level	National level	State level
Attended	2	-	-
Presented papers	2	-	-
Resource Persons	-	-	-

2.10 Average percentage of attendance of students

Central Workshop Division:	82.7
Engineering Design Division:	90
Internal Combustion Engineering Division:	75
Refrigeration and Air conditioning Division:	80
Institute for Energy Studies:	90
A.U.- F.R.G.- Institute for CAD/CAM:	80

2.13 Initiatives undertaken towards faculty development:

Central Workshop Division:

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	2
UGC – Faculty Improvement Programme	4
HRD programmes	1
Orientation programmes	1
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	-
Others	-

Internal Combustion Engineering Division:

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	-
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	-
Others	GIAN Course – 1 No. (An Advanced Introduction to Computational Fluid Dynamics with OpenFOAM)

Refrigeration Air conditioning Division:

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	1
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	4
Others	-

Institute for Energy Studies:

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	-
UGC – Faculty Improvement Programme	-
HRD programmes	3
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	-
Others	-

A.U.- F.R.G.- Institute for CAD/CAM:

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	1
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	-
Others	-

2.14: Details of Administrative and Technical staff

Central Workshop Division

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	1	-	-	-
Technical Staff	14	-	-	-

Engineering Design Division:

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	1	-	-	-
Technical Staff	2	-	-	-

Internal Combustion Engineering Division:

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	01	-	-	01
Technical Staff	04	-	-	-

Refrigeration Air conditioning Division:

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	-	-	-	-
Technical Staff	3	-	-	-

Institute for Energy Studies:

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	2	-	-	-
Technical Staff	2	-	-	-

A.U.- F.R.G.- Institute for CAD/CAM:

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	1	-----	----	4
Technical Staff	----	------	------	3

Criterion – III

3. Research, Consultancy and Extension

3.2. Details regarding major projects

Central Workshop Division:

	Completed	Ongoing	Sanctioned	Submitted
Number	-	7	7	3
Outlay in Rs. Lakhs	-	115.54	115.54	33.21

Engineering Design Division:

	Completed	Ongoing	Sanctioned	Submitted
Number	-	1	-	-
Outlay in Rs. Lakhs	-	-	7.825	-

Internal Combustion Engineering Division:

	Completed	Ongoing	Sanctioned	Submitted
Number	-	01	-	-
Outlay in Rs. Lakhs	-	43.8823	-	-

Refrigeration Air conditioning Division:

	Completed	Ongoing	Sanctioned	Submitted
Number	1	3	1	1
Outlay in Rs. Lakhs	10.79	105.975	14.8	40

Institute for Energy Studies:

	Completed	Ongoing	Sanctioned	Submitted
Number	-	4	3	4
Outlay in Rs. Lakhs	-	150	100	2500

3.3. Details regarding minor projects

Central Workshop Division:

	Completed	Ongoing	Sanctioned	Submitted
Number	-	4	4	1
Outlay in Rs. Lakhs	-	0.75	0.75	0.17

A.U.- F.R.G.- Institute for CAD/CAM:

	Completed	Ongoing	Sanctioned	Submitted
Number	12	-	-	-
Outlay in Rs. Lakhs	10.95	-	-	-

3.4 Details on research publications

Central Workshop Division:

	International	National	Others
Peer Review Journals	27	4	-
Non-Peer Review Journals	9	3	2
e-Journals	-	-	-
Conference proceedings	23	4	1

Engineering Design Division:

	International	National	Others
Peer Review Journals	34	-	-
Non-Peer Review Journals	1	-	-
e-Journals	-	-	-
Conference proceedings	6	3	-

Internal Combustion Engineering Division:

	International	National	Others
Peer Review Journals	02	-	-
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
Conference proceedings	-	-	-

Refrigeration Air conditioning Division:

	International	National	Others
Peer Review Journals	8	-	-
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
Conference proceedings	9	-	-

Institute for Energy Studies:

	International	National	Others
Peer Review Journals	42	-	-
Non-Peer Review Journals	1	-	-
e-Journals	-	-	-
Conference proceedings	5	2	-

A.U.- F.R.G.- Institute for CAD/CAM:

	International	National	Others
Peer Review Journals	09	-	-
Non-Peer Review Journals	05	-	-
e-Journals	01	-	-
Conference proceedings	04	-	-

3.5. Details on Impact factor of publications:

Central Workshop Division:

Range 1-3.5 Average 2.1 h-index 10 Nos. in SCOPUS 3

Engineering Design Division:

Range 1-4 Average **2.3** h-index 10 Nos. in SCOPUS 18

Refrigeration Air conditioning Division:

Range 1 - 6 Average 2.5 h-index 18 Nos. in SCOPUS 23

Institute for Energy Studies:

Range 0-7 Average 2.5 h-index 4 Nos. in SCOPUS 32

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

Central Workshop Division:

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (Rupees)	Received (Rupees)
Major projects	3	DST, CVRDE-CARS,DBT,SERB,CTDT, AU, DST	1,15,00,000	73,00,000
Minor Projects	1	AU	61,250	33,000
Interdisciplinary Projects	-	-	-	-
Industry sponsored	1	AU	21,250	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects *(other than compulsory by the University)*	-	-	-	-
Any other(Specify)	-	-	-	-
Total				

Engineering Design Division:

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (Lakhs)	Received (Lakhs)
Major projects	1	CVRDE	7.825	2.4
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects *(other than compulsory by the University)*	-	-	-	-
Any other(Specify)	-	-	-	-
Total				

Internal Combustion Engineering Division:

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (Rupees)	Received (Rupees)
Major projects	3	DST - CERI	Rs. 43,88,230/-	Rs. 43,88,230/-
Minor Projects	---			
Interdisciplinary Projects	---			
Industry sponsored	3	M/s. Renault Nissan	Rs. 11,54,500/-	-
Projects sponsored by the University/ College	---			
Students research projects *(other than compulsory by the University)*	---			
Any other(Specify)	---			
Total	6	-	Rs. 55,42,730/-	Rs. 43,88,230/-

Refrigeration Air conditioning Division:

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (Lakhs)	Received (Lakhs)
Major projects	2014- 2017	DST	50.52	50.52
	2013-2017	UGC	10.79	10.79
	2017-2019	DST SERB	27.775	14.80
Minor Projects	2017 - 2020	DST	26.60	8.73
Interdisciplinary Projects	-	-	-	-
Industry sponsored	2017 - 2018	HYPERION	9.36	2.34
Projects sponsored by the University/ College	-	-	-	-
Students research projects *(other than compulsory by the University)*	-	-	-	-
Any other(Specify)	-	-	-	-
Total			125.045	87.18

Institute for Energy Studies:

Nature of the Project		Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	Solar Thermal	2016-19	DST, New Delhi	1966800	1525600
	Desalination	2016-19	DST, New Delhi	3535000	636000
	Energy Storage	2017-20	DST, New Delhi	4541800	940000
Minor Projects		-	-	-	-
Interdisciplinary Projects		-	-	-	-
Industry sponsored		-	-	-	-
Projects sponsored by the University/ College		-	-	-	-
Students research projects *(other than compulsory by the University)*		--	-	-	-
Any other(Specify)		-	-	-	-
Total				1,00,43,600	31,01,600

3.7 No. of books published :

Central Workshop Division:

i) With ISBN No. [-] Chapters in Edited Books [1]

ii) Without ISBN No. [-]

Institute for Energy Studies:

i) With ISBN No. [1] Chapters in Edited Books [-]

ii) Without ISBN No. [-]

3.11. No. of conferences organized by the Institution

Central Workshop Division:

Level	International	National	State	University	College
Number	1	-	-	-	-
Sponsoring agencies	-	-	-	-	-

Engineering Design Division:

Level	International	National	State	University	College
Number	1	-	-	-	-
Sponsoring agencies	Dept. Of Mech. Engg, CTDT, CIA etc.,	-	-	-	-

Institute for Energy Studies:

Level	International	National	State	University	College
Number	-	3	-	-	-
Sponsoring agencies	-	A ppadurai Chair for Power System, Anna University & Pvt. Engg. Colleges	-	-	-

3.12 No. of faculty served as experts, chairpersons o\r resource persons

Central Workshop Division: 01

Engineering Design Division: -

Internal Combustion Engineering Division: 04

Refrigeration Air conditioning Division: 02

Institute for Energy Studies: 16

A.U.- F.R.G.- Institute for CAD/CAM: 02

3.13 No. of collaborations, International, National , Any Other

Refrigeration Air conditioning Division:

International 1 National - Any other -

Institute for Energy Studies:

International 1 National 2 Any other -

3.14 No. of linkages created during this year:

Central Workshop Division: -

Engineering Design Division: 02

Internal Combustion Engineering Division: 02

Refrigeration Air conditioning Division: 01

Institute for Energy Studies: 07

A.U.- F.R.G.- Institute for CAD/CAM: -

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

Central Workshop Division:

Total	International	National	State	University	Dist	College
2	1	1	0	0	0	0

Institute for Energy Studies:

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

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

Central Workshop Division:

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	14	1	15	-	-	1	--	-
Added	--	-	--	-	--	-	--	-
Total	14	1	15	--	-	1	--	-

Engineering Design Division:

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	73	2	73	-	-	1	-	-
Added	6	-	6	-	-	-	-	-
Total	79	2	79	-	-	1	-	-

Internal Combustion Engineering Division:

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	22	17	-	-	-	1	4	-
Added	-	-	-	-	-	-	-	-
Total	22	17	-	-	-	1	4	-

Refrigeration Air conditioning Division:

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	4	8	11	---	---	2	---	2
Added	---	3	---	---	---	---	---	---
Total	4	11	11	---	---	2	---	2

Institute for Energy Studies:

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	40	1	40	-	-	1	-	-
Added	-	-	-	-	-	-	-	-
Total	40	1	40	-	-	1	-	-

A.U.- F.R.G.- Institute for CAD/CAM:

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	46	1	23	-	-	1	-	-
Added	5	-	5	-	-	-	-	-
Total	51	1	28	-	-	1	-	-

4.6. Amount spent on maintenance in lakhs :

Central Workshop Division

iii) Equipments	3
iv) Others	2
Total :	5

Engineering Design Division:

iii) Equipments	-
iv) Others	1.49
Total :	1.49

Internal Combustion Engineering Division:

iii) Equipments	1.128
iv) Others	0.872
Total :	2

Refrigeration Air conditioning Division:

4.6 Amount spent on maintenance in lakhs :

iii) Equipments	1.5
iv) Others	-
Total :	1.5

Institute for Energy Studies:

iii) Equipments	78
iv) Others	2
Total :	80

A.U.- F.R.G.- Institute for CAD/CAM:

iii) Equipments	1.62
iv) Others	0.99
Total :	2.61

Criterion – V

5. Student Support and Progression

Central Workshop Division

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
652	26	7	0

(b) No. of students outside the state: 5

(c) No. of international students: 0

Men

No	%
498	72.7

Women

No	%
154	33.3

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
247	75	121	55	-	653	249	75	121	55	-	655

Demand ratio 100 **Dropout % 0.05**

Engineering Design Division:

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
-	79	27	-

(b) No. of students outside the state: -

(c) No. of international students | 1 |

Men	No	%
	77	-

Women	No	%
	2	-

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
5	4	2	29	-	40	3	5	-	31	-	39

Demand ratio Dropout %

Internal Combustion Engineering Division:

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
---	21	15	---

(b) No. of students outside the state | 3 |

(c) No. of international students | - |

Men	No	%
	20	95

Women	No	%
	1	5

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
01	4	-	13	-	18	-	5	-	16	-	21

Demand ratio: N/A Dropout % 0

Refrigeration Air conditioning Division:

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
-	36	7	-

(b) No. of students outside the state | 3 |

(c) No. of international students | -- |

Men	No	%
	-	

Women	No	%
	-	-

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1	5	-	12	-	18	2	6	-	10	-	18

Demand ratio 0.9 Dropout % 10

Institute for Energy Studies:

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
-	167	40	-

(b) No. of students outside the state 5

(c) No. of international students -

Men

No	%
160	-

Women

No	%
7	-

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
52	28	-	80	-	160	54	29	-	84	-	167

Demand ratio Dropout %

A.U.- F.R.G.- Institute for CAD/CAM:

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
-	55	-	-

(b) No. of students outside the state -

(c) No. of international students -

Men

No	%
-	-

Women

No	%
-	-

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
				-	56					-	55

Demand ratio Dropout % 10

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

Engineering Design Division:

1. Student Counsellor for general counselling
2. Class advisor for Academic Counselling

No. of students beneficiaries -

Institute for Energy Studies:

1. Student Counsellor for general counselling
2. Class advisor for Academic Counselling

No. of students beneficiaries 6

5.5: No. Of students qualified in these examinations

Central Workshop Division:

NET	2	SET/SLET	-	GATE	8	CAT	-
IAS/IPS etc	-	State PSC	-	UPSC	-	Others	43

Engineering Design Division:

NET	-	SET/SLET	-	GATE	12	CAT	-
IAS/IPS etc		State PSC		UPSC	-	Others	

Internal Combustion Engineering Division:

NET	-	SET/SLET	-	GATE	4	CAT	-
IAS/IPS etc	-	State PSC	-	UPSC	-	Others	-

Refrigeration Air conditioning Division:

5.5 No. of students qualified in these examinations

NET	-	SET/SLET	-	GATE	-	CAT	-
IAS/IPS etc	-	State PSC	1-TWAD	UPSC	-	Others	-

Institute for Energy Studies:

NET	-	SET/SLET	-	GATE	12	CAT	-

IAS/IPS etc	-	State PSC	-	UPSC	-	Others	-

Criterion – VI
6. Governance, Leadership and Management

Central Workshop Division:

6.11 Activities and support from the Alumni Association

-

6.12 Activities and support from the Parent – Teacher Association

-

6.13 Development programmes for support staff

National Workshop on Material Characterization, Surface and form measurements in automobile manufacturing

Institute for Energy Studies:

6.11 Activities and support from the Alumni Association

M.E – 1992 batch Alumni meet conducted 25th year. Some initiatives were made to connect all the M.E. Thermal Science Students (R&AC, Energy, ICE) for the benefit of present students.

6.12 Activities and support from the Parent – Teacher Association

-

6.13 Development programmes for support staff

Fund from University for the faculty members to attend International Conferences every year

Name: _____ *Name:* _____
Signature: _____ *Signature:* _____
(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.3. Industrial Engineering

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

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

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
10	2	4 (Including CAS)	4 (Including CAS)	

2.2 No. of permanent faculty with Ph.D. 8

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
5	1	3	---	2	1	---	---	10	2

2.4 No. of Guest and Visiting faculty and Temporary faculty 2 Nil Nil

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended			
Presented papers	4		
Resource Persons			

2.10 Average percentage of attendance of students 90 and above

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	
Faculty exchange programme	
Staff training conducted by the university	1
Staff training conducted by other institutions	1
Summer / Winter schools, Workshops, etc.	
Others	

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	1			1
Technical Staff	1			1

Criterion – III

3. Research, Consultancy and Extension

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	4			
Outlay in Rs. Lakhs	1.75			

3.4 Details on research publications

	International	National	Others
Peer Review Journals	12		
Non-Peer Review Journals			
e-Journals			
Conference proceedings			

3.5 Details on Impact factor of publications:

Range 2 Average 7 h-index 3 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				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College	1	CTDT	1 Lakh	✓
Students research projects *(other than compulsory by the University)*	1	CTDT	0.75 Lakh	✓
Any other(Specify)				
Total				

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

ii) Without ISBN No. Nil

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	Nil	Nil	Nil	Nil	Nil
Sponsoring agencies					

3.12 No. of faculty served as experts, chairpersons or resource persons 8

3.13 No. of collaborations International nil National nil Any other nil

3.14 No. of linkages created during this year | nil |

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

Total	International	National	State	University	Dist	College

Criterion – IV
4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	57	29	51	Nil	Nil	3	12	12
Added	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Total	57	Nil	57	Nil	Nil	Nil	Nil	Nil

4.6 Amount spent on maintenance in lakhs :

iii) Equipments	1.12
iv) Others	
Total :	1.12

Criterion – V
5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
223	38	15	2

(b) No. of students outside the state | 4 |

(c) No. of international students | 4 |

Men	No	%
	184	66

Women	No	%
	95	34

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
34	46		200	Nil	280	24	47		207	Nil	278

Demand ratio Dropout %

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

CAT coaching class is arranged through society of industrial engineering

No. of students beneficiaries | 30 |

5.5 No. of students qualified in these examinations

NET		SET/SLET		GATE	1	CAT	2
IAS/IPS etc		State PSC	1	UPSC		Others	

Name: _____ *Name:* _____*Dr.R.RAJU*_____

Signature: _____ *Signature:* _____

(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.4. MANUFACTURING ENGINEERING

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

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

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
8	2	1	5	-

2.2 No. of permanent faculty with Ph.D. 7

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
0	0	0	1	0	0	0	0	0	1

2.4 No. of Guest and Visiting faculty and Temporary faculty Guest - 1 Visiting - 0 Temp - 4

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	7	7	-
Presented papers	10	-	-
Resource Persons	-	-	-

2.10 Average percentage of attendance of students 89 %

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	10
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	14
Others	-

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	1	-	-	-
Technical Staff	3	-	-	-

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	-	-	-
Outlay in Rs. Lakhs	57,27,991/-	-	-	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	2	-	-	-
Outlay in Rs. Lakhs	50,000/-	-	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	26	-	-
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
Conference proceedings	-	-	-

3.5 Details on Impact factor of publications:

Range [-] Average [1.10] h-index [6] 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	2016	UGC-SAP	57,27,991	57,27,991
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	2016-17	CTDT	50,000	50,000
Students research projects *(other than compulsory by the University)*	-	-	-	-
Any other(Specify)	-	-	-	-
Total	-	-	57,77,991	57,77,991

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

ii) Without ISBN No. | - |

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number					
Sponsoring agencies					

3.12 No. of faculty served as experts, chairpersons or resource persons | 5 |

3.13 No. of collaborations International | - | National | - | Any other | - |

3.14 No. of linkages created during this year | - |

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
-	-	-	-	-	-	-

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	79	1	53	-	-	1	2	-
Added	-	-	-	-	-	-	-	-
Total	79	1	53	-	-	1	2	-

4.6 Amount spent on maintenance in lakhs :

iii) Equipments | 7,43,623/- |

iv) Others | - |

Total : | 7,43,623/- |

Criterion – V

6. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
165	22	10	Nil

(b) No. of students outside the state | 4 |

(c) No. of international students | 2 |

Men	No	%
	152	82

Women	No	%
	34	18

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
27	29	0	116	1	173	25	32	0	130	0	187

Demand ratio Dropout %

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

Remedial coaching classes are conducted by SC/ST cell, Anna University, Chennai

No. of students beneficiaries | 210 per year

5.5 No. of students qualified in these examinations

NET | - | SET/SLET | - | GATE | 1 | CAT | 1

IAS/IPS etc | - | State PSC | - | UPSC | - | Others | -

Criterion – VI

6. Governance, Leadership and Management

6.11 Activities and support from the Alumni Association

- To bring all old Students, who studied at College of Engineering, Guindy, under one forum for exchange of Knowledge, Skill and Experience amongst themselves and to disseminate them to the students of the College of Engineering and to strive for advancement of scientific knowledge for the benefit of the community and country.
- The centre is instituting various schemes of research awards especially for alumni to carry out their higher studies and research through establishment of alumni endowment. The centre is also establishing various schemes for the wards of alumni such as fee concession and grant for training programmes.
- Registering Alumni (26000 as on Date), Elect the EC Members and Office Bearers and administer the association activities, Conduct Monthly EC Meetings, Conduct Annual General Meetings, Co-ordinate with the college authorities, Give Scholarships and prizes to the students, Assist payment of fees for needy students, Conduct Alumni Day, Presentation of Distinguished Alumnus Awards, Conduct Genesis Day, Conduct Global Alumni Meet, Celebrate Teacher's Day, Conduct Endowment Lectures, Seminars and Workshops, Conduct Career Guidance Programmes and Mock Interviews, Incubation Centre.

Name: ____Dr.A.Azad_____ *Name: __Dr.P.Hariharan_____*

Signature: _____ *Signature: _____*

(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.5. Department of Mining Engineering

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online No Manual Yes Co-operating schools (for PEI) No

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
7	3	1	3	-

2.2 No. of permanent faculty with Ph.D. 4

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
0	3	0	0	0	0	0	0	0	3

2.4 No. of Guest and Visiting faculty and Temporary faculty 0 0 1

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	4	2	0
Presented papers	2	2	0
Resource Persons	0	1	0

2.10 Average percentage of attendance of students: 85%

2.13 Initiatives undertaken towards faculty development: Yes

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	0
UGC – Faculty Improvement Programme	0
HRD programmes	0
Orientation programmes	0
Faculty exchange programme	0
Staff training conducted by the university	4
Staff training conducted by other institutions	0
Summer / Winter schools, Workshops, etc.	3
Others	0

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	1	1	0	1
Technical Staff	2	2	0	0

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	0	1	0	0
Outlay in Rs. Lakhs	0	99.2 lakhs	0	0

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	0	0	0	0
Outlay in Rs. Lakhs	0	0	0	0

3.4 Details on research publications

	International	National	Others
Peer Review Journals	5	8	0
Non-Peer Review Journals	0	0	0
e-Journals	0	0	0
Conference proceedings	6	4	0

3.5 Details on Impact factor of publications:

Range 0.3-1 Average 0.5 h-index 1 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	4	National Institute of Ocean Technology	391 lakhs	391 lakhs
Minor Projects	0	0	0	0
Interdisciplinary Projects	0	0	0	0
Industry sponsored	0	0	0	0
Projects sponsored by the University/ College	0	0	0	0
Students research projects *(other than compulsory by the University)*	0	0	0	0
Any other(Specify)	0	0	0	0
Total	4		391 lakhs	391 lakhs

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

ii) Without ISBN No. Nil

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	Nil	Nil	Nil	Nil	Nil
Sponsoring agencies	Nil	Nil	Nil	Nil	Nil

3.12 No. of faculty served as experts, chairpersons or resource persons 4

3.13 No. of collaborations International - National - Any other -

3.14 No. of linkages created during this year -

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
Nil	Nil	Nil	Nil	Nil	Nil	Nil

Criterion – IV
4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	35	1	0	0	0	0	0	0
Added	0	0	0	0	0	0	0	0
Total	35	0	0	0	0	0	0	0

4.6 Amount spent on maintenance in lakhs :

iii) Equipments 5.51

iv) Others 1.08

Total : 6.59

Criterion – V
5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
104	0	4	0

(b) No. of students outside the state 3

(c) No. of international students 1

Men	No	%
	107	99

Women	No	%
	1	1

Demand ratio 65% Dropout % 1%

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
8	19	0	80	0	107	5	19	0	80	0	104

5.5 No. of students qualified in these examinations

NET [N.A.] SET/SLET [N.A.] GATE [4] CAT [0]

IAS/IPS etc [0] State PSC [0] UPSC [0] Others [0]

Name: _Mr. P. Balamadeswaran_____ *Name: _Dr.K. Srinivas_____*
Signature: _____ *Signature: _____*
(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.6. Department of Printing Technology

Part – B

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)
Mode of feedback : Online ✓ Manual Co-operating schools (for PEI)

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
8	4	1	3	--

2.2 No. of permanent faculty with Ph.D. 3

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
0	1	0	1	0	0	-	-	0	2

2.4 No. of Guest and Visiting faculty and Temporary faculty -- -- 2

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	2	8	--
Presented papers	2	3	--
Resource Persons	--	--	--

2.10 Average percentage of attendance of students 95%

2.13 Initiatives undertaken towards faculty development 7

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	--
UGC – Faculty Improvement Programme	--
HRD programmes	--
Orientation programmes	--
Faculty exchange programme	--
Staff training conducted by the university	3
Staff training conducted by other institutions	3
Summer / Winter schools, Workshops, etc.	--
Others:Seminar by Printing Technologists Forum	4

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	1	2*	--	--
Technical Staff	6	--	--	2

* Vacant Positions - Storekeeper and Office Assistant

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects :

	Completed	Ongoing	Sanctioned	Submitted
Number	--	2	--	--
Outlay in Rs. Lakhs	--	138.36	--	--

3.4 Details on research publications

	International	National	Others
Peer Review Journals	5	--	--
Non-Peer Review Journals	--	1	--
e-Journals	--	--	--
Conference proceedings	2	1	--

3.5 Details on Impact factor of publications:

Range 0.105 - 1.90 Average 1.03 h-index 72 Nos. in SCOPUS 5

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		UGC SAP DBT	75.00 63.36	2.00 --
Minor Projects	--	--	--	--
Interdisciplinary Projects	--	--	--	--
Industry sponsored	--	--	--	--
Projects sponsored by the University/ College	--	--	--	--
Students research projects *(other than compulsory by the University)*	--	--	--	--
Any other(Specify)	--	--	--	--
Total			**138.36**	**2.00**

3.12 No. of faculty served as experts, chairpersons or resource persons 7

3.13 No. of collaborations: Nil International [ ] National [ ] Any other [ ]

3.14 No. of linkages created during this year: Nil [ ]

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

Total	International	National	State	University	Dist	College
1	--	2	--	--	--	--

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	41	2						
Added	--	--						
Total	**41**	**2**						

4.6 Amount spent on maintenance in lakhs :

iii) Equipments 51,000/-

iv) Others 6,500/-

Total : 57,500/-

Criterion – V

5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
201	10	19	---

(b) No. of students outside the state 2

(c) No. of international students 0

Men

No	%
119	56

Women

No	%
92	44

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
17	34	3	148	4	202	13	28	4	166	3	211

Demand ratio NA Dropout % 4.74%

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

NA

No. of students beneficiaries | NA

5.5 No. of students qualified in these examinations

NET	--	SET/SLET	--	GATE	--	CAT	--
IAS/IPS etc	1	State PSC	1	UPSC	--	Others	2

Criterion – VI

6. Governance, Leadership and Management

6.11 Activities and support from the Alumni Association

1. 1961 Club Endowment II
2. G-66 Celestial Seven Endowment
3. Alumni Association Endowment Award 2007 - 3

6.12 Activities and support from the Parent – Teacher Association

Sponsorship for Imprint' 2017

6.13 Development programmes for support staff

Mr.R.Elumalai, Technical Assistant (Spl. Gr.) attended International Specialist Teacher Training Course in the field of Pre-Press, Press and Post-Press in Advanced Graphic Arts from June 7 to July 5, 2017 at Training Centre for Graphic Arts, Chemnitz, Germany.

Name: Mrs.M.Kanchana, Assistant Professor *Name: Dr.B.Kumar, Professor*
Signature: _____ *Signature: _____*
(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.7. Department of Electrical and Electronics Engineering

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
27	12	8	7	--

2.2 No. of permanent faculty with Ph.D.

23

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

-	16	9

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	4	9	1
Presented papers	8	2	-
Resource Persons	-	2	12

2.10 Average percentage of attendance of students 80%

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	-
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	55
Others	20

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	3	-	-	2
Technical Staff	13	-	-	2

Criterion – III

3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number		2		
Outlay in Rs. Lakhs		37.22 L		

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number		1		
Outlay in Rs. Lakhs		6 L		

3.4 Details on research publications

	International	National	Others
Peer Review Journals	38	3	-
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
Conference proceedings	14	-	-

3.5 Details on Impact factor of publications:

Range 0.5 -5 Average 1.5 h-index 4 Nos. in SCOPUS 30

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	1 year	CVRDE	17.67 L	
	1.5 years	CVRDE	19.55 L	
Minor Projects	2 years	UGC	6 L	
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects *(other than compulsory by the University)*				
Any other(Specify)				
Total				

3.12 No. of faculty served as experts, chairpersons or resource persons 2

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
3	3	-	-	-	-	-

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart -ments	Other s
Existing	80	8	yes	-	1	3	6	-
Added	-	-	-	-	-	-	-	-
Total	80	8			1	3	6	

4.6 Amount spent on maintenance in lakhs :

iii) Equipments	0.7
iv) Others	1.64
Total :	2.34

Criterion – V

5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
222	335	62	-

(b) No. of students outside the state 8

(c) No. of international students 43

Men	No	%
	289	47

Women	No	%
	330	53

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total

Demand ratio Dropout %

5.5 No. of students qualified in these examinations

NET [ ] SET/SLET [ ] GATE [20] CAT [ ]

IAS/IPS etc [ ] State PSC [ ] UPSC [ ] Others [ ]

Name: _____*Dr.A.Kavitha*_____ *Name:* _____

Signature: _____ *Signature:* _____

(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.8 Electronics and Communication Engineering

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
34	14	11	9	

2.2 No. of permanent faculty with Ph.D.

30

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

-	1	15

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	4	5	
Presented papers	5	7	
Resource Persons			

2.10 Average percentage of attendance of students

97%

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	15
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	
Others	

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	2			
Technical Staff	13			11

Criterion – III
3. Research, Consultancy and Extension

3.4 Details on research publications

	International	National	Others
Peer Review Journals	19	7	
Non-Peer Review Journals			
e-Journals			
Conference proceedings			

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	2016-2017	Dept of science and Technology	44Lakhs	
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects *(other than compulsory by the University)*				
Any other(Specify)				
Total				

3.12 No. of faculty served as experts, chairpersons or resource persons 10

Criterion – IV
4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	192	1				3		
Added	30							
Total	222							

Criterion – V

5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1008	192	50	

(b) No. of students outside the state 10

(c) No. of international students 80

	No	%		No	%
Men			Women		

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
250	62	4	-	4	320	270	60	3	-	6	340

Demand ratio Dropout %

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

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET SET/SLET GATE 9 CAT

IAS/IPS etc State PSC UPSC Others

Name: _____ *Name:* _____
Signature: _____ *Signature:* _____
(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.9 Computer Science and Engineering

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online [ ] Manual [√] Co-operating schools (for PEI) [ ]

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
28	14 (10+4)	7	7	-

2.2 No. of permanent faculty with Ph.D. 25

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
0	0	0	0	0	0	0	0	0	0

2.4 No. of Guest and Visiting faculty and Temporary faculty

Nil	Nil	23

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	3	Nil	Nil
Presented papers	29	1	Nil
Resource Persons	1	Nil	Nil

2.10 Average percentage of attendance of students 90%

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	Nil
UGC – Faculty Improvement Programme	Nil
HRD programmes	Nil
Orientation programmes	Nil
Faculty exchange programme	Nil
Staff training conducted by the university	Nil
Staff training conducted by other institutions	6
Summer / Winter schools, Workshops, etc.	19
Others	

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	2	0	1	7
Technical Staff	2	1	Nil	5

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects (> Rs 5 lakhs)

	Completed	Ongoing	Sanctioned	Submitted
Number	2	5	-	-
Outlay in Rs. Lakhs	169.60	410	-	-

3.3 Details regarding minor projects (Less than or equal to Rs 5 lakhs)

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	-
Outlay in Rs. Lakhs	-	-	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	26	-	-
Non-Peer Review Journals	9	-	-
e-Journals	-	-	-
Conference proceedings	29	1	-

3.5 Details on Impact factor of publications:

Range 0-1 Average 0.3 h-index 18 Nos. in SCOPUS 26

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 (> Rs 5 lakhs)	-			
Minor Projects (Less than or equal to Rs 5 lakhs)	-			
Interdisciplinary Projects	-			
Industry sponsored	-			
Projects sponsored by the University/ College	-			
Students research projects *(other than compulsory by the University)*	1	CTDT	20000	20000
Any other(Specify)				
Total	1			

3.7 No. of books published i) With ISBN No. 3 Chapters in Edited Books -

ii) Without ISBN No. 3

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1	-	-	-	-
Sponsoring agencies	6				

3.12 No. of faculty served as experts, chairpersons or resource persons 5

3.13 No. of collaborations International 3 National - Any other -

3.14 No. of linkages created during this year 3

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
1		1				

Criterion – IV
4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	586	437	0	0	0	7	89	53
Added	5	5	0	0	0	0	0	0
Total	591	442	0	0	0	7	89	53

4.6 Amount spent on maintenance in lakhs :

iii) Equipments 6.48

iv) Others 0.2

Total : 6.68

Criterion – V
5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
203	105	15	-

(b) No. of students outside the state 3

(c) No. of international students 27 (CIWGC, FN and NRI)

UG

Men

No	%
122	60

Women

No	%
81	40

PG

Men

No	%
25	24

Women

No	%
80	76

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
62	26	1	113	4	206	63	27	1	107	5	203
6	22	-	79		107	8	21	-	76	-	105

Demand ratio Dropout % 12/203=0.06

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

NIL

No. of students beneficiaries -

5.5 No. of students qualified in these examinations

NET SET/SLET GATE 6 CAT

IAS/IPS etc State PSC UPSC Others

Criterion – VI

6. Governance, Leadership and Management

6.11 Activities and support from the Alumni Association

Alumni Endowment Scholarships for UG Students

6.13 Development programmes for support staff

Three days workshop on "LINUX ADMINISTRATION" during 3rd- 5th March 2017

Name: Dr.S.Sudha,
Signature: _____
(Department Coordinator for IQAC)

Name: Dr.D.Manjula
Signature: _____
(Head of the Department)

5.10.Information Science and Technology

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)
Mode of feedback : Online [ ] Manual [✓] Co-operating schools (for PEI) [ ]

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
25	12	7	6	19

2.2 No. of permanent faculty with Ph.D. 24

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 - - | - | 19

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended		16	
Presented papers	22	5	
Resource Persons		18	

2.10 Average percentage of attendance of students >75%

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	
Faculty exchange programme	
Staff training conducted by the university	3
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	3
Others	

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	2	-	-	-
Technical Staff	4	-	-	-

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number		4	4	
Outlay in Rs. Lakhs		30	30	

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	7			
Outlay in Rs. Lakhs	25, 000			

3.4 Details on research publications

	International	National	Others
Peer Review Journals	68		
Non-Peer Review Journals			
e-Journals			3
Conference proceedings	42	5	

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	01.07.2016 to 30.06.2017	UGC, DIT	5.90	5.90
Minor Projects				
Interdisciplinary Projects				
Industry sponsored	01.07.2016 to 30.06.2017	CTS, INTEL	104.1	104.1
Projects sponsored by the University/ College	01.07.2016 to 30.06.2017	CTDT	25,000	25, 000
Students research projects *(other than compulsory by the University)*				
Any other(Specify)				
Total				

3.7 No. of books published i) With ISBN No. [ ] Chapters in Edited Books [3]

ii) Without ISBN No. [ ]

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number					
Sponsoring agencies					

3.12 No. of faculty served as experts, chairpersons or resource persons 18

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

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
6				6		

Criterion – IV
4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	260	5	260	-	-	3	103	-
Added	4	_	4	-	-	_	_	-
Total	264	5	264	-	-	3	103	-

4.6 Amount spent on maintenance in lakhs :

iii) Equipments 6.00

iv) Others ----

Total : 6.00

Criterion – V
5. Student Support and Progression

575.3 (a) Total Number of students

UG	PG	Ph. D.	Others
378	306	54	--

(b) No. of students outside the state | 17 |

(c) No. of international students | - |

Men	No	%	Women	No	%
	300	44		384	56

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
106	114	5	446	8	679	564 (110 - G + 454 - BC)	115	-	-	5	684

Demand ratio Dropout % 0.7

5.5 No. of students qualified in these examinations

NET | | SET/SLET | | GATE | | CAT | |

IAS/IPS etc | | State PSC | | UPSC | | Others | 5 |

Criterion – VI

6. Governance, Leadership and Management

6.11 Activities and support from the Alumni Association

6.12 Activities and support from the Parent – Teacher Association

---

6.13 Development programmes for support staff

- Linux Administration Workshop

Name: _____ *Name:* _____

Signature: _____ *Signature:* _____

(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.11. Department of Mathematics

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
28	14	4	10	-

2.2 No. of permanent faculty with Ph.D. 27

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
14		4		10		-	-	28	

2.4 No. of Guest and Visiting faculty and Temporary faculty 30

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	6	27	-
Presented papers	3	-	-
Resource Persons	-	-	-

2.10 Average percentage of attendance of students : 90%

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	-
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	50
Others	-

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	3			3
Technical Staff	-			2

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects (> Rs 5 lakhs)

	Completed	Ongoing	Sanctioned	Submitted
Number	1	1		
Outlay in Rs. Lakhs	Rs. 13,88,400/-			

3.3 Details regarding minor projects (Less than or equal to Rs 5 lakhs)

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	-
Outlay in Rs. Lakhs	-	-	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals			
Non-Peer Review Journals			
e-Journals	30	6	-
Conference proceedings			

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 (> Rs 5 lakhs)	24th February 2014 to 23rd February 2017	DST – SERB	Rs. 13,88,400/-	Rs. 13,88,400/-
Minor Projects (Less than or equal to Rs 5 lakhs)	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects *(other than compulsory by the University)*	-	-	-	-
Any other(Specify)	-	-	-	-
Total	-	-	-	-

3.7 No. of books published i) With ISBN No. 5 Chapters in Edited Books -

ii) Without ISBN No. -

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	-	1	-	-	-
Sponsoring agencies	-	Department Fund	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons 28

3.13 No. of collaborations International - National - Any other -

3.14 No. of linkages created during this year -

Criterion – IV
4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	170	2	170	-	-	1	-	-
Added	-	-	-	-	-	-	-	-
Total	170	2	170	-	-	1	-	-

Criterion – V
5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
-	359	31	-

(b) No. of students outside the state 1

(c) No. of international students 1

Men	No	%
	114+ 8 (Ph.D)	-

Women	No	%
	245+23 (Ph.D)	-

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
332	20	-	-	-	352	334	25	-	-	-	359

Demand ratio Dropout %

5.5 No. of students qualified in these examinations

NET - SET/SLET 20 GATE - CAT -

IAS/IPS etc - State PSC - UPSC - Others -

Name: ***Mr. M. CHINNADURAI*** *Name:* ***Dr. M. CHANDRASEKAR***

Signature: _____ *Signature:* _____

(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.12 Department of Physics

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
20	10	5	5	

2.2 No. of permanent faculty with Ph.D. 20

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
0		0		0		0		0	

2.4 No. of Guest and Visiting faculty and Temporary faculty 0 0 8

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	1	14	0
Presented papers	14	11	0
Resource Persons	0	1	0

2.10 Average percentage of attendance of students 85%

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	
Faculty exchange programme	
Staff training conducted by the university	2
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	2
Others	

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	0		0	0
Technical Staff	4		0	0

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects (> Rs 5 lakhs)

	Completed	Ongoing	Sanctioned	Submitted
Number	1	7	1	0
Outlay in Rs. Lakhs	8.978	116.932	25.25	0

3.3 Details regarding minor projects (Less than or equal to Rs 5 lakhs)

	Completed	Ongoing	Sanctioned	Submitted
Number	2	0	0	0
Outlay in Rs. Lakhs	1	0	0	0

3.4 Details on research publications

	International	National	Others
Peer Review Journals	61	2	0
Non-Peer Review Journals	0	0	0
e-Journals	0	0	0
Conference proceedings	14	11	0

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 (> Rs 5 lakhs)	2017-2020	SERB	Rs. 25,25,600/-	Rs. 13,15,170/-
Minor Projects (Less than or equal to Rs 5 lakhs)	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects *(other than compulsory by the University)*	-	-	-	-
Any other(Specify)	-	-	-	-
Total				

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	0	1	0	0	0
Sponsoring agencies	-	UGC	0	0	0

3.12 No. of faculty served as experts, chairpersons or resource persons 13

3.13 No. of collaborations International 0 National 0 Any other 0

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
1	0	0	1	0	0	0

Criterion – IV
4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	16							
Added	0							
Total	16							

4.6 Amount spent on maintenance in lakhs

iii) Equipments 0.7 lakhs

iv) Others

Total : 0.7 lakhs

Criterion – V
5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
	77	50	

(b) No. of students outside the state 0

(c) No. of international students 0

Men	No	%
	28	36

Women	No	%
	49	64

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
6	5	0	18	0	29	5	6	0	37	0	48

Demand ratio Dropout % 7

5.5 No. of students qualified in these examinations

NET SET/SLET GATE 1 CAT

IAS/IPS etc State PSC UPSC Others

Name: Dr.G.Velraj *Name: Dr.K.Chinnakali*
Signature: _____ *Signature: _____*
(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.13 Department of Chemistry

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
18	12	03	03	--

2.2 No. of permanent faculty with Ph.D. 18

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
--	6	0	---	--	02	---	---	--	8

2.4 No. of Guest and Visiting faculty and Temporary faculty 05 -- 10

Total = 15

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	3	15	0
Presented papers	26	20	0
Resource Persons	--	07	--

2.10 Average percentage of attendance of students 85 %

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	--
UGC – Faculty Improvement Programme	--
HRD programmes	--
Orientation programmes	--
Faculty exchange programme	1
Staff training conducted by the university	8
Staff training conducted by other institutions	4
Summer / Winter schools, Workshops, etc.	--
Others	--

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	01	3	--	3
Technical Staff	06	3	--	--

Criterion – III

3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	03	03	08	---
Outlay in Rs. Lakhs	84.71	97.42	129.32	---

3.4 Details on research publications

	International	National	Others
Peer Review Journals	47	1	--
Non-Peer Review Journals			
e-Journals			
Conference proceedings			

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	1. 3yrs 2. 3yrs 3. 3yrs 4. 3yrs 5. 3yrs 6. 3yrs 7. 3yrs 8. 3yrs 9. 3yrs 10. 3yrs 11. 3yrs	1. DST-SERB 2. DRDO, New delhi 3. DST-SERB 4. UGC 5. UGC 6. UGC 7. UGC 8. UGC 9. DST-SERB 10. UGC 11. DST	1. 27,06,800 2. 33,80,000 3. 34,56,800 4. 10 lakhs 5. 10 lakhs 6. 10 lakhs 7. 10 lakhs 8. 10 lakhs 9. 34 lakhs 10. 10 lakhs 11. 35,32,000	7,69,000 4,19,000 14,00,000 9,14,592
Minor Projects	--	--	--	--
Interdisciplinary Projects	--	--	--	--
Industry sponsored	--	--	--	--
Projects sponsored by the University/ College	--	--	--	--
Students research projects *(other than compulsory by the University)*	--	--	--	--
Total			224,75,600	35,02,592

3.7 No. of books published i) With ISBN No. 01 Chapters in Edited Books 08

ii) Without ISBN No. ---

3.11 No. of conferences organized by the Institution

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

3.12 No. of faculty served as experts, chairpersons or resource persons 04

3.13 No. of collaborations International 01 National Any other

3.14 No. of linkages created during this year No

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
9	7	2	--	--	--	--

Criterion – IV
4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	15	1	--	--	--	--	--	--
Added	--	--	--	--	--	--	--	
Total	15							

4.6 Amount spent on maintenance in lakhs :

iii) Equipments 0.7

iv) Others

Total : 0.7

Criterion – V
5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
--	42	90	--

(b) No. of students outside the state 3

(c) No. of international students --

Men	No	%	Women	No	%
	69	52.8		63	47.7

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
32	30		68	---	130	23	27	--	82	--	132

Demand ratio Dropout % 0.75

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

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET SET/SLET GATE CAT

IAS/IPS etc State PSC UPSC Others

Name: _____ *Name:* _____

Signature: _____ *Signature:* _____

(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.14. Department of English

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

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

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
9	7	1	1	Nil

2.2 No. of permanent faculty with Ph.D. 8

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
5	2	1	-	1	1	-		7	3

2.4 No. of Guest and Visiting faculty and Temporary faculty 2 1 6

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	2	5	9
Presented papers	2		9
Resource Persons	5	9	9

2.10 Average percentage of attendance of students 85%

2.13 Initiatives undertaken towards faculty development An FDP is conducted for the benefit of teachers with less than Five years experience from the Department and in the affiliated colleges.

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	
UGC – Faculty Improvement Programme	45
HRD programmes	-
Orientation programmes	Mphil students
Faculty exchange programme	Nil
Staff training conducted by the university	-
Staff training conducted by other institutions	5
Summer / Winter schools, Workshops, etc.	45

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	2	3	Nil	3
Technical Staff	2	3	Nil	2

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	nil	nil	nil	-
Outlay in Rs. Lakhs	nil	nil	nil	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	nil	nil	nil	-
Outlay in Rs. Lakhs	nil	nil	nil	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	4		
Non-Peer Review Journals			
e-Journals			
Conference proceedings			

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	Nil	Nil	Nil	Nil
Minor Projects	Nil	Nil	Nil	Nil
Interdisciplinary Projects	Nil	Nil	Nil	Nil
Industry sponsored	Nil	Nil	Nil	Nil
Projects sponsored by the University/ College	Nil	Nil	Nil	Nil
Students research projects *(other than compulsory by the University)*	Nil	Nil	Nil	Nil
Any other(Specify)	Nil	Nil	Nil	Nil
Total	Nil	Nil	Nil	Nil

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

7 ii) Without ISBN No. Nil

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1	Nil	Nil	Nil	Nil
Sponsoring agencies	Royalty Fund	Nil	Nil	Nil	Nil

3.12 No. of faculty served as experts, chairpersons or resource persons 9

3.13 No. of collaborations International [ ] National [1] Any other [ ]

3.14 No. of linkages created during this year [1]

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
1				1		

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	40	1	40	-	-	3	8	-
Added	-	-	-	-	-	-	-	-
Total	40	1	40	-	-	3	8	

4.6 Amount spent on maintenance in lakhs :

iii) Equipments Rs1,59,000

iv) Others Nil

Total: 1,59000

Criterion – V

5. Student Support and Progression

UG	PG	Ph. D.	Others
	11	35	46

5.3 (a) Total Number of students Nil

(b) No. of students outside the state Nil

(c) No. of international students

	No	%		No	%
Men	4		Women	7	

3NilLast Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
10	-	-		1	11	2	1				

Demand ratio 70% Dropout % NIL

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

Nil

No. of students beneficiaries Nil

5.5 No. of students qualified in these examinations

NET	3	SET/SLET	1	GATE		CAT	

IAS/IPS etc		State PSC		UPSC		Others	

Criterion – VI

6. Governance, Leadership and Management

6.11 Activities and support from the Alumni Association

Alumni deliver Guest Lectures after completion of their course to their juniors

6.12 Activities and support from the Parent – Teacher Association

Nil

6.13 Development programmes for support staff

conducted four Workshop and eight guest lectures.

Name: _____ *Name:* _____

Signature: _____ *Signature:* _____

(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.15.Department of Geology

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online [ ] Manual [√] Co-operating schools (for PEI) [ ]

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
6	2	-	4	-

2.2 No. of permanent faculty with Ph.D. 6

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	0	1	1	5	1	0	0	8	2

2.4 No. of Guest and Visiting faculty and Temporary faculty 0 0 0

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	4	6	6
Presented papers	4	6	6
Resource Persons	2	3	2

2.10 Average percentage of attendance of students : 87

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	
UGC – Faculty Improvement Programme	3
HRD programmes	
Orientation programmes	2
Faculty exchange programme	
Staff training conducted by the university	2
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	4
Others	

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	1	1	0	0
Technical Staff	3	0	0	0

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number		2	1	
Outlay in Rs. Lakhs		150	61.99	

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	4	2		
Outlay in Rs. Lakhs	35.00	17.00		

3.4 Details on research publications

	International	National	Others
Peer Review Journals	25	8	
Non-Peer Review Journals			
e-Journals	5	3	
Conference proceedings	20	7	

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	2	NRSA	77.00 lakh	77.00 lakh
		DST	61.99 lakh	61.99 lakh
Minor Projects				
Interdisciplinary Projects				
Industry sponsored	1	Larsen & Turbo, Chennai	21.65 lakh	21.65 lakh
Projects sponsored by the University/ College				
Students research projects *(other than compulsory by the University)*	1	CTDT, Anna University	0.25 lakh	0.25 lakh
Any other(Specify)				
Total	4		160.89 lakh	160.89 lakh

3.7 No. of books published i) With ISBN No. [1] Chapters in Edited Books [2]

ii) Without ISBN No. [1]

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number					
Sponsoring agencies					

3.12 No. of faculty served as experts, chairpersons or resource persons 4

3.13 No. of collaborations International 2 National 3 Any other

3.14 No. of linkages created during this year 3

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
5	1	2		2		

Criterion – IV
4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	25	1	20	0	0	2	5	0
Added	25	1	10	0	0	0	0	0
Total	50	2	30	0	0	2	5	0

4.6 Amount spent on maintenance in lakhs :

iii) Equipments 2.0 lakhs

iv) Others 1.0 lakhs

Total : 3.0 lakhs

Criterion – V
5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
0	52	20	3

(b) No. of students outside the state 20

(c) No. of international students 1

	No	%
Men	50	66.7

	No	%
Women	25	33.3

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
18	7	0	52	0	77	17	7	0	50	0	74

Demand ratio 10:8 Dropout % 0

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

Special classes are conducted for UPSC Geosciences Examination.

5.5 No. of students qualified in these examinations 4

NET 2 SET/SLET 1 GATE 1 CAT 0

IAS/IPS etc 0 State PSC 2 UPSC 3 Others 3

Criterion – VI

6. Governance, Leadership and Management

6.11 Activities and support from the Alumni Association

Special lecture series are conducted through the Society of Geologists'.

6.12 Activities and support from the Parent – Teacher Association

-Nil-

6.13 Development programmes for support staff

Administrative staffs were attended various development programs organised by the university.

Name: _____ *Name:* _____

Signature: _____ *Signature:* _____

(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.16.Department of Media Science

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
11	10		1	

2.2 No. of permanent faculty with Ph.D. 11

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
0	2	0	4	0	1	0		0	

2.4 No. of Guest and Visiting faculty and Temporary faculty 0 0 6

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	12	2	0
Presented papers	9	1	0
Resource Persons	2	1	0

2.10 Average percentage of attendance of students 82%

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	6
UGC – Faculty Improvement Programme	1
HRD programmes	1
Orientation programmes	2
Faculty exchange programme	0
Staff training conducted by the university	1
Staff training conducted by other institutions	8
Summer / Winter schools, Workshops, etc.	2
Others	0

2.14 Details of Administrative and Technical staff

Category	Number of Permanent	Number of Vacant	Number of permanent	Number of positions filled

	Employees	Positions	positions filled during the Year	temporarily
Administrative Staff	0		0	0
Technical Staff	2		0	0

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	3			
Outlay in Rs. Lakhs	88			

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	2			
Outlay in Rs. Lakhs	50000			

3.4 Details on research publications

	International	National	Others
Peer Review Journals	22	0	0
Non-Peer Review Journals	1	2	0
e-Journals	2	0	0
Conference proceedings	15	0	0

3.5 Details on Impact factor of publications:

Range 0.1 - 4.0 Average 2.5 h-index 19 Nos. in SCOPUS 24

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	17-19	ICSSR	8,00,000/-	3,20,000/-
Minor Projects	16 -17	CTDT	25,000/-	25,000/-
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects *(other than compulsory by the University)*				
Any other(Specify)				
Total				

3.7 No. of books published i) With ISBN No. 2 Chapters in Edited Books 3

ii) Without IS 0

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1	0	0	0	0
Sponsoring agencies	Anna University				

3.12 No. of faculty served as experts, chairpersons or resource persons 4

3.13 No. of collaborations International 0 National 0 Any other 0

3.14 No. of linkages created during this year 0

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
0	0	0	0	0	0	0

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	50	1	50	0	0	1	0	
Added	0	0	0	0	0	0	0	
Total	50	1	50	0	0	1	0	

4.6 Amount spent on maintenance in lakhs :

iii) Equipments 3.37

iv) Others 2

Total 5.37

Criterion – V

5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
0	237	21	0

(b) No. of students outside the state

(c) No. of international students 2

Men	No	%
	120	51

Women	No	%
	117	49

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
6	8	0	54	0	68	13	10	0	39	0	62

5.17. Department of Management Studies

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
12	7	3	2	

2.2 No. of permanent faculty with Ph.D.

11

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					1				

2.4 No. of Guest and Visiting faculty and Temporary faculty

8	1	nil

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	10		
Presented papers	10		
Resource Persons		8	8

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	1
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	1
Staff training conducted by the university	4
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	-
Others	-

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	2	1		
Technical Staff	1			

Criterion – III
3. Research, Consultancy and Extension

3.4 Details on research publications

	International	National	Others
Peer Review Journals			
Non-Peer Review Journals	23	18	
e-Journals			
Conference proceedings	4		

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 (> Rs 5 lakhs)	1.7.2016 to 30.06.2017	UGC	14Lacs	
Minor Projects (Less than or equal to Rs 5 lakhs)				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects *(other than compulsory by the University)*				
Any other(Specify)				
Total				

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	3	1			
Sponsoring agencies	Self	Self			

3.12 No. of faculty served as experts, chairpersons or resource persons 12

3.13 No. of collaborations International 1 National Any other

3.14 No. of linkages created during this year

Criterion – IV
4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	56	2						
Added								
Total	56	2						

Criterion – V
5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
	284	26	

(b) No. of students outside the state -

(c) No. of international students 1

Men

No	%
150	52

Women

No	%
134	47

Name: Dr.K.Krishna Kumar *Name: Dr.L.S.Suganthi*
Signature: _____XXX_____ *Signature: _____XXX_____*
(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.18 . Department of Medical Physics

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
12	4	1	2	5 (Visiting Faculty)

2.2 No. of permanent faculty with Ph.D. 6

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 5 (VF)

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	08	14	
Presented papers	20	03	
Resource Persons		11	

2.10 Average percentage of attendance of students 80%

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	
UGC – Faculty Improvement Programme	02
HRD programmes	
Orientation programmes	01
Faculty exchange programme	
Staff training conducted by the university	02
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	
Others	

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	1		-	
Technical Staff	0		-	

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number		4		
Outlay in Rs. Lakhs		501.328		

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	09	01	
Non-Peer Review Journals			
e-Journals			
Conference proceedings	04		

3.7 No. of books published i) With ISBN No. 01 Chapters in Edited Books Nil

ii) Without ISBN No. Nil

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	01				
Sponsoring agencies	UGC(India), SIU(Norway), Anna University				

3.12 No. of faculty served as experts, chairpersons or resource persons 05

3.13 No. of collaborations International 1 National 1 Any other

3.14 No. of linkages created during this year

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
03	01	02				

Criterion – IV
4. Infrastructure and Learning Resources

4.6 Amount spent on maintenance in lakhs:

iii) Equipments	3,44,000
iv) Others	-
Total :	3,44,000

Criterion – V
5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
-	55	6	

(b) No. of students outside the state: 6

(c) No. of international students: -

Men	No	%	Women	No	%
	26	47		29	52

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
3	6	-	19	-	28	3	4	-	20	-	27

Demand ratio Dropout %

5.5 No. of students qualified in these examinations

NET SET/SLET GATE CAT

IAS/IPS etc State PSC UPSC Others: 04 (Qualified Radiological Safety Officer Exam conducted by BARC, Mumbai.

Name: _____ *Name:* _____
Signature: _____ *Signature:* _____
(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

PART B

DEPARTMENTWISE DETAILS

- MIT CAMPUS

5.19 Aerospace Engineering

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

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

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
13	08	03	02	-

2.2 No. of permanent faculty with Ph.D. 09

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
0	01	0	02	0	02	0	0	0	05

2.4 No. of Guest and Visiting faculty and Temporary faculty 02 | 0 | 05

2.5 Faculty participation in conferences and symposia/seminar

No. of Faculty	International level	National level	State level
Attended	-	03	-
Presented papers	12	09	-
Resource Persons	-	02	-

Number of patents filed : 2 (DR. C. Senthil Kumar)

2.10 Average percentage of attendance of students -

2.13 Initiatives undertaken towards faculty development

1. Conduct of Faculty Development Program by the Department : 01

2. Motivation to faculty to attend technical workshops, short terms courses, faculty development programs and other academic events organized by outside reputed Institutions and Organizations.

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	-
UGC – Faculty Improvement Programme	02
HRD programmes	-
Orientation programmes	02
Faculty exchange programme	-
Staff training conducted by the university	01
Staff training conducted by other institutions	01
Summer / Winter schools, Workshops, Short Term Course	06
Others – International Level Exhibition	01

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	1	0	0	0
Technical Staff	3	1	1	0

Criterion – III

3. Research, Consultancy and Extension

3.2 Details regarding major projects (> Rs 5 lakhs)

	Completed	Ongoing	Sanctioned	Submitted
Number	-	4	0	0
Outlay in Rs.	-	Rs.212,995,350/	-	-

3.3 Details regarding minor projects (Less than or equal to Rs 5 lakhs)

	Completed	Ongoing	Sanctioned	Submitted
Number	9	0	0	0
Outlay in Rs. Lakhs	2.74	0	0	0

3.4 Details on research publications

	International	National	Others
Peer Review Journals	18	02	-
Non-Peer Review Journals	-	-	-
e-Journals	01	-	-
Conference proceedings	06	06	-

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 TANII- UAV Design and Development of Unmanned Aerial Vehicles	3 Years	State Planning Commission, Government of Tamil Nadu	Rs. 20,00,00,000/-	Rs. 18,25,28,000/-
Design and Development of of Rotary Wing VTOL Mini Unmanned Aircraft System for Tamil Nadu Police	4 Years	Government of Tamil Nadu-Police Department.	Rs. 95,00,000/-	Rs. 19,00,000/-
Development of Mathematical Model for Prediction of Energy Loss in Canister during Missile	18 months	ASL Hyderabad	Rs. 24,97,800/-	Rs. 8,99,186 /-
Characterization of Composite Sandwich Panel Materials for Radome Structures	6 Months	CABS, Bangalore	Rs. 9,97,550/-	Rs.7,85,175/-
MINOR PROJECTS (Less than or equal to Rs 5 lakhs)	6 months – 1 year	CTDT	2.74 LAKH	2.74 LAKH
Interdisciplinary Projects	-	-	-	-

Industry sponsored	-	-	-	-
Projects sponsored by the University	*LISTED UNDER MINOR PROJECTS*			
Students research projects *(other than compulsory by the*		IEI GRANT for R&D Project	1 lakh	1 lakh
Any other(Specify)	-	-	-	-
Total			Rs.213,369,350/-	Rs.18,64,86,361/-

3.7 No. of books published i) With ISBN No. [-] Chapters in Edited Books [02]

ii) Without ISBN No. [2]

3.11 No. of conferences organized by the Institution
*FDTP Conducted by the Dept

Level	International	National	State	University	College
Number		01		01*	
Sponsoring agencies		SELF		Anna University	

3.12 No. of faculty served as experts, chairpersons or resource persons [05]

3.13 No. of collaborations International [-] National [03] Any other [-]

3.14 No. of linkages created during this year [03]

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	01	-	-	-	-

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments (AERO)	Others
Existing							30	
Added							0	
Total							30	

4.6 Amount spent on maintenance in lakhs :

iii) Equipments [2.14 lakh spent up to March 2017]

iv) .Others [2.9 lakhs]

Total : [5.04 lakhs]

Criterion – V
5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
205	127	15	2

(b) No. of students outside the state 22

(c) No. of international students 05

Men	No	%
	271	77.1

Women	No	%
	78	22.9

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
57	52	-	210	01	319	52	51	-	229	-	332

Above information are for UG and PG Full Time programs alone

Demand ratio 100 Dropout % 4.8

5.5 No. of students qualified in these examinations

NET - SET/SLET - GATE 26 CAT 01

IAS/IPS etc - State PSC - UPSC - Others -

Name: _____ *Name:* _____

Signature: _____ *Signature:* _____

(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.20. Department of Automobile Engineering

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online [ ] Manual [√] Co-operating schools (for PEI) [ ]

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
10	5	4	1	-

2.2 No. of permanent faculty with Ph.D. 6

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	-	2	-

2.4 No. of Guest and Visiting faculty and Temporary faculty - 3 4

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	-	5	2
Presented papers	2	2	-
Resource Persons	-	-	3

2.10 Average percentage of attendance of students 96%

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	-
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	-
Others	-

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	1	-	-	1
Technical Staff	5	2	-	4

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects (> Rs 5 lakhs)

	Completed	Ongoing	Sanctioned	Submitted
Number		1	1	1
Outlay in Rs. Lakhs		11	550	

3.3 Details regarding minor projects (Less than or equal to Rs 5 lakhs)

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	-
Outlay in Rs. Lakhs	-	-	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	5	5	-
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
Conference proceedings	-	-	-

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 (> Rs 5 lakhs)	2016-2018	DST, India	11,00,000	10,00,000
Minor Projects (Less than or equal to Rs 5 lakhs)	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects *(other than compulsory by the University)*	-	-	-	-
Any other(Specify)	-	-	-	-
Total			11,00000	10,00,000

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

ii) Without ISBN No. [NIL]

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	-	1	-	-	-
Sponsoring agencies	-	University	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons 3

3.13 No. of collaborations International - National 1 Any other -

3.14 No. of linkages created during this year 1

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

Total	International	National	State	University	Dist	College
NIL						

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	57	40	57	-	-	2	14	1
Added	-	-	-	-	-	-	-	-
Total	57	40	57	-	-	2	14	1

4.6 Amount spent on maintenance in lakhs :

iii) Equipments 1.96

iv) Others 1.5

Total : 3.46

Criterion – V

5. Student Support and Progression

UG	PG	Ph. D.	Others
393	50	10	-

5.3 (a) Total Number of students

(b) No. of students outside the state 10

(c) No. of international students NIL

Men	No	%
	380	96

Women	No	%
	13	4

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
34	47	16	296	0	393	37	45	12	277	0	371

Demand ratio Dropout % 0

5.5 No. of students qualified in these examinations

NET [ ] SET/SLET [1] GATE [4] CAT [1]

IAS/IPS etc [ ] State PSC [ ] UPSC [ ] Others [ ]

Criterion – VI

6. Governance, Leadership and Management

6.11 Activities and support from the Alumni Association

Personality development cources

Name: _____ *Name:* _____

Signature: _____ *Signature:* _____

(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.21. Production Technology

Part – B

1.3 Feedback from stakeholders* Alumni √ Parents √ Employers √ Students √
(On all aspects)

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

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
15	6	6	3	-

2.2 No. of permanent faculty with Ph.D. 11

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	--	2	--	1	--	--	--	5

2.4 No. of Guest and Visiting faculty and Temporary faculty 8

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	18	7	-
Presented papers	18	7	-
Resource Persons	2	2	-

2.10 Average percentage of attendance of students - 95

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	--
UGC – Faculty Improvement Programme	--
HRD programmes	--
Orientation programmes (1)	50
Faculty exchange programme	--
Staff training conducted by the university (3)	81
Staff training conducted by other institutions (4)	07
Summer / Winter schools, Workshops, etc. (1)	01
Others	--

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	1	4	--	2
Technical Staff	4	6	-	6

Criterion – III

3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number		3	3	
Outlay in Rs. Lakhs		100.287	100.287	

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number		12	12	
Outlay in Rs. Lakhs		3	3	

3.4 Details on research publications

	International	National	Others
Peer Review Journals	13		
Non-Peer Review Journals			
e-Journals			
Conference proceedings	15	22	

3.5 Details on Impact factor of publications:

Range 1-5 Average 3 h-index 14 Nos. in SCOPUS 12

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		UGC SERB	900.00 L 102.33 L	900.00 L 102.33 L
Minor Projects		CTDT, Anna University	3 .00L	3.00 L
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects *(other than compulsory by the University)*				
Any other(Specify)				
Total			1005.33 L	1005.337 L

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1	-	-	-	-
Sponsoring agencies	DST Purse, CIA, CTDT	-	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons 5

3.13 No. of collaborations International - National 5 Any other -

3.14 No. of linkages created during this year -

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
-	-	-	-	-	-	-

Criterion – IV
4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	55	35	√	√	√	√	√	-
Added	--	--						
Total	55	35						

4.6 Amount spent on maintenance in lakhs :

iii) Equipments 5.6 L

iv) Others 2.5 L

Total : 8.1 L

Criterion – V
5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
357	89	72	--

(b) No. of students outside the state 5

(c) No. of international students 4

Men	No	%
	478	92.27

Women	No	%
	40	7.73

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
24	82	6	369	-	481	29	87	7	395	-	518

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

TAPE – The Association of Production Engineers organizes aptitude tests, personality development programmes and mock interviews to all the students.

5.5 No. of students qualified in these examinations 518

NET - SET/SLET - GATE 7 CAT 2

IAS/IPS etc 1 State PSC 2 UPSC 1 Others (GRE) 21

Name: Dr. M. THIRUMAL AZHAGAN *Name: Dr. A. RAJADURAI*

Signature: _____ *Signature: _____*

(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.23 Department of Instrumentation Engineering

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback Online √ Manual √ Co-operating schools (for PEI)

i. Parent teacher meeting is conducted once every semester. Parents interact with the faculty members and share their views. The previous meeting was conducted on 11.3.2017.

ii. Alumni feedback is manually obtained every year during Annual Alumni meet. The previous Alumni meet was conducted on 5.3.2017.

iii. Subject wise students feedback is obtained every semester through online feedback system.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
15	6	6	3	-

2.2 No. of permanent faculty with Ph.D. 14

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
NIL	**01**	**01**	**NIL**	**NIL**	**NIL**	**NIL**	**NIL**	**01**	**01**

2.4 No. of Guest and Visiting faculty and Temporary faculty

1	-	7

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	15	-	-
Presented	3	-	-
Resource Persons	15	-	-

2.10 Average percentage of attendance of students

2.13 Initiatives undertaken towards faculty development
Programmes organized: 10

(i) MHRD sponsored GIAN course: 1

(ii) Pre-conference tutorials: 4

(iii) Training programme for TANGEDCO 1

(iv) 2-day workshops 3

(v) International conference TIMA 2017 1

(vi) Details of programmes **conducted** during the period 01.07.2016 to 30.06.2017

Sl. No.	Title of the Programme	Duration	No. of Participants	Name of the Coordinator	Sponsoring Agency
	GIAN course				
1.	GIAN Course on Process Data Analytics	05.12.2016 to 16.12.2016	20	Dr. J. Prakash	MHRD Sponsored Programme
	Pre-conference Tutorials				
1	Safety Instrumented System	6.1.2017	29	Dr. K. Latha Dr. S. Srinivasan	Under the Aegis of TIMA 2017 International Conference
2	Auto-Tuning using Relay Feedback	6.1.2017	26	Dr. T. Thygarajan Dr. D. Kalpana	-do-
3	Industrial Internet of Things	6.1.2017	27	Dr. T. Thyagarajan Dr. Sabitha Ramakrishnan	-do-
4	Advanced Process Control	6.1.2017	22	Dr. J. Prakash Dr. S. Sutha	-do-
	2-day workshops				
1.	PID Control Algorithms and their Application (For TANGDECO)	25.10.2016 to 27.10.2016	19	Dr. J. Prakash	Dept. of IE along with Appadurai Chair for Power Systems, AU
2.	Workshop on Internet of Things	21.10.2016 & 22.10.2016	38	Dr. K. Latha & Dr. Sabitha Ramakrishnan	Self-supporting
3	Trends in Intelligent Instrumentation	26.08.2016 & 27.08.2016	25	Dr. S. Sutha Dr. M. Mythily	Self- supporting

vii) Programmes attended by Faculty members: 21

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	-
UGC – Faculty Improvement Programme	-
HRD programmes	4 (GIAN)
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	2 (FDTP)
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	-
Others	15 (TIMA 2017 intl conf)

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	2	-	--	-
Technical Staff	6	1	-	1

Criterion – III

3. Research, Consultancy and Extension

3.2 Details regarding major projects (> Rs 5 lakhs)

	Completed	Ongoing	Sanctioned	Submitted
Number	-	6	2 (out of 6)	2
Outlay in Rs. Lakhs	-	240.53	215.61	-

3.3 Details regarding minor projects (Less than or equal to Rs 5 lakhs)

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	-
Outlay in Rs. Lakhs	-	-	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	19	-	-
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
Conference proceedings	28		

Details of papers in Conference proceedings:

Sl. No.	Name of the Conference, etc. / Title of the Papers	Author's Name	Venue	Month & Year
1	12th IFAC International Workshop on Adaptation and Learning in Control and Signal Processing (ALCOSP) An optimal predictive control scheme applied to a Non-Square MIMO benchmark problem	N.Pappa and Anuj Abraham	Eindhoven, Netherlands,	July 2016
2	12th IFAC International Workshop on Adaptation and Learning in Control and Signal Processing (ALCOSP) Estimation of variation in VLE constants for modelling a multicomponent crude distillation column	N. Pappa Ganesh Muralidharan, Anuj Abraham	Eindhoven, Netherlands	July 2016
3	International conference on Informatics and analytics (ICIA '16), Efficient and secure implementation of elliptic curve scalar multiplication against power analysis attacks-3.	V. Natarajan T. Sudhakar and A. Kannathal	Pondicherry Engineering college	August 2016
4	66th Canadian Chemical Engineering Conference Multimodel based control of pH	S. Kanagalakshmi and D. Manamalli	Quebec City, Canada.	October 2016

	neutralization process", Proceedings of 66th Canadian Chemical Engineering Conference			
5	In 3rd International Electronic and Flipped Conference on Entropy and Its Applications Multidisciplinary Digital Publishing Institute Complexity Analysis on Normal and Abnormal Electrogastrograms Using Tsallis Entropy	K.Kamalanand, Alagumariappan, Paramasivam, Arivarasu and Rajagopal	Multidisciplinary Digital Publishing Institute	Novembe r 2016
6	69th Annual session of IIChE CHEMCON-2016 Real time Implementation of Multimodel ANFIS controller in pH neutralization process	S.Kanagalakshmi and D.Manamalli	A.C.Tech. Campus Anna University Chennai – 600 025.	Dec. 2016
7	9th International conference on "Trends in Industrial Measurements and Automation (TIMA-2017)" Design and Analysis of Feature Extraction Algorithm for ECG Signals using Adaptive Threshold Method	Sabitha Ramakrishnan, Thyagarajan T and Rithicka C.Y	Dept. of Instrumentation Engineering, Madras Institute of Technology, Anna University Chennai-44,	January 2017
8	9th International conference on "Trends in Industrial Measurements and Automation (TIMA-2017)" Real time Implementation of Arrhythmia Classification Algorithm using Statistical Methods	Sabitha Ramakrishnan, Akshaya V, Kishor S and Thyagarajan T	Dept. of Instrumentation Engineering, Madras Institute of Technology, Anna University Chennai-44,	January 2017
9	9th International conference on "Trends in Industrial Measurements and Automation (TIMA-2017)" Design of Wireless Sensor Network for Monitoring the Performance of Photovoltaic Panel	Sabitha Ramakrishnan Ayesha Shaik and Ramesh P	Dept. of Instrumentation Engineering, Madras Institute of Technology, Anna University Chennai-44,	January 2017
10	9th International conference on "Trends in Industrial Measurements and Automation (TIMA-2017)" Development of Nonlinear Models for Human Heart	S. Nambi Narayanan ,G. Divya , Dr.S.Sutha	Dept. of Instrumentation Engineering, Madras Institute of Technology, Anna University Chennai-44,	January 2017
11	9th International conference on "Trends in Industrial Measurements and Automation (TIMA-2017)" "Design of Fractional Order PID Controller for MIMO System using Relay Feedback"	D.Kalpana, T.Thyagarajan and N.Venkatachalam	Dept. of Instrumentation Engineering, Madras Institute of Technology, Anna University Chennai-44,	January 2017
12	9th International conference on "Trends in Industrial Measurements and Automation (TIMA-2017)" "Modeling and Prediction of Boiler Drum in a Thermal Power Plant"	B.S. Thamarai Selvi D.Kalpana and T.Thyagarajan	Dept. of Instrumentation Engineering, Madras Institute of Technology,	January 2017

			Anna University Chennai-44,	
13	9th International conference on "Trends in Industrial Measurements and Automation (TIMA-2017)" "Cogging Torque Minimization in Brushless DC Motor using PSO and GA based Optimization"	C. Kamal, T.Thyagarajan Selvakumar and D. Kalpana	Dept. of Instrumentation Engineering, Madras Institute of Technology, Anna University Chennai-44,	January 2017
14	3rd International Conference on Biosignals, Images and Instrumentation, SSNCE, ICBSII 2017 Experimental investigations on capacitive imaging of biological materials	K. Kamalanand A. S. Sahana and A. Paramasivam	IEEE, SSNCE, Chennai	March 2017
15	3rd International Conference on Biosignals, Images and Instrumentation, SSNCE, ICBSII 2017 A preliminary study on the control of nano acrylamide polymerization reaction	K.Kamalanand and N.Priyadharshini	IEEE, SSNCE, Chennai	March 2017
16	International Conference on Frontiers n Engineering Fractional order control scheme for a two product Distillation Column	D. Manamalli S.Surendhar, A. Ferheen and P.Manikandan	Applied Sciences and Technology (FEAST 2017)	March 2017

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 (> Rs 5 lakhs)	Details given in table below			
Minor Projects (Less than or equal to Rs 5 lakhs)	-	-	-	-
Interdisciplinary Projects	5 yrs	UGC	70.75L	70.75L
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College				
Students research projects (CTDT) *(other than compulsory by the University)*	6M			
Any other(Specify)	-	-	-	-
Total				

Details of Major Research Projects:

Sl. No	Title of the project	Principal / Co-Investigator	Amount sanctioned & released	Ref. No.
1	Design and On-line Implementation of Soft Sensing and State Estimation Schemes on Benchmark Processes	Dr. J. Prakash	Sanctioned: 13.9 L Released: 10.5 L (2015-16)	UGC – Major Research Project (F-No.-43-154/2014(SR) dated 17/08/2015) Status: Ongoing
2	Design and Development	Dr. T. Thyagarajan	Sanctioned: 31.66L	DST Project

	of Automated External Defibrillator	(PI) Dr. Sabitha Ramakrishnan (Co-PI)	Released: 20.46 L (Dec 2015)	DST Lr.No.IDP/MED/14/2012 (General) dated:24.11.2015 Status: Ongoing
3	Drift Analysis and Compensation Techniques for frequently used Temperature Sensors	Dr. S. Srinivasan Dr. S. Kumar	Sanctioned:15.42L Released: 10.8L (2016-17)	UGC – Major Research Project (F.No.43-395/2014(SR), dated: 24/08/2016)
4	Development of Automated Antibiogram cum Pathogen Identification Device – Auto BactiBiogramoscope	Dr. T.Thyagarajan, Dr.Sabitha Ramakrishnan Dr. V. Sathiesh Kumar, Asst. Prof., Electronics, MIT	Sanctioned: 70.75L Released: 70.75L (7 Dec 2016)	UGC F.No.1-1/2016 (NS/PE) dated 7/12/2016 UGC – University with Potential for Excellence (UPE) in Biomedical Engineering and Instrumentation Status: Ongoing
5	Development of Range Estimators using Bearings Only Measurements	Dr. J. Prakash	Rs. 9.8 L (ERIP/ ER/RIC/20170101/M/ 01/1648, DATED: 20.02.2017)	Directorate of Extramural Research & Intellectual Property Rights (ER&IPR) DRDO, New Delhi Status: Ongoing
6	UGC-SAP-DRS-I Thrust Area Identified 1.Intelligent Instrumentation 2.Advanced Process Control	Dr. S. Srinivasan Dr. S. Kumar	Sanctioned: Rs.99.00L+1 Project fellow (Actuals) Released: 93.3L	UGC- SAP-DRS-I (On-going) F.5-/2016/DRS-I (SAP-II), March 2016 2772/PD1/UGC-SAP-Insmt/2016, Dated:26.04.2017 Status: Ongoing

3.7 No. of books published i) With ISBN No. 1 Chapters in Edited Books

ii) Without ISBN No -

Dr. T. Thyagarajan has co-authored a text book entitled “An introduction to Process Modelling, Identification and Control", published by Narosa Publishers, in March 2017.

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1	-	-	-	-
Sponsoring agencies	IEEE, CSIR, ISA	-	-	-	-

Details of the conference organized:

Sl. No.	Title of the Programme	Duration	No. of Participants	Name of the Coordinator	Sponsoring Agency & Funding
1.	9th International Conference on Trends on Intelligent Instrumentation (TIMA 2017)	7.1.2017 & 8.1.2017	83	Dr. T. Thyagarajan (Convener) Dr. J. Prakash (Co-convener) Dr. Sabitha Ramakrishnan (Org. Secretary)	Rs. 6,96,669/- (Co-Sponsored by IEEE, ISA, CSIR)

3.12 No. of faculty served as experts, chairpersons or resource persons 9

3.13 No. of collaborations International 1 National - Any other -

Sl. No.	Name of the Visitors	Purpose of Visit	Date of Visit
1	Dr. Sirish L. Shah Professor, University of Alberta, Canada	To deliver the Second Endowment Lecture instituted in the name of Dr. P. Kanagasabapathy, Professor (Retired), Department of Instrumentation Engineering, M.I.T. Campus, Anna University has been delivered by Lecture	16.12.2016
2	Dr. Lakshminarayanan Samavedham, Associate Professor, Department of Chemical and Bio-molecular Engineering, National University of Singapore, Singapore	To deliver the Second Endowment Lecture instituted in the name of Dr. S. Renganathan, Professor (Retired) Department of Instrumentation Engineering, M.I.T. Campus, Anna University	05.01.2017

3.14 No. of linkages created during this year | 5 |

S.No.	Name of the Faculty and Designation	Name of the Country visited and Duration	Purpose / Programme
1.	Dr. J. Prakash Professor & Head	Whistler, Canada 07.06.2015 to 10.06.2015	Participated and presented a paper (Poster Session) in the 9th IFAC symposium on Advanced Control of Chemical Processes (ADCHEM 2015)
		University of Alberta Canada 11.06.2015 to 15.06.2015	Participated in the seminar organized by Computer Process Control group, Department of Chemical Engineering, University of Alberta, Canada, Carried out Collaborative Research on "Filtering and state estimation" with Prof. Biao Huang, University of Alberta, Canada.
		York University, Toronto, Canada 16.06.2015 to 17.06.2015	Visited York University to explore Research collaboration in the area of "Advanced Control System" June 16th 2015 to 17th June 2015.
2.	Dr. J. Prakash Professor & Head	National University of Singapore, Singapore 20.06.2016 to 30.06.2016	Carried out Collaborative Research in the area of "Advanced Process Control" with Prof. Lakshminarayanan Samavedham, Associate Prof. Department of Chemical and Bio-molecular Engineering, NUS, Singapore.
3.	Dr. N. Pappa Associate Professor	Netherlands 29.06.2016 to 01.07.2016	12th IFAC International Workshop on "Adaptation and Learning in Control and Signal Processing (ALCOSP 2016)"

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	Department
	3	-	-	1	-	3

1. Dr. J. Prakash has been appointed as Associate Editor - Special Section - ACODS - 2016 - Annual Reviews in Control (International Journal), in September 2016.
2. Dr. T. Thyagarajan and Dr. Sabitha Ramakrishnan received the Best Paper award for their paper presented during the TIMA 2017 International conference during 6-8 Jan, 2017.
3. Three faculty members, namely, Dr. D. Manamalli, Dr. S. Srinivasan and Dr. S. Kumar received Best Teacher award during the Research Scholars Day conducted by the Department on 5.9.2016.
4. Dr. S. Sutha received the Mentor award for guiding 2nd Best CTDT Student Project, during 2016-17.

Criterion – IV
4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	147	02		-	-	1	1	-
Added	60	02		-	-	-	-	-
Total	207	04		-	-	1	1	-

Criterion – V
5. Student Support and Progression

UG	PG	Ph. D.	Others
331	22	-	-

5.3 (a) Total Number of students

(b) No. of students outside the state --

(c) No. of international students NIL

Men	No	%
	191	54

Women	No	%
	162	46

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
13	89	3	304	6	536	73	74	4	294	3	

Demand ratio Dropout %

5.5 No. of students qualified in these examinations

NET SET/SLET GATE CAT

IAS/IPS etc State PSC UPSC Others 14

(2013-2017 Batch):

Sl. No.	Name of the Student	Name of the Exam	Score
1	M. Vijay	GATE	42.35
2	Ms. M. Karthiga	GRE	314/340
3	Mr. Aditya Subramaniam	GRE	308/340
4	Mr. V. Anand	GRE	310/340
5	Mr. R. Narendran	GRE	315/340
6	Mr. Ajiteesh	GRE	313/340
7	Ms. Preethi	GRE	313/340
8	Ms. Akshaya	GRE	312/340
9	Mr. Joyesh Philip	GRE	315/340
10	Mr. Kishor	GRE	307/340
11	Mr. Nithin Sundararajan	GRE	312/340
12	Mr. R. Rahul	GRE	312/340
13	Mr. R. Rahul	TOEFL	103/120
14	Ms. M. Karthiga	TOEFL	107/120

In-House Training – June 2017 Non-Teaching Staff
Programme Schedule

Sl.No.	Date	Name of the Programme	Co-ordinator
1	06.06.2017 to 08.06.2017	"LabView Programming"	Dr.K.Kamalanand
2	12.06.2017 to 14.06.2017	"Microsoft Excel (Level – 1)"	Mr.K.R.Gnanaprakash
3	15.06.2017, 16.06.2017 & 19.06.2017	"Assembling, Servicing and Configuring Electronic Instrument"	Mr.J.Raman
4	27.06.2017 to 28.06.2017 (FN)	"PCB Designing using ORCAD"	Dr.Sabitha Ramakrishnan
5	28.06.2017 (AN) to 29.06.2017	"I/O Interfacing with Processor"	Dr.K.Latha

Name: _____ *Name:* _____
Signature: _____ *Signature:* _____
(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.23. Information Technology

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

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

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
12	8	3	1	

2.2 No. of permanent faculty with Ph.D. 9

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		Nil		1				3

2.4 No. of Guest and Visiting faculty and Temporary faculty - - 11

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	NA	NA	NA
Presented papers	NA	NA	NA
Resource Persons	NA	NA	NA

2.10 Average percentage of attendance of students : 75-85%

2.13 Initiatives undertaken towards faculty development :

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	NA
UGC – Faculty Improvement Programme	20
HRD programmes	NA
Orientation programmes	NA
Faculty exchange programme	NA
Staff training conducted by the university	NA
Staff training conducted by other institutions	NA
Summer / Winter schools, Workshops, etc.	NA
Others	NA

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	3	1	-	-
Technical Staff	4	-	-	-

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	NA	NA	NA	NA
Outlay in Rs. Lakhs				

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	NA	NA	NA	NA
Outlay in Rs. Lakhs				

3.4 Details on research publications

	International	National	Others
Peer Review Journals	10	NIL	
Non-Peer Review Journals	NA	NIL	
e-Journals	NA	NIL	
Conference proceedings	NA	NIL	

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	NA			
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects *(other than compulsory by the University)*				
Any other(Specify)				
Total				

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

ii) Without ISBN No. NA

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	NA				
Sponsoring agencies	NA	NA	NA	NA	NA

3.12 No. of faculty served as experts, chairpersons or resource persons 4

3.13 No. of collaborations International NA National NA Any other

3.14 No. of linkages created during this year NA

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
NA	NA	NA	NA	NA	NA	NA

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	110	4 + 1 HW lab	*All labs have internet facilities	1 dedicated browsing centre.	1 dedicated computer centre	1		NIL
Added	NA	3 (Proposed)	NIL	NIL	NIL	NIL		NIL
Total	110	5	4	1	1			

4.6 Amount spent on maintenance in lakhs :

iii) Equipments 4.00 lakhs

iv) Others 3.00 lakhs

Total : 7.00 lakhs

Criterion – V

5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
450	40	20	3

(b) No. of students outside the state 4

(c) No. of international students

Men	No	%
	NA	

Women	No	%
	NA	NA

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
15	18	1	83	2	117	22	16	1	88	0	127

Demand ratio Dropout %

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

Not Available.

5.5 No. of students qualified in these examinations NA

NET NA SET/SLET NA GATE 5 CAT 4

IAS/IPS etc NA State PSC NA UPSC NA Others NA

Criterion – VI

6. Governance, Leadership and Management

6.11 Activities and support from the Alumni Association

- Books are sponsored by Alumni Association to department library.

6.12 Activities and support from the Parent – Teacher Association

PTA Meeting are held to assess the student.

6.13 Development programmes for support staff

NA

Name: Dr.Dhananjay Kumar *Name: B VINAYAGASUNDARAM*
Signature: _____ *Signature: _____*
(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.24. Computer Technology

Part – B

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

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

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
15	10	3	2	--

2.2 No. of permanent faculty with Ph.D. 14

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
-	8	-	3	-	1	-	-	-	11

2.4 No. of Guest and Visiting faculty and Temporary faculty 10

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	9	18	--
Presented papers	9	--	--
Resource Persons	14	5	--

2.10 Average percentage of attendance of students 96%

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	4
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	10
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	-
Others-International Conference	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	2	3	--	3
Technical Staff	--	2	--	5

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	2	--	--
Outlay in Rs. Lakhs	--	2095	--	--

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	8	6	--	--
Outlay in Rs. Lakhs	2	1.22	--	--

3.4 Details on research publications

	International	National	Others
Peer Review Journals	22	--	--
Non-Peer Review Journals	--	--	--
e-Journals	--	--	--
Conference proceedings	7	--	--

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	--	--	--	--
Minor Projects	--	--	--	--
Interdisciplinary Projects	--	--	--	--
Industry sponsored	--	--	--	--
Projects sponsored by the University/ College	--	--	--	--
Students research projects *(other than compulsory by the University)*	2017	CTDT, Anna University	1.22L	1.22L
Any other(Specify)	--	--	--	--
Total	--	--	--	--

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

ii) Without ISBN No. Nil

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1	--	2(FDTP)	--	--
Sponsoring agencies	Anna University & IEEE(Technical)	--	Anna University	--	--

3.12 No. of faculty served as experts, chairpersons or resource persons 14

3.13 No. of collaborations International 6 National 10 Any other

3.14 No. of linkages created during this year 2

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
1	--	--	--	--	--	--

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	377	4+ 7(R&D)	2	--	--	1	1	--
Added	--	--	--	--	--	--	--	--
Total	377	4+ 7(R&D)	2	--	--	1	1	--

4.6 Amount spent on maintenance in lakhs :

iii) Equipments 5

iv) Others 2

Total : 7

Criterion – V

5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
468	47	19	--

(b) No. of students outside the state

(c) No. of international students | 24 |

Men	No	%
	238	45

Women	No	%
	296	55

Last Year (2015-16)						This Year(2016-17)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
102	15	-	-	1	118	98	13	2	-	1	114

Demand ratio Dropout %

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

- Competitive exam / Career Guidance books issued through Department Association

No. of students beneficiaries | 20 |

5.5 No. of students qualified in these examinations

NET	--	SET/SLET	--	GATE	5	CAT	3

IAS/IPS etc	--	State PSC	--	UPSC	--	Others	--

Criterion – VI

6. Governance, Leadership and Management

6.11 Activities and support from the Alumni Association

- Support for students from poor back ground towards fees/books etc.
- Technical & Career guidance books are given to the students

6.12 Activities and support from the Parent – Teacher Association

---

6.13 Development programmes for support staff

- Permitted to attend diploma / UG / PG - Part time or distance education programmes

Name: Dr.P.Pabitha *Name: Dr.P.Anandhakumar*

Signature: _____ *Signature: _____*

(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.25 Department of Electronics Engineering

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

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

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
36	14	5	3	14

2.2 No. of permanent faculty with Ph.D. 16

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 -- -- 14

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	3	2	--
Presented papers	6	--	--
Resource Persons	2	--	--

2.10 Average percentage of attendance of students 95%

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	-
UGC – Faculty Improvement Programme	-
HRD programmes	14
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	7
Staff training conducted by other institutions	3
Summer / Winter schools, Workshops, etc.	2
Others	-

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	2	1	--	--
Technical Staff	3	5	--	--

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	2	-	-
Outlay in Rs. Lakhs	-	79.51	-	-

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	30	-	-
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
Conference proceedings	64	-	-

3.5 Details on Impact factor of publications:

Range 0.349 – 2.772 Average 0.9 h-index Nos. in SCOPUS 24

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	2017 - 2020	SERB	31.50L	20.60L
	2016 - 2019	SERB	48.79L	36.265L
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects *(other than compulsory by the University)*	-	-	-	-
Any other(Specify)	-	-	-	-
Total	-	-	-	-

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

ii) Without ISBN No. --

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1				
Sponsoring agencies				✓	

3.12 No. of faculty served as experts, chairpersons or resource persons 3

3.13 No. of collaborations International - National - Any other -

3.14 No. of linkages created during this year -

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
-	2	-	-	-	-	-

Criterion – IV
4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	302	214	40	-	-	05	-	43
Added	5	-	-	-	-	-	-	05
Total	307	214	40	-	-	05	-	48

4.6 Amount spent on maintenance in lakhs :

iii) Equipments 1.25 L

iv) Others -

Total : 1.25 L

Criterion – V
5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
637	155	95	9

(b) No. of students outside the state

(c) No. of international students

**As per State Government rule.

	No	%
Men		

	No	%
Women		

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total

Demand ratio Dropout --%

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

NIL

5.5 No. of students qualified in these examinations -

NET - SET/SLET - GATE 02 CAT -

IAS/IPS etc - State PSC - UPSC 01 Others -

Criterion – VI

6. Governance, Leadership and Management

6.11 Activities and support from the Alumni Association

Scholarship for students, Books/Study Materials & Infrastructure developmental activities.

6.12 Activities and support from the Parent – Teacher Association

NIL

6.13 Development programmes for support staff

NIL

Name: E. KONGUVEL *Name: Dr. M. Kannan*

Signature: *Signature:*

(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.26 Rubber and Plastic Technology

Criterion – VI

6. Governance, Leadership and Management

6.4 Welfare schemes for

Teaching	NIL
Non Teaching	NIL
Students	NIL

6.11 Activities and support from the Alumni Association

Alumni meet will be conducted every year.
For the needy students, financial support is given by alumni association.

6.12 Activities and support from the Parent – Teacher Association

Parent Teacher meeting will be conducted based on the need.

PART B

DEPARTMENTWISE DETAILS

-ACT CAMPUS

5.27. Chemical Engineering

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online [√] Manual [√] Co-operating schools (for PEI) [ ]

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
19	8	7	4	

2.2 No. of permanent faculty with Ph.D. [16]

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 [-] [-] [10]

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	1	19	
Presented papers	1	2	
Resource Persons			5

2.10 Average percentage of attendance of students 85%

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	-
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	25
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	32
Others	-

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	1		-	3
Technical Staff	11		-	-

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	4		
Outlay in Rs. Lakhs		44,00,000/-		

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	32	9	
Non-Peer Review Journals			
e-Journals			
Conference proceedings	4		

3.5 Details on Impact factor of publications:

Range 1-15 Average 7.5 h-index 17 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	2017-2020	DST-SERB	19,00,000	5,41,450/-
	2015-2018	Indo- Abudabi	10,00,000	8,00.000/-
	2015-2018	UGC	14,50,000	9,50.000/-
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College	5	CTDT, Anna University	2,50,000/-	2,50,000/-
Students research projects *(other than compulsory by the University)*				
Any other(Specify)				
Total				25,41,450/-

3.7 No. of books published i) With ISBN No. Chapters in Edited Books 1

ii) Without ISBN No.

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1	2			
Sponsoring agencies					

3.12 No. of faculty served as experts, chairpersons or resource persons 19

3.13 No. of collaborations International 1 National 1 Any other

3.14 No. of linkages created during this year 1

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
				1		

Criterion – IV
4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	32		32			2	1	
Added	-		-					
Total	32		32			2	1	

4.6 Amount spent on maintenance in lakhs:

iii) Equipments 0.75

iv) Others 1.5

Total : 2.25

Criterion – V
5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
508	40	56	

(b) No. of students outside the state 9

(c) No. of international students 39

Men	No	%
	342	57

Women	No	%
	262	43

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
13	20	3	74	-	110	19	17	2	89	2	127

Demand ratio Dropout 1%

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

- Seminars arranged for students
- Interaction with faculty

5.5 No. of students qualified in these examinations 17

NET	SET/SLET	GATE	CAT
-	-	10	6

IAS/IPS etc	State PSC	UPSC	Others
1	-	1	-

Criterion – VI

6. Governance, Leadership and Management

6.11 Activities and support from the Alumni Association

- Support towards software purchase
- Support for Job opportunity
- Support for Guest Lectures
- Support for motivational Talks
- Support for Scholarship for poor students
- Support for Scholarship for Rank students
- Support for sponsorship related to activities organized by students.

Name: Dr.K.V.Radha *Name: Dr.N.Nagendra Gandhi*

Signature: _____ *Signature:* _____

(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.28 Ceramic Technology

1.3 Feedback from stakeholders* Alumni Parents Employers Students

(On all aspects)

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

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
3	1	1	1	11

2.2 No. of permanent faculty with Ph.D. 3

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
-	08	-	03	-	02	11	-	11	13

2.4 No. of Guest and Visiting faculty and Temporary faculty - - 11

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	1	7	-
Presented papers	-	-	-
Resource Persons	-	-	-

2.10 Average percentage of attendance of students - 85%

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	-
UGC – Faculty Improvement Programme	4
HRD programmes	-
Orientation programmes	14
Faculty exchange programme	-
Staff training conducted by the university	2
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	-
Others	-

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	NIL	04	-	-
Technical Staff	01	04	-	03

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects (> Rs 5 lakhs)

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	1	-
Outlay in Rs. Lakhs	-	-	23,10,772/-	-

3.3 Details regarding minor projects (Less than or equal to Rs 5 lakhs)

	Completed	Ongoing	Sanctioned	Submitted
Number	3	-	1	-
Outlay in Rs. Lakhs	0.75	-	0.25	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	11	-	-
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
Conference proceedings	-	-	-

3.5 Details on Impact factor of publications:

Range 0.22 to 3.133 Average 1.476 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 (> Rs 5 lakhs)	3	AR&DB	23,10,772	23,10,772
Minor Projects (Less than or equal to Rs 5 lakhs)	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	1	CTDT	25,000	25,000
Students research projects *(other than compulsory by the University)*	-	-	-	-
Any other(Specify)	-	-	-	-
Total				

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	-	2	-	-	-
Sponsoring agencies	-	1. DST Purse Phase II 2. Anna University	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons 01

3.13 No. of collaborations International - National - Any other -

3.14 No. of linkages created during this year 6

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

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

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	29	10	-	-	-	04	06	09
Added	-	-	-	-	-	-	-	-
Total	29	10	-	-	-	04	06	09

4.6 Amount spent on maintenance in lakhs :

iii) Equipments	0.30
iv) Others	2.16
Total :	2.46

Criterion – V

5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
174	09	33	1

(b) No. of students outside the state	2
(c) No. of international students	NIL

Men

No	%
118	55

Women

No	%
98	45

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
4	09	-	44	-	57	6	9	-	39	-	54

Demand ratio Dropout = 14%

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

NIL

No. of students beneficiaries

5.5 No. of students qualified in these examinations 2

NET - SET/SLET - GATE 1 CAT 1

IAS/IPS etc - State PSC - UPSC - Others -

Criterion – VI

6. Governance, Leadership and Management

6.11 Activities and support from the Alumni Association

The alumni contribute to the department in the following ways:

- Helping for the improvement of the academic activities
- Helping for strengthening of the department
- Helping in improving the curriculum and syllabus according to the industrial needs
- Helping the students for getting placement and industrial training in industries
- Helping the students in their project works
- Helping by sharing their experience with the students to prepare for their competitive examinations
- Helping the students to face the campus interviews

Name: ___Dr.Thenmuhil_____ *Name: __Dr.Kalaiselvam_____*

Signature: _____ *Signature: _____*

(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.29 Textile Technology

1.3 Feedback from stakeholders* Alumni Parents Employers **Students**
(On all aspects)

Mode of feedback : Online [•] Manual [-] Co-operating schools (for PEI) [-]

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
13	8	2	3	-

2.2 No. of permanent faculty with Ph.D. [12]

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 [-] [1] [3]

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	6	2	5
Presented papers	6	2	-
Resource Persons	-	-	-

2.10 Average percentage of attendance of students : **98% of students have secured more than 75%**

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	-
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	5
Others	-

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	-	4	NIL	3
Technical Staff	7	1	NIL	1

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	2	-	-
Outlay in Rs. Lakhs	-	83.5	-	-

3.3 Details regarding minor projects **NIL**

	Completed	Ongoing	Sanctioned	Submitted
Number				
Outlay in Rs. Lakhs				

3.4 Details on research publications

	International	National	Others
Peer Review Journals	10	1	
Non-Peer Review Journals	-	1	-
e-Journals	-	-	--
Conference proceedings	-	-	-

3.5 Details on Impact factor of publications:

Range 0.5-3.3 Average 1.2 h-index 17 Nos. in SCOPUS 11

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	**2015-2020**	**UGC**	**135.25**	**108.25**
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects *(other than compulsory by the University)*	-	-	-	
Any other(Specify)	-	-	-	-
Total	-	-	**135.25**	**108.25**

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	-	1	-	-	-
Sponsoring agencies	-	-	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons 2

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
1	-	-	-	1	-	-

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers / Laptops	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others Library / Labs
Existing	44	11	-	-	-	2	17	14
Added	3	-					2	1
Total	47							

4.6 Amount spent on maintenance in lakhs :

iii) Equipments 4.68

iv) Others 980.25

Total : 984.93

Criterion – V

5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
313	6	16	1

(b) No. of students outside the state -

(c) No. of international students -

	No	%
Men	97	31

	No	%
Women	216	69

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
Refer Dean office											

Demand ratio - 100% Dropout % - 9%

5.5 No. of students qualified in these examinations

NET		SET/SLET		GATE	1	CAT	
IAS/IPS etc		State PSC		UPSC		Others	

Criterion – VI

6. Governance, Leadership and Management

6.11 Activities and support from the Alumni Association

Alumni provide Guest Lectures to the students

Name: _____ *Name:* _____
Signature: _____ *Signature:* _____
(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.30. Bio Technology

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)
Mode of feedback : Online [ ] Manual [ ] Co-operating schools (for PEI) [ ]

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
18	6	6	6	2

Others: Emeritus = 1; Member Research = 1

2.2 No. of permanent faculty with Ph.D. 17

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 2 | 5 | 15

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	4	19	5
Presented papers	1	2	
Resource Persons	2	8	1

2.10 Average percentage of attendance of students 95%

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	20
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	
Others	

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	3			2
Technical Staff	10			13

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	6	18	5	3
Outlay in Rs. Lakhs	61,78,879	3,10,84,182	1,22,01,050	

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	4	1	
Outlay in Rs. Lakhs	500000	1,60,43,968	24,88,000	

3.4 Details on research publications

	International	National	Others
Peer Review Journals	49	7	
Non-Peer Review Journals			
e-Journals			
Conference proceedings	1		

3.5 Details on Impact factor of publications:

Range 1-9 Average 3 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	1-3	DST, EU, CSIR, UGC, DBT	1,22,01,050	1,04,45,723
Minor Projects finance	1-3	DBT CSIR SERB	24,88,000	500000
Interdisciplinary Projects	3	DBT	61,16,000	1107000
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects *(other than compulsory by the University)*	1	CTDT	25,000	25,000
Any other(Specify)	1	UGC-DSA-SAP	12,25,000	10,79,666
Total			2,20,55,050	1,31,57,389

3.7 No. of books published i) With ISBN No. 1 Chapters in Edited Books 2

ii) Without ISBN No. 1

3.11 No. of conferences organized by the Institution 10

Level	International	National	State	University	College
Number	3	4	1		
Sponsoring agencies	UGC, DBT	ICAR, DBT, ISRO	TN		

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

3.13 No. of collaborations International 11 National 9 Any other

3.14 No. of linkages created during this year 5

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
6		4		2		

Criterion – IV
4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	70	10	RCC net	5	7	8	20	20
Added								
Total	70	10	-	5	7	8	20	20

4.6 Amount spent on maintenance in lakhs :

iii) Equipments 11,00,000

iv) Others 4,77,000

Total : 15,77,000

Criterion – V
5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
546	148	110	3

(b) No. of students outside the state 43

(c) No. of international students 10

Men	No	%
	4	

Women	No	%
	6	

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
114	91	5	586	1	797	174	124	5	409	2	814

Demand ratio Dropout % 4

5.5 No. of students qualified in these examinations

NET 7 SET/SLET 1 GATE 1 CAT

IAS/IPS etc State PSC UPSC Others 7

Name: ___Dr.Adaikalam_____ *Name: __Dr.C.D.Anuradha_____*
Signature: _____ *Signature: _____*
(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.31. Applied Sciences and Technology

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
7	3	3	1	

2.2 No. of permanent faculty with Ph.D. 7

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 2 | | 11

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	6	4	
Presented papers			
Resource Persons			

2.10 Average percentage of attendance of students : 90%

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	
Faculty exchange programme	
Staff training conducted by the university	2
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	
Others	

Criterion – III

3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	3	1	
Outlay in Rs. Lakhs	5.6	49+60.22+18.15=127.37	10	

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number		3		
Outlay in Rs. Lakhs		0.45+0.25+0.25 =0.95		

3.4 Details on research publications

	International	National	Others
Peer Review Journals	30		
Non-Peer Review Journals			
e-Journals			
Conference proceedings			

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 1. 2. 3. 4.	 2017 2017 2017 2017	 DST DST-SERB DST-SERB DST-SEED	 10lakhs 49.12 lakhs 60.22 lakhs 18.15 lakhs	 Not received 49.12 lakhs 60.22 lakhs 18.15 lakhs
Minor projects 1.	2017	UGC-DAE	0.45 lakhs	0.45 lakhs
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College 1. 2. .	2017 2017	CTDT CTDT	0.25lakhs 0.25 lakhs	0.25lakhs 0.25 lakhs
Students research projects *(other than compulsory by the University)*				
Any other(Specify)				
Total				

3.7 No. of books published i) With ISBN No. [1] Chapters in Edited Books [ ]

ii) Without ISBN No. [ ]

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	5			1	
Sponsoring agencies	4			1	

3.12 No. of faculty served as experts, chairpersons or resource persons [5]

3.13 No. of collaborations International [4] National [3] Any other [ ]

3.14 No. of linkages created during this year [ ]

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
		1				

Criterion – IV
4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	50	1	50	26	25	3		
Added								
Total								

Criterion – V
5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
228	50	44	

0Name: _____ *Name:* _____
Signature: _____ *Signature:* _____
(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

PART B

DEPARTMENT WISE DETAILS

- SAP CAMPUS

5.32. Department of Architecture

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
15	6	5	3	1

2.2 No. of permanent faculty with Ph.D.

5

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
0	2	0	1	0	2	0	0	0	5

2.4 No. of Guest and Visiting faculty and Temporary faculty

	57	9

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	3	7	
Presented papers	7	1	
Resource Persons	2	2	

2.10 Average percentage of attendance of students

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	2
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	
Faculty exchange programme	
Staff training conducted by the university	3
Staff training conducted by other institutions	1
Summer / Winter schools, Workshops, etc.	
Others	

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	6			
Technical Staff	4			

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number		1	1	
Outlay in Rs. Lakhs		112	133	

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	4		
Non-Peer Review Journals			
e-Journals			
Conference proceedings	7	1	

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

ii) Without ISBN No. [1]

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1				
Sponsoring agencies	Centre val de Loire, France and Anna University, Chennai				

3.12 No. of faculty served as experts, chairpersons or resource persons [7]

3.13 No. of collaborations International [3] National [ ] Any other [ ]

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
1		1				

Criterion – IV
4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	129	86	-	-	4	5	5	29
Added	50	50	-	-	-	-	-	-
Total	179	136	-	-	4	5	5	29

4.6 Amount spent on maintenance in lakhs :

iii) Equipments	0.54194
iv) Others	0.75555
Total :	1.29745

Criterion – V
5.Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
433	72	13	

(b) No. of students outside the state

(c) No. of international students 7

Men	No	%
	162	31

Women	No	%
	356	69

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
18	24	1	102	-	145	22	26	-	100	1	149

Demand ratio Dropout %

5.5 No. of students qualified in these examinations

NET SET/SLET GATE 3 CAT

IAS/IPS etc State PSC UPSC Others

Criterion – VI
6. Governance, Leadership and Management

6.11 Activities and support from the Alumni Association

1. **"SAPAA CAR TREASURE HUNT"** event on 7th may 2017.
2. **Felicitation: Prof N. Altaf Ahmed** on being awarded the prestigious **Madhav Achwal Gold Medal** on 7th May 2017
3. Film screening of "**UNCOMMON SENSE - the life and architecture of Laurie baker**" on 30th march 2017.
4. The **SAPAA web portal** launched on 30th March by **Prof. Harris** 30th march 2017
5. **A sketching workshop** by **SAP Alumni Association** on 10th march 2017.
6. **SAPAA- SAP** sports day event on 12th February 2017.

Name: _____ *Name:* _____
Signature: _____ *Signature:* _____
(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

5.33. Department of Planning

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
2	-	2	-	5

2.2 No. of permanent faculty with Ph.D.

2

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
1	1	1	1	0	2	-	-	2	4

2.4 No. of Guest and Visiting faculty and Temporary faculty

2	5	0

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	1	2	-
Presented papers	-	1	-
Resource Persons	-	0	-

2.10 Average percentage of attendance of students 85%

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	Nil
UGC – Faculty Improvement Programme	3
HRD programmes	Nil
Orientation programmes	Nil
Faculty exchange programme	Nil
Staff training conducted by the university	Nil
Staff training conducted by other institutions	Nil
Summer / Winter schools, Workshops, etc.	Nil
Others	Nil

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	-		-	-
Technical Staff	1		-	-

Criterion – III
3. Research, Consultancy and Extension

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	5	1	-
Outlay in Rs. Lakhs				

3.3 Details regarding minor projects - Nil

	Completed	Ongoing	Sanctioned	Submitted
Number				
Outlay in Rs. Lakhs				

3.4 Details on research publications

	International	National	Others
Peer Review Journals	-	-	-
Non-Peer Review Journals	-	1	-
e-Journals	-	-	-
Conference proceedings	-	1	-

3.5 Details on Impact factor of publications: Nil

Range | Average | h-index | Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2016	TUFIDCO	1.52 Cr.	Nil
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects *(other than compulsory by the University)*				
Any other(Specify)				
Total				

3.7 No. of books published i) With ISBN No. 0 Chapters in Edited Books 0

ii) Without ISBN No. 0

3.11 No. of conferences organized by the Institution - Nil

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

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

3.13 No. of collaborations International [-] National [ ] Any other [-]

3.14 No. of linkages created during this year [-]

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
-						

Criterion – IV
4. Infrastructure and Learning Resources

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	25	1	25	1	0	1	1	-
Added	-	-	-	-	-	-	-	-
Total	25	1	1	1	0	1	1	-

4.6 Amount spent on maintenance in lakhs :

iii) Equipments [0.52]

iv) Others [0]

Total : [0.52]

Criterion – V
5. Student Support and Progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
0	32	0	0

(b) No. of students outside the state [2]

(c) No. of international students [0]

Men

No	%
13	41

Women

No	%
19	59

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
0	2	0	11	0	13	0	4	0	15	0	19

Demand ratio 64% Dropout % 4

5.5 No. of students qualified in these examinations

NET	0	SET/SLET	0	GATE	6	CAT	-

IAS/IPS etc	-	State PSC	-	UPSC	-	Others	-

Criterion – VI

6. Governance, Leadership and Management

6.11 Activities and support from the Alumni Association

Alumni Best Award for the top scorer in Dissertation

Name: _____ *Name:* _____

Signature: _____ *Signature:* _____

(Department Coordinator for IQAC) *(Head of the Department)*

_____***_____

Annexure – I
Extension Activities

(i) Report of NCC activities for the year 2016-17:

S. No.	Date	Event Name	Description	Location	Cadet Strength
1	11-Jun-16 to 20-Jun-16	Combined Annual Training Camp – II	Our cadets learnt the basics of firing and map reading	3 – BATTALION NCC, Kancheepuram	60
2	21-Jun-16	International Yoga Day Celebration	Celebrated the second international Yoga day	Sports Ground, Anna University	60
3	04-Jul-16 to 13-Jul-16	Combined AnnualTraining Camp – IV	Our cadets learnt the basics of firing and map reading	3 – BATTALION NCC, Kancheepuram	15
4	08-Jul-16 to 18-Jul-16	Basic Leadership Camp	Our cadets attended the camp and knew the leadership qualities	Coimbatore	15
5	17-Jul-16 to 27-Jul-16	Inter Group Competition – Football	Our cadets attended the camp and learnt the football tactics	Prathyusha Engineering College, Thiruvallur	2
6	22-Jul-16 to 31-Jul-16	Inter Group Competition - Hockey	Our cadets attended the camp and learnt the hockey tactics	Thanjavur	2
7	24-Jul-16	Green Kalam Movement	Conducted by actor Vivek		30
8	19-Aug-16	Swachh Bharath Pledge			30
9	02-Sep-16	Gender Sensitization Speech	Speaker– BharathiBhaskar,conducted by Prevention Of Sexual Harassment Cell	Vivekananda Auditorium, Anna University	50
10	08-Sep-16	OTA VISIT	To witness the Passing Out Parade of Officers	OTA, CHENNAI	15
11	09-Sep-16	Guard Of Honour	Unit Inspection by GpCapt.DhineshSuri	1 (TN)CTC NCC	20
12	11-Sep-16	First Aid Awareness	Cadets got the awareness of First Aid & Golden Hour	Vivekananda Auditorium	35
13	18-Sep-16	Ship Visit	Cadets visited the Navy Office at Chennai	INS ADYAR	
14	28-Sep-16	Campus Cleaning And Awareness	Mass Cleaning by our Cadets in & around the unit	CEG CAMPUS	16
15	27-Nov-16	NCC Day Function	68th NCC Day Celebration	Koyembedu	30

S. No.	Date	Event Name	Description	Location	Cadet Strength
16	26-Jan-17	Republic Day Parade	68th Republic Day was celebrated along with National Flag hoisting	CEG MAIN BUILDING	130
17	30-Jan-17	Blood donation camp – 'Udhira'	As a part of social responsibility, successfully organized a blood donation camp in association with Cancer Institute	ALUMNI CENTRE, CEG	80
18	19-Mar-17	Annual Sports Day	Our cadets attended the Annual Sports Day of Anna University	Sports Ground, Anna University	50
19	11-May-17	Unit Inspection	Guard Mounting	1 (TN)CTC NCC	20
20	01-Jun-17 to 10-Jun-17	Combined Annual Training Camp - I	Our cadets learnt the basics of firing and map reading	3 – Battalion NCC, Kancheepuram	57
21	07-Jul-17 to 17-Jul-17	Combined Annual Training Camp - II	Our cadets learnt the basics of firing and map reading	3 – Battalion NCC, Kancheepuram	15
22	13-Jul-17 to 21-Jul-17	Basic Leadership Camp	Our cadets attended the camp and knew the leadership qualities	TANJORE	5
23	01-Aug-17 to 15-Aug-17	Army Attachment Camp	Our cadets attended the camp and learnt the basic tasks of Engineers in Indian Army	SECUNDERABAD	15
24	21-Aug-17 to 02-Sep-17	Advanced Leadership Camp	Our cadet excelled in BLC and selected for ALC	AGRA	1
25	23-Aug-17	Essay Competition	National level competition on 'SwachhBharath'	EG Hall, CEG Campus	100
26	11-Sep-17	Guest Lecture	Lecture on HAM Radio	Hall Of Guinness	80
27	13-Sep-17	Guard Mounting	Guard Mounting for Maj.Dr.S.RajendraBoopathy	CEG Main Building	100
28	14 & 15-Sep-17	Guest Lecture	Lecture on Gender Sensitization by BharathiBhaskar&Parveen Sultana	Vivekanandha Auditorium	50
29	17-Sep-17	Sports Day	Sports Competition for Alumni	Sports Ground, Anna University	20
30	27-Sep-17	Guest Lecture	Event on 'Swachatta Hi Seva'	Vivekanandha Auditorium	120
31	08-Oct-17	Press Meet	Press Meet with Science &Research Minister	CEG TAG AUDITORIUM	20

S. No.	Date	Event Name	Description	Location	Cadet Strength
32	12-Oct-17	Guest Lecture	Guest Lecture by Retd.Brigadier.R. Jaganathan	Alumni Centre, CEG CAMPUS	50
33	14-Oct-17 to 16-Oct-17	Volunteering Work	For India International Science Festival	Sports Ground, Anna University	10/day

(ii) Report of NSS Activities for the year 2016-17:

Service to mankind equalize service to god.

The volunteers of NSS UNIT-4, CEG, attended a 7-day camp at a village called Siruvapuri(locally known as Chinnambedu), located about 40 kms from Chennai. The objective of this camp was to begin the interface with community, rapport building with the village members and developing understanding of the village keeping in view the rationale of village adoption, which have already made by visiting and servicing the village for seven long years, i.e. develop long term institutional relation with the community and contribution to the upliftment of the people therein.

We talked to the villagers about the various problems they faced and conducted many activities for the betterment of the village. All the first year volunteers were segregated into six groups of ten each with three second year volunteers as team heads to assist the first years. The third years took over the job of monitoring and organising things to perfection. We were also assisted by the passed out seniors and alumni who joined us in the camp. Students were given guidance by our program officer Arulchelvam sir throughout the camp. The report herein consists of the activities we conducted, concerns of the villagers and our personal suggestions for the betterment of the village

1. Temple Cleaning

Around 11AM we entered the 'Amman' temple in Ayyapakkam. We started cleaning the areas around the temple by collecting the waste materials around and removing the over grown plants and grass.

Then we moved into the inside of the temple and started cleaning the meadows.The waste plastic materials were collected by our students and dumped at a particular spot from where it was taken to the garbage area by the municipality workers.

The overgrown grass were cut off and removed. The plants which were blocking the pathways were trimmed.

2. Temple renovation:

The construction works inside the temple was assisted by our students. The construction materials were carried by the volunteers to the construction site.

Part of the unfinished construction zone was finished by our students under the assistance of the construction workers.

The walls and blocks of the temples were made clean by the volunteers.

3. Street Cleaning

The narrow streets in the Ayyapakkam zone were cleaned and the plastic waste materials were collected all over the area. The collected plastics were then took away by the municipal sanitary workers.

4. Ground cleaning:

The school ground was full of waste and overgrown plants which made it no-usable for students. First we collected waste materials from the ground.

The plastic waste were separated from bio-degradable wastes for recycling purpose.

Then the grass and overgrown plants were removed by the students. The ground was swept completely for the use of students.

6. Ground renovation

The compound wall of the ground was cleaned using ‘emery paper’ thoroughly.The wall was then painted by our volunteers using distemper paint completely.

7. TREE PLANTATION:

Tree saplings were planted around the perimeter of the ground.

The volunteers dig holes for planting the saplings at the corners of the ground.

Around 15 saplings were planted and watered by the students and protective grill-fence were placed over saplings to ensure protection.

8. Mass Cleaning

All the students were asked to assemble near Red building. Dr.P.Narayanasamy, the Dean of CEG, inaugurated this event. The students of all the NSS units gave their contribution to this event. Hand gloves and plastic bags were provided to the students. In each unit, eight first year students were guided by two second year students and one third year student. The main aim of this event was to keep the campus free from plastics and other wastes.

9. Rural Development Program

Building connections between youth and the community

'The future of India lies in its villages' said Mahatma Gandhi. The NSS Cell of College of Engineering Guindy, Anna University and National Council of Rural Institutes, Hyderabad arranged for a skill based Orientation Program on Motivation of Youth for Inspiring Rural Reconstruction which was co-ordinated, volunteered and organized by NSS Unit 4 on 22nd oct. '16 from 8:30am to 04:30pm at Hall of Guinness, Manufacturing Department.

10. Traffic Awareness Program

A death occurs from a road accident every 2.3 minutes; 26 road facilities occur every hour. This is a serious issue to be noted. We the students of NSS unit 4 addressed this issue in a very friendly & comic manner , in an unique style.

This TRAFFIC AWARENESS campaign in association with the NGO "Thozha" and helping organization "D4V" was done in 100 signals which was approved in the **"INDIAN BOOK OF RECORDS".**

Finally the certificates were given to the students by our program officer Dr.ArulSelvan.

11. Tree Plantation Program

In order to bring this famous saying a truth, we the pillars of NSS cell of CEG Anna University have organized a tree plantation program on 28th of January 2017. By 2:30pm the student volunteers of all NSS units assembled near the red building. And as a first part students were provided with refreshments and they were directed to the plantation spot near 2 wheeler parking lot of main campus. Prof Dr.S.Ganesan, respected registrar of Anna University addressed the students about the need of plantation of new trees at present situation as the city witnessed uprootment of trees to a greater extent and almost CEG lost its lustre. He also emphasized on the need of such a beautiful natural belt. Trees do not provide oxygen only, they play an important role in the ecology system also, ecological imbalance can cause flood, drought and various other natural calamities that can lead to destruction of life from this earth. Therefore it's important that we save the trees we have in order to maintain ecological balance and we should also plant more and more trees to save the destruction of life from this earth. He also mentioned that chennai is famous for the natural belt in Raj bhavan, IIT Madras and our glourious CEG.

Followed by that all the units were instructed to plant atleast 6 trees. The pits was already dugout and various saplings were placed near them. The students were asked to place that saplings in those pits and level the surface after watering them. And the event was glorified by the presence of our beloved dean Prof.Dr.P.Narayanaswamy, Dr.R.Ramesh, NSS programme coordinator, Dr.S.Arulchelvan, Dr.VK.Stalin and various other professors. They planted a tree each and took part in the zeal. The student volunteers enthusiastically participated in the program and many were pleased as it was their first experience. The NSS coordinators made sure that the students who planted trees must take care of it as far as they stay in the campus and seniors were asked to follow up the juniors. At the end of programme there was a photo session.

12. Youth Social Awareness Program

"Social awareness among the youths of today is very essential for a better tomorrow". YOUTH SOCIAL AWARENESS PROGRAM was conducted on October 15, 2016 by our unit. The program was presented by .The students of all 12 NSS units of Anna University, CEG attended the presentation. The presentation on YOUTH SOCIAL AWARENESS PROGRAM was an interactive session and the students expressed their views about the problems in society, causes for those problems, their involvement in preventing such issues, carelessness among the people which leads to such social problems and so on. At the end of the session on YOUTH SOCIAL AWARENESS PROGRAM the students were able to gather a valuable set of information and the duty to be rendered by them to the society. Finally the program officer Dr.Arulchelvan thanked the gathering

(iii) Report of YRC Activities for the year 2016-17

1. **3-DAY CAREER SENSITIZATION WORKSHOP*:***

In association with Karna Vidhya Foundation (KVF), we organized the **3-Day Career Sensitization Inter-Collegiate Workshop for the Visually Impaired Students** across Chennai on 9th, 10th& 11th of July 2016 with the help of YRC Volunteers at Hall of Guines'68, Dept. of Manufacturing Engg., CEG Campus, Anna University. The first day would showcase an exhibition of Assistive Technology to all the students (both disabled and non-disabled), Government officials and employers followed by the workshop on the second and third.

2. BEST VOLUNTEER AWARD:

Best Volunteer Award for the year 2015-16 was given to 27 YRC Student Volunteers of CEG, AC Tech, SAP & MIT Campuses of Anna University by the Convener Committee Member and Dean, CEG Campus **Dr.P.NARAYANASAMY** during the 70th Independence Day Celebrations on 15.08.2016 (Monday).

3. ***YOUTH MOTIVATION TALK PROGRAMME****:*

As a part of 70th Independence Day Celebration, a **"Youth Motivation Talk"** was organized by YRC, Anna University for the benefit of first year NCC, NSS & YRC student volunteers on 15.08.2016 (Monday) in the Vivekananda Auditorium in association with an NGO Yuva Shakthi, Chennai. Chief Guest Mr.Isaikkavi Ramanan, Tamil Scholar delivered lecture on the topic **"Edhu Sudhanthiram?".** Dr.P.Narayanasamy,Dean, CEG Campus, Anna University, Dr.B.Kumar YRC Coordinator, Dr.R.Ramesh, NSS Coordinator and other YRC Programme Officers participated.

4. **SUKARAKSHA'16 – A MASS BLOOD DONATION CAMP:**

A **Mass Blood Donation Camp** named **Suka Raksha'16** was organized on 31.08.2016 (Wednesday) and **164 units** of blood was collected and donated to the Blood Bank of Cancer Institute, Adyar, Chennai – 20.

5. **INSIGHT – CAREER PROGRAMME (ICP)**

In association with Skills Grow Career Lab, Chennai, we organized a Motivation Programme **"Insight – Career Programme (ICP)"** for 1st year YRC Student Volunteers of CEG, AC Tech, SAP and MIT Campuses of Anna University on **17.09.2016 (Saturday)** at **CEG's TAG Auditorium**, Department of Mechanical Engineering, CEG Campus, Anna University. **Mr.Boovarahan – Founder & CEO, Aspire Systems USA, Dr.Manoj Rajan**, **Chairman & MD Dr.Smilez Group of Dental Hospitals** and **Mr.Viswanath, General Manager, Siemens India** addressed and shared their experience with YRC Student Volunteers on that day.

6. ROAD SAFETY PROGRAMME 2017:

From January 9th – 15th, 2017, the **28thRoad Safety Week** was observed on the theme **"YOUR SAFETY, SECURES YOUR FAMILY, BE CAUTIOUS ON ROAD".**

On 26.02.2017 (Sunday) Road Safety competitions like Quiz, Oration (Tamil & English), Painting, Slogan Writing (Tamil & English), etc. were conducted based on the above theme for YRC Volunteers of CEG, AC Tech & SAP Campuses. Road Safety Rally also conducted from CEG Main Building to Anna University Main Gate and finished at CEG Alumni Centre.

On 08.03.2017 (Wednesday), a Valedictory and Prize Distribution function for was held at Optimize Hall, Dept. of Industrial Engg., CEG Camus. The prizes were distributed to the winners by the Chief Guest Thiru.P.Thiruvalluvan, RTO, Chennai – South, Dr.B.Kumar, YRC Coordinator, Anna University and Mr.D.Narashiman, YRC Programme Officer, Unit-I, CEG Campus.

7. ***RELEASING OF VOLUNTARY BLOOD DONORS DATABASE 2017:***

On 26.01.2017 (Thursday), a **Voluntary Blood Donors Database 2017** containing 994 students of CEG Campus was released by the Convener Committee Member and Dean, CEG Campus **Dr.P.NARAYANASAMY** during 68th Republic Day Celebrations.

8. ***VIVEGA'17:***

On 05.02.2017 (Sunday), **VIVEGA'17**, an event organized by the CEG YRC to bring out the inherent talents of children from various orphanages in and around Chennai at Henry Maudslay Hall, Dept. of Mechanical Engg., Anna University. Dr.K.Ganapathy Venkatasubramaniam, Paediatric Cardio Vascular Surgeon, Chennai inaugurated the event. Dr.B.Kumar, YRC Coordinator, Anna University and Mr.D.Narashiman, Programme Officer, Unit-1, CEG Campus and all the YRC Volunteers along with children from the following 7 Orphanages participated.

Many students eagerly participated in all the events. Through these events, students were made to think intuitively apart from their studies. The topics of the events made the students stimulate their creativity. All the events were conducted for two categories of students: $6^{th} – 8^{th}$ and $9^{th} – 12^{th}$ STD.

Around 160 children from all the 7 Orphanages took part. Prizes were distributed by Mr.Arun Vijay, Cine Actor, Mr.P.Theertharappan, M/s Sri Sairam Caterers, Chennai, Dr.B.Kumar, YRC Coordinator and Mr.D.Narashiman, YRC Programme Officer, CEG, Unit-1.

9. ***WHITE CANE DAY OBSERVATION:***

On 19th Feb 2017 (Sunday), around 40 YRC Volunteers of CEG Campus with YRC Programme Officer, Mr.D.Narashiman, Unit-1, CEG Campus observed '**White Cane Day'** at **Arul Vizhigal Home, Chennai – 5** by conducting cultural events and donating Pen Drive, Dictionaries, Stationery Items, Lap Top chargers etc. to the visually challenged students.

10. ***BLOOD DONATION DURING EMERGENCY REQUEST:***

About 65 Student volunteers of Anna University donated blood to the patients of Cancer Institute, Apollo Hospital, MMM Hospital, Malar Hospital, Global Hospital, SRMC on emergency request from July 2016 to April 2017.

11. ***READING FOR THE BLIND ACTIVITY:***

Reading for the Blind Activity by YRC Volunteers of Anna University was held on every Saturday from July to November 2016 and January to April 2017 at Fathima Matriculation School, Kodambakkam, Chennai.

12. 7-Day Special Camp Activity:

4 YRC Units of College of Engineering Guindy (CEG) Campus, 3 YRC Units of Madras Institute of Technology (MIT) Campus and 1 Unit of SAP Campus conducted a 7-Day Special Camp on the theme **"Everywhere for Everyone"** during the month of June / July & November 2016 for the 1st year YRC Student Volunteers (2015-16 Batch) as follows:

College / Campus	Unit	Camp Site / Venue	Camp Periods	No. of YRC Volunteers involved	Name of the YRC Programme Officer organized
CEG	1 & 3	Cyclone Relief Building, Kadalur Village Post, Near Kalpakkam Cheyyur (Taluk), Kancheepuram Dist. 603 305	22.06.16 to 28.06.16	98	Mr.D.Narashiman Dr.R.Lavanya
	2 & 4	Ford Rehabilitation Center, Panaiyur Kuppam, Edaikazhinadu Town Panchayat, Near Kadapakkam (ECR) Cheyyur Taluk, Kancheepuram Dist. 603 302	24.06.16 to 30.06.16	105	Dr.V.Gomathi Dr.K.Malar Mohan
MIT	1, 2 & 3	Govt. Middle School, Aanoor Village Thirukazhukundram Taluk, Kancheepuram Dt.	26.06.16 to 02.07.16	140	Mr.G.Anand Kumar, Dr.K.Elangovan & Mrs.A.Divya
SAP	1	Pravagam Community College, Venkatapuram Village, Vellore District	17.11.16 To 23.11.16	45	Mr.S.K.Rajasekaran

Activities carried out during the 7-Day Special Camps: Eye Check-up Camp by Dr.Agarwal's Eye Hospital Ltd., Medical Camp by Chettinad Hospitals Ltd, Veterinary Camp by Madras Veterinary College, Vepery, Road Safety Programmes & Rally, Awareness on Health & Hygiene, Demo & Lecture on Fire Safety by Tamil Nadu Fire & Rescue Service, First Aid Training & Lecture by Rashtriya Life Saving Society, Literacy Programmes, Career Guidance to 10th & +2 Students, Educating School Children, Tree Plantation, Door to Door Surveying & Campaign, Cleaning Activity, etc.

Beneficiary:

School students / General public / Residents of respective villages, YRC Student Volunteers, etc.

(iv) Report on Extension Activities with societal engagements and Institutional Social Responsibility

1. Coastal Clean Up At Marina Beach Chennai - 2017

ENVIS – Centre for Coastal Zone Management and Coastal Shelter Belt, Institute for Ocean Management, Anna University, Chennai – 600 025, organized a coastal clean - up activity at Marina Beach, Chennai on February 11th 2017. Our ENVIS team member and our M.Tech coastal Management students participated in the clean-up activity. As a initiative we started this clean-up activity for a 2 kms stretch at Marina, for the upcoming years we are planning to cover above 5 kms stretch. We started the event around 8 am in the morning and started collecting the plastics, dusts and etc. in a separate garbage bags. And disposed in the dustbins finally.

2.INDO-DUTCH Course Work 2017

The 13th INDO-DUTCH course on "Ecosystems -Governance &Services " was hosted by Institute for Ocean Management, Anna University, Chennai and MARE, University of Amsterdam, The Netherlands from 3rd to 12th April 2017. A total of 22 students from Department of Human Geography, Planning and International Development Studies of the University of Amsterdam, The Netherlands participated in the course.

3. World Wetlands Day – 2017

ENVIS – Centre for Coastal Zone Management and Coastal Shelter Belt, Institute for Ocean Management, Anna University, Chennai – 600 025, celebrated the World Wetlands Day – 2017, On the theme "Wetlands for Disaster Risk Reduction"; the event started with a panel discussion on the theme. Panel Member Mr.J.Sankar, Consultant - IOM, Anna University addressed the gathering and discussed the "Wetlands and its aspects on Geomorphology", Dr.V.Ram Mohan, Consultant - IOM, Anna University, gave a brief introduction on "Evolution of Coastal and Inland Wetlands". Dr. Amali Infantina, Programme Officer ENVIS – CZM & CSB, discussed the "Benefits and Conservation of Wetlands". The M.Tech – Coastal Management students of IOM, Anna University shared their views and objectives of their projects related to the wetlands. The program ended after issuing neem seeds to the student representatives of AnnaUniversity and participants, as to recompense the severe destruction caused by uprooting trees due to cyclone Vardah.

4. Science Express Climate Action Special - (SECAS) 2017

Science Express Climate Action Special (SECAS) was flagged off on 17th February 2017 from Delhi Safdarjung Railway Station by Dr. Harsh Vardhan, Hon'ble Minister of Science & Technology and Earth Sciences; Shri Suresh Prabhakar Prabhu, Hon'ble Minister of Railways; Shri Anil Madhav Dave, Hon'ble Minister of Environment, Forest and Climate Change; Shri Y. S. Chowdary, Hon'ble Minister of State for Science & Technology and Shri Manoj Sinha, Hon'ble

Minister of State for Railways in presence of several other dignitaries and guests. SECAS is an innovative mobile science exhibition mounted on a 16 coach AC train which has been custom-built for Department of Science & Technology (DST) by Indian Railway. The state-of-the-art exhibition aboard the 'Science Express Climate Action Special (SECAS)' aims to create awareness among various sections of society, especially students, as to how Climate Change can be combated through mitigation and adaptation. Our ENVIS team – Center for Coastal Zone Management and Coastal Shelter Belt, Institute for Ocean Management, organized several awareness activities on "Global Warming and Climate Change" at Pondicherry railway station. Pamphlets, posters, publications, word search game, coloring sheets on coastal pollution , etc was circulated to the school students present there, in order to create awareness regarding climate change and its impact on environment. The Students were actively interacted and participated in several activities conducted by our ENVIS team.

5. Chennai Ennore Oil Spills Field Visit - 2017

ENVIS - Centre for Coastal Zone Management and Coastal Shelter Belt, Institute for Ocean Management, Anna University, organized a Field Trip on Saturday, February 4^{th,} 2017 to the Ennore , R.K.nagar stretch joining hands along with theM.Tech - Coastal Management students of Anna University, the team ENVIS, IOM Staffs and Students meet the Coastal Guard officials and discussed about the oil spill and its impacts on marine ecology. Some of our volunteers took part in the clean up activity. We have attached our In News collection relevant to your Office Memorandum, and we have also shared the photographs took during our Field Visit.

6. World Ocean Day - 2017

We the ENVIS Centre at IOM celebrated the "World Ocean Day - 2017" by arranging awareness programme on our "oceans our future", on an action plan for "Encouraging solution to plastic pollution and preventing marine litter for a healthier ocean and a better future" for the students of Arignar Anna Government Higher Secondary School, Besant Nagar, Chennai - 90

7. Chennai Science Festival 2017

Chennai Science Festival 2017 on "Sustainable Water Management and Agriculture" held from 9th to 12th February, 2017 at Queen Mary's college, Chennai, Tamil Nadu.

8.Neem Chennai Meet 2016

Our ENVIS centre participated in the " Neem Chennai Meet 2016" which was organized by Green warriors Chennai team held on December 24th, 2016 at Koncpt NEET Hall, Parry's Corner, Chennai, Tamil Nadu. This event was conducted to create awareness among the public on loss of trees due to Vardah Cyclone. Around 80 volunteers participated the programme. A special demonstration was given by Agri A. R. Moorthyon Neem seeds. Around 50,000 Neem seeds were distributed to the participants and they were instructed to grow in their surroundings areas to

make up for the loss of trees.As an initiative, our ENVISteam members planted the neem seeds and maintained a small gardens in front of our centre."Go green and save the planet earth".

9. Science Express Climate Action Special (SECAS) - 2016

Science Express Climate Action Special (SECAS) was flagged off on 15 October 2015 from Delhi Safdarjung Railway Station by Dr. Harsh Vardhan, Hon'ble Minister of Science & Technology and Earth Sciences; Shri Suresh Prabhakar Prabhu, Hon'ble Minister of Railways; Shri Prakash Javadekar, Hon'ble Minister of Environment, Forest and Climate Change; Shri Y.S. Chowdary, Hon'ble Minister of State for Science & Technology and Shri Manoj Sinha,Hon'ble Minister of State for Railways in presence of several other dignitaries and guests. SECAS is an innovative mobile science exhibition mounted on a 16 coach AC train which has been custom-built for Department of Science & Technology (DST) by Indian Railway. We had conducted several activities to showcase ENVIS information products, resources in the form of data, pictures, posters, films, publications, essay writing, word search game etc. in order to create awareness regarding climate change and its impact on environment for the students. The Students were actively interacted and participated in several activities conducted by our ENVIS team at Vellore junction on March 2nd, 2016 and Kumbakkonam junction on March 4th to 6th, 2016.

10. Inter School Science Carnival 2016

ENVIS - Centre for Coastal Zone Management and Coastal Shelter Belts, Institute for Ocean Management (IOM), Anna University, Chennai organized the " Inter-school science carnival 2016" on 13.02.2016 at Koodal Building. Around 20 Schools participated in the events like Doodle it, Kindle express and Quiz competition.

11. Chennai Science Festival 2016

Chennai Science Festival 2016 on "Disaster management - 2016 " held at Queen Mary's college, Chennai, Tamil Nadu.

12. Awareness programmes conducted by SAP campus

- Wall painting at Apollo hospital wall for hope for cancer survivors(23-25.12.16)
- Waste segregation, composting and campus clean up- monthly activity
- Saplings plantation (3.8.16)
- Wall painting for awareness on plastics (6-12.6.17)

13. Coaching for IAS

IAS coaching is offered at institute level (MIT campus) by Manidha Neyam Academy, organized by the Professional Development Association (PDA) for the benefit of all students in MIT campus

(v) Details of Scholarships

CEG Campus				
I - Government Scholarships				
S.No	**Details of the Aid / Scholarship**	**No. of students**	**Amount (Rs.)**	**policy**
1.	BC/MBC Scholarship (Fresh & Renewal)	1171		community based scholarship
2.	SC/ST Scholarship (Fresh & Renewal)	809		community based scholarship
3.	SC/ST Special Loan Scholarship (Fresh & Renewal)	326	260800	community based scholarship
4.	Chief Minister Award (Fresh & Renewal)	291	873000	community based scholarship
5.	Gandhi Memorial Award (Fresh & Renewal)	14	22500	community based scholarship
6.	Bright student award	4	8000	community based scholarship
7.	Tamilnadu educational trust scholarship (Fresh & Renewal)	2	14000	Irrespective of community
8.	Merit-cum-Means Minority students (Fresh & Renewal)	57		community based scholarship and the scholarship amount directly credit into students bank account
9.	Central sector scholarship (2013 Batch students)	63	1260000	Scholarship Rs.20,000/- per student, sch. amount directly credit into student's bank account.
10.	Central sector scholarship (2014 Batch students)	109	1090000	Scholarship Rs.10,000/- per student, sch. amount directly credit into student's bank account.
11.	Central sector scholarship (2015 Batch students)	86	860000	Scholarship Rs.10,000/- per student, sch. amount directly credit into student's bank account.
12.	Central sector scholarship (2016 Batch students)	120	1200000	Scholarship Rs.10,000/- per student, sch. amount directly credit into student's bank account.
13.	District topper scholarship	1	5000	Irrespective of community
14.	Post Matric Scholarship for Student with Disability	1		scholarship for student with disability
15.	Post Matric Scheme for Award of Scholarships under Beedi Workers Welfare fund	1		under Beedi Workers Welfare scholarship
16.	National Handicapped and Finance Corporation (NHFDC) - scholarship for disabled students	10	394585	sch. amount directly credit into student's bank account.
Total		3065	5987885	

II - Anna University Endowment Scholarships				
S.No	**Details of the Aid / Scholarship**	**No. of students**	**Amount (Rs.)**	**Remarks**
17.	Dr. MGR and Thiru Quaid-E-Milleth Endowment scholarship	56	448000	Irrespective of community
18.	CEG 72 Trust Endowment Scholarship	19	152000	Irrespective of community
19.	CSE Alumni Endowment	11	291500	Irrespective of community

	Scholarship			
20.	Anna University Chennai student welfare endowment sch.	10	250000	Irrespective of community
21.	1975 Batch Alumni Endowment Sch	4	80000	Irrespective of community
22.	Madras Dock Labour Board - Dr. B.R. Ambedkar End. Scholarship	1	25000	Irrespective of community
23.	G. Krishnamoorthy Award	1	12500	Irrespective of community
24.	MGMI – ICCAMI '93 Endowment	2	18000	Irrespective of community
25.	Guindy Engineers 62 trust scholarship	3	115500	Irrespective of community
26.	1957 Guindyians Endowment Scholarship	1	25000	Irrespective of community
27.	1956-60 CEG Batch Endowment Scholarship	4	80000	Irrespective of community
28.	Guindy class of 1973 Endowment Scholarship	2	50000	Irrespective of community
29.	CEG 1961 Batch Golden Jubilee Endowment Scholarship	4	80000	Irrespective of community
Total		118	1627500	

III - Other Scholarships				
S.No	**Details of the Aid / Scholarship**	**No. of students**	**Amount (Rs.)**	**Remarks**
30.	Cognizant Foundation Scholarship (Fresh & Renewal)	21	945000	Irrespective of community
31.	Bank of Tokyo Mitsubishi Scholarship (Fresh & Renewal)	8	184800	Irrespective of community
32.	Indian Oil Corporation Scholarship	3	72000	Irrespective of community
33.	Rajasthani Association Scholarship	3	15000	Irrespective of community
Total		**35**	**1216800**	

MIT			
Government Scholarships			
Sl.No	**Name of Scheme**	**Number beneficiaries**	**Policy**
34.	BC/MBC/DNC	896	1. Scholarship for BC/MBC/DNC Students 2. Income should be below Rs.2,00,000/ 3. Income certificate from Tashildar office is must.
35.	SC/ST Scholarship	401	1. Scholarship for SC/ST Students Income should be below Rs.2,50,000/- 2. Scholarship for SC/ST Students of Christian Income should be below Rs.2,00,000/-
36.	TN Minorities Welfare Scholarship	15	1. Christian, Muslim, Buddhist, Sikkim students can apply 2. Income should be below Rs.2,50,000/-
37.	AR&DB Scholarship	7	only for Aeronautical students
38.	Differently abled Scholarship(NHFDC)	4	go through the web site www.nhfdc.com
39.	MHRD Schoarship	163	1. Based on 80% of marks in the H.S.C Exam and can apply from 1st year. 2. Income should be below Rs.6,00,000/-
Anna University Endowment Scholarships			
40.	Dr. M.G.R. & Thiru.Quide Milleth Endt. Scholarship	31	1. 1st year students of all Branches B.E./B.Tech.of MIT student can apply. 2. Income should not exceed Rs.1,00,000/-
41.	Student Welfare Endt. Scholarship	7	1. 2nd year students of all Branches B.E./B.Tech. of MIT, Can apply. 2. Income should not exceed Rs.1,00,000/-
Other Scholarships			
42.	Cognizant Technology Foundation Scholarship	24	1. Merit-cum-means based scholarship 2. 1st year CSE IT ECE and E&I students 3. Academic performance of the candidate in +2 exam and Ist Sem GPA will be considered
43.	Bank of Tokyo Scholarship	4	1. Income should not exceed Rs.36,000/- 2. First Year scholarship will be awarded based on theacademic performance in +2
44.	Miscellaneous Scholarship	18	Merit based scholarship
ACT			
Government Scholarship			
45.	TamilNadu Government Community Scholarship for BC/MBC&SC/ST Students'	619	Community based sholarship
SAP			
46.	**Anna University Endowment Scholarships**	6 Nos.	**<u>Anna University Chennai student Welfare Endowment Scholarship & Dr.M.G.R &Thiru Quaid –e-Milleth Endowment</u>** 1. Should have maintained a minimum CGPA of 6.5 2. Should not have obtained U of I or W grade in any of the course they had registered 3. Should not have been

			debarred/suspended from the institution/hostel 4. Should not have been involved in any misconduct including malpractice in Test /Examination 5. Should not avail any other scholarship
47.	**Government Scholarship**	38 Nos.	**<u>Government Scholarship</u>** 1. Postmatric Scholarship (PMSS) for Tamil Nadu (SC/SCA/ST) candidates Whose portal annual income less than 2.5 Lakhs 2. BC/MBC candidates Whose portal annual income less than 2.00 Lakhs

Industry Scholarships

S.No	Details of the Aid / Scholarship	No. of students	Remarks
1.	Renault Nissan Technology Business Centre India Pvt Ltd (RNTBCI) Scholarship	60	Merit based Scholarship
Total		**60**	

Annexure II

Programme wise Pass Percentage

ANNA UNIVERSITY ,
CHENNAI - 25
OFFICE OF THE ADDITIONAL CONTROLLER OF EXMINATIONS
(UNIVERSITY DEPARTMENTS)
COURSE / PROGRAMME WISE DISTRIBUTION OF PASS % IN APR / MAY 2017

CAMPUS : COLLEGE OF ENGINEERING
DEPT : CIVIL ENGINEERING

S.NO	BRANCH NAME	TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	B.E - AGRICULTURAL AND IRRIGATION ENGINEERING - [F.T]	71	7.04	30.99	2.82	40.85
2	B.E - CIVIL ENGINEERING - [F.T]	93	13.98	29.03	1.08	44.09
3	B.E - GEO-INFORMATICS - [F.T]	50	18	44	2	64
4	B.E - CIVIL ENGINEERING (TAMIL MEDIUM) - [F.T]	129	7.75	35.66	1.55	44.96
5	B.E - CIVIL ENGINEERING - [P.T]	296	0	3.72	3.04	6.76
6	M.E - ENVIRONMENTAL MANAGEMENT - [F.T]	2	0	50	0	50
7	M.E - HYDROLOGY AND WATER RESOURCES ENGINEERING - [F.T]	1	0	100	0	100
8	M.Tech - REMOTE SENSING - [F.T]	1	0	0	100	100
9	M.E - ENVIRONMENTAL MANAGEMENT - [P.T]	22	4.55	31.82	4.55	40.91
10	M.E - SOIL MECHANICS AND FOUNDATION ENGINEERING - [P.T]	3	0	33.33	0	33.33
11	M.E - STRUCTURAL ENGINEERING - [P.T]	1	100	0	0	100

DEPT : COMPUTER SCIENCE AND ENGINEERING

S.NO	BRANCH NAME	TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	B.E - COMPUTER SCIENCE AND	273	24.	38.83	1.8	64.84

	ENGINEERING - [F.T]		18		3	
2	B.E - COMPUTER SCIENCE AND ENGINEERING - [P.T]	115	0	6.96	.87	7.83
3	M.E - SOFTWARE ENGINEERING - [F.T]	4	0	25	0	25
4	M.E - SYSTEMS ENGINEERING AND OPERATIONS RESEARCH - [P.T]	18	5.56	44.44	0	50

DEPT : ELECTRONICS AND COMMUNICATION ENGINEERING

S.NO	**BRANCH NAME**	**TOTAL NO OF STUDENTS APPEARED**	**DISTINCTION %**	**I %**	**II %**	**PASS %**
1	B.E - ELECTRONICS AND COMMUNICATION ENGINEERING - [F.T]	314	16.88	29.94	2.87	49.68
2	B.E - BIO - MEDICAL ENGINEERING - [F.T]	69	7.25	39.13	4.35	50.72

ANNA UNIVERSITY ,
CHENNAI - 25
OFFICE OF THE ADDITIONAL CONTROLLER OF EXMINATIONS
(UNIVERSITY DEPARTMENTS)
COURSE / PROGRAMME WISE DISTRIBUTION OF PASS % IN APR / MAY 2017

CAMPUS : COLLEGE OF ENGINEERING
DEPT : ELECTRONICS AND COMMUNICATION ENGINEERING

S.NO	BRANCH NAME	TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
3	B.E - ELECTRONICS AND COMMUNICATION ENGINEERING - [P.T]	173	0	2.31	.58	2.89
4	M.E - APPLIED ELECTRONICS - [F.T]	5	0	20	20	40
5	M.E - APPLIED ELECTRONICS - [P.T]	19	10.53	31.58	0	42.11
6	M.E - MEDICAL ELECTRONICS - [P.T]	14	0	57.14	0	57.14

DEPT : ELECTRICAL AND ELECTRONICS ENGINEERING

S.NO	BRANCH NAME	TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	B.E - ELECTRICAL AND ELECTRONICS ENGINEERING - [F.T]	90	17.78	30	1.11	48.89
2	B.E - ELECTRICAL AND ELECTRONICS ENGINEERING - [P.T]	212	.47	8.49	2.36	11.32
3	M.E - POWER ELECTRONICS AND DRIVES - [F.T]	2	0	0	50	50
4	M.E - POWER SYSTEMS ENGINEERING - [F.T]	1	0	0	100	100
5	M.E - EMBEDDED SYSTEM TECHNOLOGIES - [P.T]	23	0	39.13	8.7	47.83
6	M.E - POWER ELECTRONICS AND DRIVES - [P.T]	30	0	26.67	3.33	30
7	M.E - POWER SYSTEMS ENGINEERING - [P.T]	25	12	24	0	36

DEPT : INDUSTRIAL

T ENGINEERING

S.NO	BRANCH NAME	TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	B.E - INDUSTRIAL ENGINEERING - [F.T]	64	18.75	34.38	0	53.13
2	B.E - INDUSTRIAL ENGINEERING - [P.T]	61	0	0	4.92	4.92
3	M.E - QUALITY ENGINEERING AND MANAGEMENT - [P.T]	16	31.25	37.5	0	68.75

DEP T : MANAGEMENT STUDIES

S.NO	BRANCH NAME	TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	M.B.A - MASTER OF BUSINESS ADMINISTRATION - [P.T]	50	0	40	6	46

ANNA UNIVERSITY ,
CHENNAI - 25
OFFICE OF THE ADDITIONAL CONTROLLER OF EXMINATIONS
(UNIVERSITY DEPARTMENTS)
COURSE / PROGRAMME WISE DISTRIBUTION OF PASS % IN APR / MAY 2017

CAMPUS : COLLEGE OF ENGINEERING
DEPT : MANUFACTURING ENGINEERING

S.NO	BRANCH NAME	TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	B.E - MANUFACTURING ENGINEERING - [F.T]	81	8.64	30.86	2.47	41.98
2	B.E - MANUFACTURING ENGINEERING - [P.T]	171	0	2.92	1.75	4.68
3	M.E - COMPUTER INTEGRATED MANUFACTURING - [P.T]	30	3.33	33.33	0	36.67

DEPT : MATHEMATICS

S.NO	BRANCH NAME	TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	M.Sc 5YR - COMPUTER SCIENCE(5 YRS INTEGRATED) - [F.T]	54	18.52	29.63	0	48.15
2	M.Sc 5YR - INFORMATION TECHNOLOGY(5 YRS INTEGRATED) - [F.T]	56	5.36	41.07	0	46.43
3	M.Sc - APPLIED MATHEMATICS - [F.T]	21	0	4.76	19.05	23.81
4	M.Sc - APPLIED MATHEMATICS - [F.T]	10	0	0	10	10

DEPT : MECHANICAL ENGINEERING

S.NO	BRANCH NAME	TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	B.E - MATERIALS SCIENCE AND ENGINEERING - [F.T]	73	12.33	34.25	2.74	49.32
2	B.E - MECHANICAL ENGINEERING - [F.T]	191	13.61	37.17	6.28	57.07
3	B.E - MECHANICAL ENGINEERING (TAMIL	140	1.43	30.71	.71	32.86

	MEDIUM) - [F.T]					
4	B.E - MECHANICAL ENGINEERING - [P.T]	248	0	2.02	.4	2.42
5	M.E - INTERNAL COMBUSTION ENGINEERING - [F.T]	1	0	0	100	100
6	M.E - ENERGY ENGINEERING - [P.T]	27	11.11	29.63	0	40.74
7	M.E - INTERNAL COMBUSTION ENGINEERING - [P.T]	22	4.55	27.27	9.09	40.91
8	M.E - COMPUTER AIDED DESIGN - [P.T]	31	9.68	25.81	6.45	41.94
9	M.E - PRODUCT DESIGN AND DEVELOPMENT - [P.T]	26	23.08	26.92	3.85	53.85

DEPT : MEDIA SCIENCES

ANNA UNIVERSITY ,
CHENNAI - 25
OFFICE OF THE ADDITIONAL CONTROLLER OF EXMINATIONS
(UNIVERSITY DEPARTMENTS)
COURSE / PROGRAMME WISE DISTRIBUTION OF PASS % IN APR / MAY 2017

CAMPUS : COLLEGE OF ENGINEERING

DEPT : MEDIA SCIENCES

S.NO	BRANCH NAME	TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	M.Sc 5YR - ELECTRONIC MEDIA(5 YRS INTEGRATED) - [F.T]	64	7.81	42.19	0	50

DEPT : MINING ENGINEERING

S.NO	BRANCH NAME	TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	B.E - MINING ENGINEERING - [F.T]	48	4.17	31.25	8.33	43.75

DEPT : PRINTING TECHNOLOGY

S.NO	BRANCH NAME	TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	B.E - PRINTING TECHNOLOGY - [F.T]	68	8.82	39.71	0	48.53
2	B.E - PRINTING TECHNOLOGY - [P.T]	66	0	1.52	0	1.52

DEPT : INFORMATION SCIENCE AND TECHNOLOGY

S.NO	BRANCH NAME	TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	B.Tech - INFORMATION TECHNOLOGY - [F.T]	206	11.65	36.41	3.4	51.46
2	M.C.A - MASTER OF COMPUTER APPLICATIONS (REGULAR) - [F.T]	61	11.48	75.41	0	86.89
3	M.C.A - MASTER OF COMPUTER APPLICATIONS (SS) - [F.T]	72	4.17	66.67	1.39	72.22

DEPT : MEDICAL PHYSICS

T

S.NO	BRANCH NAME	TOTAL NO OF DISTINCTION STUDENTS APPEARED	%	I %	II %	PASS %
1	M.Sc - MEDICAL PHYSICS - [F.T]	1	0	100	0	100

CAMPUS : AC COLLEGE OF TECHNOLOGY

DEP

T **:** CENTRE FOR BIO-TECHNOLOGY

S.NO	BRANCH NAME	TOTAL NO OF DISTINCTION STUDENTS APPEARED	%	I %	II %	PASS %
1	B.Tech - FOOD TECHNOLOGY - [F.T]	52	13.46	44.23	0	57.69
2	B.Tech - INDUSTRIAL BIO TECHNOLOGY - [F.T]	82	10.98	28.05	3.66	42.68

ANNA UNIVERSITY ,
CHENNAI - 25
OFFICE OF THE ADDITIONAL CONTROLLER OF EXMINATIONS
(UNIVERSITY DEPARTMENTS)
COURSE / PROGRAMME WISE DISTRIBUTION OF PASS % IN APR / MAY 2017

CAMPUS : AC COLLEGE OF TECHNOLOGY

DEPT : CENTRE FOR BIO-TECHNOLOGY

S.NO	BRANCH NAME	TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
3	B.Tech - PHARMACEUTICAL TECHNOLOGY - [F.T]	36	13.89	36.11	0	50
4	M.Tech - BIO PHARMACEUTICAL TECHNOLOGY - [F.T]	2	0	50	0	50

DEPT : CHEMICAL ENGINEERING

S.NO	BRANCH NAME	TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	B.Tech - CHEMICAL ENGINEERING - [F.T]	153	17.65	37.25	.65	55.56
2	B.Tech - PETROLEUM REFINING AND PETRO CHEMICALS - [F.T]	5	0	0	20	20
3	B.Tech - CHEMICAL ENGINEERING - [P.T]	47	0	4.26	2.13	6.38

DEPT : CERAMIC TECHNOLOGY

S.NO	BRANCH NAME	TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	B.Tech - CERAMIC TECHNOLOGY - [F.T]	67	5.97	29.85	0	35.82

DEPT : LEATHER TECHNOLOGY

S.NO	BRANCH NAME	TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	B.Tech - LEATHER TECHNOLOGY - [F.T]	87	2.3	34.48	1.15	37.93
2	M.Tech - LEATHER [F.T]	3	0	33.33	0	33.33

TECHNOLOGY -

DEPT : TEXTILE TECHNOLOGY

S.NO	BRANCH NAME		TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	B.Tech - TEXTILE TECHNOLOGY -	[F.T]	72	5.56	19.44	1.39	26.39
2	B.Tech - APPAREL TECHNOLOGY -	[F.T]	45	2.22	37.78	4.44	44.44

DEPT : APPLIED SCIENCE AND TECHNOLOGY

S.NO	BRANCH NAME		TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	B.Tech - PETROLEUM ENGINEERING AND TECHNOLOGY -	[F.T]	52	19.23	51.92	0	71.15

ANNA UNIVERSITY ,
CHENNAI - 25
OFFICE OF THE ADDITIONAL CONTROLLER OF EXMINATIONS
(UNIVERSITY DEPARTMENTS)
COURSE / PROGRAMME WISE DISTRIBUTION OF PASS % IN APR / MAY 2017

CAMPUS : MADRAS INSTITUTE OF TECHNOLOGY
DEPT : AEROSPACE ENGINEERING

S.NO	BRANCH NAME		TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	B.E - AERONAUTICAL ENGINEERING -	[F.T]	85	11.76	20	2.35	34.12
2	B.E - MECHANICAL ENGINEERING -	[P.T]	157	0	10.19	2.55	12.74
3	M.E - AERONAUTICAL ENGINEERING -	[P.T]	18	5.56	16.67	0	22.22

DEPT : AUTOMOBILE ENGINEERING

S.NO	BRANCH NAME		TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	B.E - AUTOMOBILE ENGINEERING -	[F.T]	75	16	40	1.33	57.33
2	B.E - AUTOMOBILE ENGINEERING -	[P.T]	162	0	3.7	0	3.7
3	M.E - AUTOMOBILE ENGINEERING -	[F.T]	3	0	66.67	0	66.67
4	M.E - AUTOMOBILE ENGINEERING -	[P.T]	25	16	52	4	72

DEPT : INSTRUMENTATION ENGINEERING

S.NO	BRANCH NAME		TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	B.E - ELECTRONICS AND INSTRUMENTATION ENGINEERING -	[F.T]	168	19.64	44.05	2.38	66.07
2	B.E - ELECTRONICS AND INSTRUMENTATION ENGINEERING -	[P.T]	169	.59	12.43	1.78	14.79
3	M.E - INSTRUMENTATION ENGINEERING -	[F.T]	2	0	0	50	50

DEPT : INFORMATION TECHNOLOGY

S.NO	BRANCH NAME		TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	B.Tech - INFORMATION TECHNOLOGY -	[F.T]	169	15.38	43.2	1.18	59.76
2	M.Tech - INFORMATION TECHNOLOGY -	[P.T]	22	4.55	50	4.55	59.09

DEPT : PRODUCTION TECHNOLOGY

S.NO	BRANCH NAME		TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	B.E - PRODUCTION ENGINEERING -	[F.T]	78	11.54	56.41	1.28	69.23

ANNA UNIVERSITY ,
CHENNAI - 25
OFFICE OF THE ADDITIONAL CONTROLLER OF EXMINATIONS
(UNIVERSITY DEPARTMENTS)
COURSE / PROGRAMME WISE DISTRIBUTION OF PASS % IN APR / MAY 2017

CAMPUS : MADRAS INSTITUTE OF TECHNOLOGY

DEPT : PRODUCTION TECHNOLOGY

S.NO	BRANCH NAME	TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
2	B.E - PRODUCTION ENGINEERING - [P.T]	144	0	10.42	.69	11.11
3	M.E - MANUFACTURING ENGINEERING - [P.T]	18	16.67	77.78	0	94.44
4	M.E - MANUFACTURING ENGINEERING (WITH SPECIALIZATION IN GREEN MANUFACTURING ENGINEERING) - [P.T]	14	50	42.86	0	92.86

DEPT : RUBBER AND PLASTICS TECHNOLOGY

S.NO	BRANCH NAME	TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	B.Tech - RUBBER & PLASTICS TECHNOLOGY - [F.T]	59	11.86	28.81	5.08	45.76

DEPT : ELECTRONICS ENGINEERING

S.NO	BRANCH NAME	TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	B.E - ELECTRONICS AND COMMUNICATION ENGINEERING - [F.T]	231	19.48	35.93	4.33	59.74
2	B.E - ELECTRONICS AND COMMUNICATION ENGINEERING - [P.T]	113	2.65	8.85	1.77	13.27

DEPT : COMPUTER TECHNOLOGY

S.NO	BRANCH NAME	TOTAL NO OF STUDENTS APPEARED	DISTINCTION %	I %	II %	PASS %
1	B.E - COMPUTER SCIENCE AND ENGINEERING - [F.T]	171	22.22	37.43	1.17	60.82

2	B.E - COMPUTER SCIENCE AND ENGINEERING - [P.T]	26	0	0	3.85	3.85
3	M.E - COMPUTER SCIENCE AND ENGINEERING - [F.T]	2	0	0	50	50
4	M.E - COMPUTER SCIENCE AND ENGINEERING - [P.T]	20	20	35	0	55

CAMPUS : SCHOOL OF ARCHITECTURE AND PLANNING

DEPT : ARCHITECTURE

S.NO	BRANCH NAME	TOTAL NO OF DISTINCTION STUDENTS APPEARED	%	I %	II %	PASS %
1	B.Arch - ARCHITECTURE - [F.T]	162	1.23	29.63	1.85	32.72
2	M.Arch - LANDSCAPE ARCHITECTURE - [F.T]	1	0	100	0	100

ANNA UNIVERSITY ,
CHENNAI - 25
OFFICE OF THE ADDITIONAL CONTROLLER
OF EXMINATIONS
(UNIVERSITY DEPARTMENTS
)

COURSE / PROGRAMME WISE DISTRIBUTION OF PASS %
IN APR / MAY 2017

ARMS **Page :8** **VERSION 8.3**

CAMPUS : SCHOOL OF ARCHITECTURE AND PLANNING

DEPT : ARCHITECTURE

S.NO	BRANCH NAME	TOTAL NO OF STUDENTS APPEARED	DISTINCTION	%	I %	II %	PASS %
3	M.Arch - M.ARCH - [F.T]	4	0	25	0		25
4	M.Arch - M.ARCH - [P.T]	1	0	10 0	0		100

DEPT : PLANNING

S.NO	BRANCH NAME	TOTAL NO OF STUDENTS APPEARED	DISTINCTION	%	I %	II %	PASS %
1	M.Plan - M.PLAN - [F.T]	1	0	0	100		100