

UNITED INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

G.KOUNDAMPALAYAM, PERIYANAICKENPALAYAM

COIMBATORE – 641020

TAMIL NADU

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Website: www.uit.ac.in



SELF STUDY REPORT

MARCH 2016

Submitted to



NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

(An Autonomous Institution of the University Grants Commission)

P.O. Box No. 1075, Nagarbhavi,

Bangalore – 560 072, Karnataka, India



Learn Research
Innovate

UNITED INSTITUTE OF TECHNOLOGY

(Approved by AICTE-New Delhi and Affiliated to Anna University Chennai)

(An ISO 9001:2008 Certified Institution)

G.Koundampalayam, Periyanaickenpalayam, Coimbatore - 641 020. Tamilnadu. India

Ph : 0422 - 2692020 Fax : 0422 - 2697070, www.uit.ac.in Mail : info@uit.ac.in

Date: 10.03.2016

To

The Director,
National Assessment and Accreditation Council,
Nagarbhavi,
Bangalore: 560072.

Dear Sir,

Subject: Request for Assessment and Accreditation by NAAC – Reg.

We are pleased to inform you that herewith I am submitting our institutional data as per the prescribed format given by NAAC guidelines to your good self.

The data consisting of SSR, compliance certificate and AISHE information etc., as you communicated from your official e-mail.

I request you to send further information to enable the institution to start the process of self evaluation.

Thanking you

With Regards,

Principal

Dr. P. Prakasam M.Tech., Ph.D.,

Principal

**United Institute of Technology
Coimbatore - 641 020.**



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PREFACE

We are much aware that the dimensions and Quality of Education keep on changing with time.

Our vision is to enable easy accessibility of Qualitative Education to the student community and ensure a place among the top Technical Institutions in the country as a distinct possibility.

Our Mission is to improve the learning experience of the students by imparting analytical and research oriented technical education. We strive to take continuous efforts for delivering consistent quality by implementing required procedures and processes which will ultimately result in inspiring endeavours towards achieving Dr.Abdul Kalam`s vision 2020.

The essence of higher Education is to understand that the true service lies in imparting quality Education, inculcating moral values and motivating young minds towards research for the future.

United Institute of Technology is an ISO 9001:2008 certified institution, affiliated to Anna University, Chennai, approved by AICTE-New Delhi. The college is located amidst lush green surroundings of 25 acres of green fields and coconut grooves. The college was established in the year 2009 by the UIT Educational Trust, administered by Alumni of GCT Coimbatore and NIT Trichy. “Learn Research and Innovate” is the motto of the college. UIT is a fast growing engineering college which offers five undergraduate programmes in engineering and technology namely, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Mechanical Engineering and Civil Engineering. To our credit, we have two post graduate programmes namely Computer Science and Engineering and Structural Engineering.

The main objective of UIT is to adopt Innovative methods to enhance students` knowledge, skills and character to make them competent engineers. We make honest attempts to provide quality education on par with National and International standards. The budding professionals are greatly motivated to excel in all walks of life. We inculcate the values of discipline, honesty and integrity among students. UIT provides practical training and encourages learning beyond books. The founders of UIT have trained more than 10000 engineering students and helped them in securing their dream jobs in multinational companies. We constantly strive to improve the standard and quality of our college and the teaching methodology.

UIT has prepared this self study report (SSR) as a first step towards obtaining a nod of approval from National Assessment and Accreditation Council, which lays great importance and significance on the further enhancement of quality in the academics and administration of the Institution.

PRINCIPAL

EXECUTIVE SUMMARY

Foreword

United Institute of Technology was established in the year 2009 with the noble aspiration of uplifting the moral and educational standards of the rural youth and to promote teaching and research in the field of Engineering. The college is the actualization of the long cherished dream of the alumni of GCT Coimbatore and NIT Trichy. This institute stands out as one of the best centers of learning in imparting quality education. The vision of our college is to be a world class institution by producing Engineering professionals with better technical knowledge, professional ethics and skills.

UIT is a fast growing engineering college which offers five undergraduate programmes in engineering and technology namely, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Mechanical Engineering and Civil Engineering. To our credit, we have two post graduate programmes namely Computer Science and Engineering and Structural Engineering.

At present, there are 1774 students and 158 faculty members. The college was approved by AICTE, New Delhi and affiliated to Anna University, Chennai.

The college strives to fulfill the existing and the future needs of the industry and society.

Recognition

Over the last 7 years, the college has gained a wide reputation by providing quality education and it has been consistently moving ahead to improvise learning and teaching methodology.

- Our students are provided the best training in placement and nearly 80% of the students are placed in reputable industries and MNCs
- Scholarships are awarded for the meritorious students and for the plus two students who score the highest marks in Model Online Entrance Exam for Engineering.
- Scholarships for tuition fees and hostel fees are awarded for the sport quota students.
- Center for Upskilling and Empowerment (CUE) has been started which provides a suitable platform to the aspiring students and staff to improve their communication skills, verbal ability, personality development, self motivation, group discussion skills, Team building and self confidence.

Infrastructure Facilities

The college has adequate infrastructure facilities comprising class rooms, laboratories, central library, faculty rooms, hostels, seminar hall, play grounds and other amenities.

The following amenities are available in the institution

- Wireless connectivity throughout the campus
- High performance computer labs equipped with Wi-Fi technology
- High speed internet with 14 Mbps
- Seminar hall for department events
- Separate ladies and boys hostel with exclusive playground
- Digital library to browse and download National and International resources
- College bus facilities from various locations in and around Coimbatore
- Value Added Programs right from the beginning of the academic year
- Practical and industry oriented training
- Well sophisticated language lab with 60 systems to improve communication skills
- The DVDs related to career and language development
- Active placement and training cell to mould the students for placements
- Faculty canteen
- Stationary stores

Faculty

Our college has 158 faculty members on its roll, of which 10 faculty members are with PhD, 37 faculty members pursuing PhD, 110 with MPhil / ME qualifications. All our Faculty Members are paid as per AICTE Norms. In addition to that, PhD incentives are also being paid to the faculty members with Doctoral Degrees.

Research and Development

The faculty members are encouraged to do their higher degrees. At present 37 of our faculty are pursuing their doctoral degrees. Further, our faculty members are motivated to publish papers in Journals and are also encouraged to participate and present papers in the seminars conferences and workshops conducted by various institutions.

SWOC analysis of the institution

Strength

- A fast developing college with the contemporary infrastructure facilities and modern amenities
- Fully qualified and Well experienced faculty
- Good placement record
- Well disciplined students
- Supportive and co-operative management
- Well equipped laboratories
- Co-curricular and extracurricular activities (Cultural Fest and Technical Fest) for developing the leadership qualities of the students.
- Mentorship practice adopted for the students
- Maintaining a cordial relationship between the staff and the students
- Better cooperation and coordination among staff and management
- Appreciation of the best performing students and faculty members with awards and rewards by the management
- Regular class committee meetings to assess the students' performance
- The commitment of faculty members in promoting the well being of students.
- Eco-friendly learning environment

Weakness

- The rural setting of the college negatively affects its growth when compared to colleges in cities
- Most of the students are first generation learners
- Majority of the students are from Tamil medium
- Admission with low cut-off marks in plus two

Opportunities

- The teachers with professional skill are capable of making the curriculum easily understandable to slow learners
- The alumni association could be used as a resource of leadership for the college in future

- College offers many innovative and best practices in teaching and learning. These programs can be used more effectively to enhance the critical thinking of the students and increase their interest in studies

Challenges

- Mushrooming of self-financing colleges with new courses is a big challenge to the existing college with restricted courses
- To secure 100% success rate
- To encourage the students to improve their communication skills
- To attract leading companies for campus placement
- To organize International seminar and conferences

PROFILE OF THE COLLEGE

1. Name and Address of the College:

Name	United Institute of Technology		
Address	G.Koundampalayam, Periyanaickenpalayam		
City	Coimbatore	Pin : 641020	State : Tamilnadu
Website	www.uit.ac.in		

2. For Communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr.P.Prakasam	0422-2692020 101 (ext.)	96886 55599	0422-267070	principal@uit.ac.in
Vice Principal	Prof .D.Edwin Joseph Raj	0422-2692020 801 (ext.)	99523 07857	0422-267070	edwin@uit.ac.in
Steering Committee Coordinator	Dr.G. Bansal Rajkumar	0422-2692020 700(ext.)	98945 99420	0422-267070	bansalgnanasundaram@uit.ac.in

3. Status of the Institution:

Affiliated College	✓
Constituent College	-
Any other (specify)	-

4. Type of Institution:

a. By Gender

i.	For Men	-
ii.	For Women	-
iii.	Co-education	✓

b. By Shift

1.	Regular	✓
2.	Day	-
3.	Evening	-

5. It is a recognized minority institution?

Yes	-
No	✓

If yes specify the minority status (Religious/linguistic/ any other) and provide documentary evidence.

-

6. Sources of funding:

Government	-
Grant-in-aid	-
Self-Financing	✓
Any other	-

7. a. Date of establishment of the college : 10.06.2009

b. University to which the college is affiliated /or which governs the college (If it is a constituent college)

Anna University Chennai

c. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks(If any)
i. 2 (f)		Under Progress
ii. 12 (B)	-	-

(Enclose the Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act)

d. Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.)

Under Section/ Clause	Recognition/Approval details Institution/Department Programme	Day, Month and Year (dd-mm- yyyy)	Validity	Remarks
i. Section 3 of AICTE Act No. 52 of 1987	F.No. Southern/1- 2811008857/2016/EOA	30-04-2016	2016-2017	-
ii. Section 29 Clause XVI of Anna University Act 1978	Lr.No.02/AFFLN/CAI//CBE/AU/2016- 17/7145	13-05-2016	2016-2017	-

(Enclose the recognition/approval letter)

8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes No -

If yes, has the College applied for availing the autonomous status?

Yes - No

9. Is the college recognized

a. by UGC as a College with Potential for Excellence (CPE)?

Yes - No

If yes, date of recognition: -

b. for its performance by any other governmental agency?

Yes No -

If yes, Name of the agency : ASSOCHAM

Date of recognition : 20.01.2015

10. Location of the campus and area in sq.mts:

Location *	Rural
Campus area in sq. mts.	41439.809 sq.m
Built up area in sq. mts.	20,530 sq.m

(* Urban, Semi-urban, **Rural**, Tribal, Hilly Area, Any others specify)

11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

- Auditorium/ seminar complex with infrastructural facilities

Auditorium	01
Seminar complex	03

- Sports facilities

Play ground	03
Swimming pool	Not Available
Gymnasium	01

- Hostel

* Boys' hostel

i.	Number of hostels	01
ii.	Number of inmates	400
iii.	Facilities (mention available facilities)	Internet facility, Newspaper (English & Tamil), Play court , TV, Ambulance , System with printer, Dining Hall, Modernized kitchen and Mess facilities

*** Girls' hostel**

i.	Number of hostels	01
ii.	Number of inmates	131
iii.	Facilities (mention available facilities)	Internet facility, Newspaper (English & Tamil), Play court , TV, Ambulance , System with printer, Dining Hall,

*** Working women's hostel : Not Available**

- **Residential facilities for teaching and non-teaching staff (give numbers available – cadre wise) : Not Available**
- **Cafeteria : Available**
- **Health centre : First aid, Inpatient, Outpatient, Emergency care facility**
(First aid, Inpatient, Outpatient, Emergency care facility, Ambulance.....)

Health centre staff –

Qualified Doctor

Full time

-

Part time

✓

Qualified Nurse

Full time

-

Part time

✓

- **Facilities like banking, post office, book shops**

Banking	Available
Post office	Courier facility is available
Book Shop	Available

- **Transport facilities to cater to the needs of students and staff**

16 buses are plying in different routes for the students and faculty members. The buses cover almost 60 km radius from the college.

- **Animal house : Not Available**
- **Biological waste disposal : Not Available**

- **Generator or other facility for management/regulation of electricity and voltage**

Generator	03	125 KVA
		62.5 KVA
		30 KVA

- **Solid waste management facility** : Available
- **Waste water management** : Available
- **Water harvesting** : Available

12. Details of programmes offered by the college (Give data for current academic year) 2015-16

SI. No.	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved Student strength	No. of students admitted
1	Under-Graduate	B.E (CIVIL)	4 yrs	HSC or Diploma	English	54	48
2		B.E (CSE)	4 yrs		English	108	77
3		B.E (EEE)	4 yrs		English	54	26
4		B.E (ECE)	4 yrs		English	108	58
5		B.E (MECH)	4 yrs		English	216	163
6	Post-Graduate	M.E (Computer Science and Engineering)	2 yrs	B.E /B.Tech	English	21	1
7		M.E (Structural Engineering)	2 yrs		English	16	7
8	Integrated Programmes PG	Not available					
9	Ph.D.						
10	M.Phil.						
11	Ph.D						
12	Certificate courses						
13	UG Diploma						
14	PG Diploma						
15	Any Other	-	-	-	-	-	-

13. Does the college offer self-financed Programmes?

Yes	✓	No	-
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If yes, how many?

07

14. New programmes introduced in the college during the last five years if any?

Yes	✓	No		Number	4
-----	---	----	--	--------	---

15. List the departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)

Faculty	Departments (eg. Physics, Botany, History etc.)	UG	PG	Research
Science	-	-	-	-
Arts	-	-	-	-
Commerce	-	-	-	-
Any Other (Specify)	Civil Engineering	✓	✓	-
	Computer Science and Engineering	✓	✓	-
	Electronics and Communication Engineering	✓	-	-
	Electrical and Electronics Engineering	✓	-	-
	Mechanical Engineering	✓	-	-

16. Number of Programmes offered under (Programme means a degree course like BA, BSc, MA, M.Com...)

a	annual system	-
b	semester system	All
c	trimester system	-

17. Number of Programmes with

1	Choice Based Credit System	-
2	Inter/Multidisciplinary Approach	-
3	Any other (specify and provide detail)	Semester based credit system

18. Does the college offer UG and/or PG programmes in Teacher Education?

Yes - No

19. Does the college offer UG or PG programme in Physical Education?

Yes - No

20. Number of teaching and non-teaching positions in the Institution

Positions	Teaching faculty						Non-teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor		*M	*F	*M	*F
	*M	*F	*M	*F	*M	*F				
Sanctioned by the UGC / University / State Government Recruited	Not Applicable									
Yet to recruit	Not Applicable									
Sanctioned by the Management/ society or other authorized bodies Recruited	7	-	5	8	74	64	25	8	16	4
Yet to recruit	-	-	-	-	-	-	-	-	-	-

*M-Male *F-Female

21. Qualifications of the teaching staff:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc..D.Litt.	-	-	-	-	-	-	-
Ph.D.	7	-	1	2	-	-	10
Persuing Ph.D.	-	-	3	5	18	11	37
M.Phil.	-	-	-	-	3	8	11
PG	-	-	1	1	52	45	99
Persuing PG	-	-	-	-	1	-	1
Temporary teachers							
Ph.D.	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-
PG	-	-	-	-	-	-	-
Part-time teachers							
Ph.D.	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-
PG	-	-	-	-	-	-	-

22. Number of Visiting Faculty / Guest Faculty engaged with the College. 02

23. Furnish the number of the students admitted to the college during the last four academic years.

Categories	Year 1 (2012)		Year 2 (2013)		Year 3 (2014)		Year 4 (2015)	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	25	3	26	09	25	6	53	21
ST	1	0	0	0	1	0	3	0
OBC	245	64	229	101	192	67	179	84
General	57	24	86	23	71	12	20	9
Others	32	18	29	13	34	07	7	2
Total	360	109	370	146	323	92	262	116

24. Details on students enrollment in the college during the current academic year:

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is	362	7	-	-	369
Students from other states of India	8	1	-	-	9
NRI students	-	-	-	-	-
Foreign students	-	-	-	-	-
Total	370	8	-	-	378

25. Dropout rate in UG and PG (average of the last two batches)

UG	7%	PG	11%
----	----	----	-----

26. Unit Cost of Education

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

(a) including the salary component	Rs. 69,188
(a) excluding the salary component	Rs. 42,747

27. Does the college offer any programme/s in distance education mode (DEP)?

Yes	-	No	✓
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28. Provide Teacher-student ratio for each of the programme/course offered

UG	1:15	PG	1:12
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29. Is the college applying for

Accreditation: Cycle 1 Cycle 2 Cycle 3 Cycle 4

Re-Assessment:

(Cycle 1 refers to first accreditation and Cycle 2, Cycle 3 and Cycle 4 refers to re- accreditation)

30. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and reassessment only)

Cycle 1:	(dd/mm/yyyy)	Accreditation Outcome/Result	N/A
Cycle 2:	(dd/mm/yyyy)	Accreditation Outcome/Result	
Cycle 3:	(dd/mm/yyyy)	Accreditation Outcome/Result	

* Kindly enclose copy of accreditation certificate(s) and peer team report(s) as an annexure.

31. Number of working days during the last academic year.

276

32. Number of teaching days during the last academic year

(Teaching days means days on which lectures were engaged excluding the examination days)

183

33. Date of establishment of Internal Quality Assurance Cell (IQAC)

IQAC - 11.06.2015

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.

AQAR (i) - (dd/mm/yyyy)

AQAR (ii) - (dd/mm/yyyy)

AQAR (iii) - (dd/mm/yyyy)

AQAR (iv) - (dd/mm/yyyy)

35. Any other relevant data (not covered above) the college would like to include. (Do not include explanatory/descriptive information)

CRITERION WISE EVALUATION REPORTS

CRITERION I: CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.

Vision

United Institute of Technology investigates its vision to enable easy accessibility of qualitative education to the student community and ensure a place among the top technical institutions in the country as a distinct possibility.

Mission

- Impart analytical and research oriented technical education
- Improve the learning experience for the students
- Implement required systems and processes for delivering consistent quality
- Inspire endeavors towards achieving Dr.Abdul Kalam`s Vision 2020

Quality Policy

- Commitment for the development of the students by providing consistent good quality technical education thereby transforming them into better employable, innovative and socially responsible Engineers.
- Focus on educational system for quality engineering education by including positive attitude, technical competence by adopting and complying with quality management systems.
- Continuous improvement of educational system by ensuring scientific approach of teaching and research.

The statements of vision, mission and quality policy are displayed at all visible places so that the students can easily observe them and learn about the vision and mission of the institution. Also these are printed in the college hand books and Note books which will be distributed to the students. During the first year orientation programme, the same has been conveyed to the new students. The vision, mission and quality policy are circulated to staffs through printouts. The same has been displayed in laboratories, website for the benefit of stakeholders.

1.1.2 How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

United Institute of Technology has followed a well structured plan for effective implementation of the curriculum prescribed by Anna University Chennai. The following plans are deployed for effective implementation of the curriculum.

HoDs Meetings

HoDs' meeting is conducted every week to ensure effective implementation of curriculum planning. Before starting every semester, HoDs' meeting is conducted in the presence of Principal where detailed discussion takes place about subject allocation, lab requirements etc. Based on the curriculum prescribed by the University, HoDs will present their requirements i.e subjects pertaining to their department. After discussion, the outline to allocate the subject for the faculty members is finalized and it will be approved.

Academic Calendar

Academic Calendar is prepared every academic year well in advance by the Heads of the departments. As per the Anna University guidelines, it consists of number of working days, internal test schedules and the tentative plans of seminars, workshops, co-curricular and extra-curricular activities.

Faculty Meeting

After HoDs' meeting, the individual departmentwise faculty meeting is conducted and the faculty member has the freedom to choose the subject for that semester and based on their option, it will be approved by HoD and principal

Lesson Plan

The individual faculty of each subject will prepare a detailed lesson plan which includes the units of the subject, proposed duration of completion of the unit, deviation if any and the reason for the same. It also contains the mode of delivery such as black board/ PPT teaching etc

Learning Management System (LMS)

The prepared lesson plan along with notes for each class will be uploaded in LMS along with question bank. The students will refer LMS before coming to the classes. After completing the particular session, the students have the privilege to post the question in LMS which could be addressed by the faculty. LMS will help the students for better understanding.

Question Bank system and Test Scheme

Question bank for all the subjects is prepared by considering the previous 5 years university questions. For each unit, minimum of 20 two mark questions and 6 sixteen mark questions is prepared and same will be issued to the students in the form of Book(Question bank). Slip test is conducted on alternate days to improve their writing practice. As per University norms, three internal assessment tests are conducted. During internal test morning session is allotted for coaching and exams will be conducted in the afternoon. This will help the students to improve their marks in IA as well as university examinations.

Special Coaching Classes

Special coaching classes are conducted for slow learners which will help them to secure good marks in the university examination. This also helps them to get in depth knowledge about the subjects.

Industrial Visits / Inplant Training

Minimum three local industrial visits are organized for all students to acquire practical knowledge of the subjects. Inplant training also will be provided at the end semester for hands-on-experience.

Internal Quality Assurance Cell (IQAC)

The internal Quality Assurance Cell (IQAC) is established in the college and used to maintain the quality of the outcome, system, reviews and other academic related activities. This helps all the departments to come under one roof in terms of academic standard.

1.1.3 What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?

The Institution extends all supports to the faculty members such as Wi-Fi connectivity, seminars, and workshops. Uniquely designed Faculty Development Programs and training programs are organized for the young faculty members to enrich their teaching and learning skills.

Seminars/Workshops

Seminar and workshops are arranged for UIT faculty members by inviting external experts in the specialized areas to share their knowledge. This will help the faculty members to face the classes with technical competency.

Guest Lectures

UIT invites subject experts from reputable institutions and organizations to deliver guest lectures. Resource personnel deliver current, realistic information and a perspective on the subject beyond the syllabi. This enriches a course through the inclusion of relevant and specialized knowledge on the particular field.

ICT Enabled Class Rooms

Well equipped Information and Communication Technology (ICT) class rooms with facilities like LCD projector, White Board, Wi-Fi facility and laptop to help the students to visualize and understand better, are available. This enhances the teaching learning process.

- Wi-Fi Connectivity
- UIT facilitates with a full secured 24 x 7 wi-fi connectivity in both College and Hostel for faculty members and students to enable them for global connectivity.
- E-Journals (Library)

UIT library has been equipped with DELNET (Developing Library Network) and IEEE E-Journals which provide online e-learning resources to facilitate both students and faculty members in acquiring advance knowledge in the fields of Science & Technology.

Digital Library

In addition to the prescribed text books, the central library of UIT also facilitates with digital library with dedicated server and node. The educational CDs available in the library are loaded in the server and this can be easily accessed through digital library. This will help the faculty members and students to easily access the video presentations of NPTEL, IIT and other famous institutions.

NPTEL/ Online Videos

The central library of UIT is also equipped with Provisions to avail online technical resources like <http://nptel.iitm.ac.in/>, Webinars, Khan Academy videos, which help both faculty members and students to update their knowledge about the recent developments in their area of interest and drive them to be prepared for the needs of present requirements of the industrial and corporate sectors.

AICTE sponsored STTP/ University sponsored FDP

AICTE sponsored Short Term Training Programme (STTP) and Anna University sponsored Faculty Development Programme (FDP) for specific subjects/fields are also organized by affiliated institutions and faculty members of UIT are encouraged to attend such programs to acquire skill sets.

1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other statutory agency.

UIT gives prime importance for recruiting skilled faculty members and also trains them to develop their effective teaching learning progress.

Team UIT

UIT has a very strong, dedicated, experienced and self motivated team of faculty members for effective curriculum delivery and transaction on the curriculum provided by the University.

Teaching Aids

The effective delivery of curriculum is achieved by adopting various methods such as using black board, ICT enabled teaching methods, digital library, NPTEL/online video facilities and the websites of IIT and other foreign universities which have been proved to be effective in teaching learning process.

Class Committee Meeting

After completing each Internal Assessment examination, class committee meeting is conducted with the faculty members who are handling the subjects for that class along with student representatives and class committee members. Outcome of the class committee meeting gives different perspective to move forward towards effective learning.

IQAC

The academic coordinators from various departments of IQAC monitor and assist the faculty members for effective curriculum delivery and transaction on the curriculum provided by Anna University. The IQAC invites suggestions and feedbacks from various stakeholders regarding the curriculum.

1.1.5 How does the institution network and interact with beneficiaries such as industry, research bodies and the university in effective operationalisation of the curriculum?

- The College has Career guidance and placement cell which maintains professional relations with the representatives of industries and organizations.
- The HR personnel from various companies are invited to the college campus through an event called “HR CONCLAVE” every year to interact with the students about recent requirements in the market.
- The institution has signed MOU with industries and associations such as ATMEL, United InfoTech, Sunshive electronics, Kasipalayam Common Effluent Treatment Plant (P) Ltd., BSNL and SALZER electronics limited.
- Each department also organizes various workshops, seminars, educational tours and funded faculty development programs from parent University to interact with beneficiaries through their association.
- Departments of Civil Engineering and Computer Science & Engineering are planning to establish their respective research centers in this academic year.
- The students of various departments of the institution are taken for industrial visits on adhoc basis to update students’ knowledge and help them understand the current scenario.
- Faculty members motivate the students to participate actively in various events conducted by Parent University and institutions.
- Faculty members encourage the students to carry out various industrial projects to experience the real time environment.

- Faculty members are self-propelled in interacting with various research bodies like DST, CSIR etc., to participate in various funded research projects.
- Faculty members are encouraged to participate in events organized by professional bodies such as ISTE, IE and IWS which help them to improve curriculum delivery.
- Faculty members regularly connect with affiliated university and get latest information regarding their respective subjects.
- Experts from the parent university and industry are also invited to the college in regular interval to give seminars and talks to the faculty members.

1.1.6 What are the contributions of the institution and/or its staff members to the development of the curriculum by the University?(number of staff members/departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.

We conduct frequent meetings with industry experts, alumni, academic peers along with stakeholders and record their feedback on curriculum and the same is forwarded to IQAC for analysis and the consolidated report may be sent to the University.

1.1.7 Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university)by it? If 'yes', give details on the process ('Needs Assessment', design, development and planning) and the courses for which the curriculum has been developed.

Since the institution is affiliated to the Anna University, it has to follow the curriculum developed and implemented by the University. The College strictly adheres to the policies of the university. The college tries to supplement the syllabus by arranging special classes for students or by inviting experts from academia and industry.

1.1.8 How does institution analyze/ensure that the stated objectives of curriculum are achieved in the course of implementation?

- Departmental meetings take place from time to time for the successful implementation of the curriculum.
- Assignments, slip tests and internal assessment tests are given in the class to analyze how the students are coping with the syllabus.
- The institution has established effective communication channels like Learning Management Systems (LMS) among all the stakeholders to ensure that the objectives of the curriculum are achieved in the course of its implementation.

The departments ensure systematic documentation through:

- Course Committee meeting,
- Lesson plan,

- Faculty Log Book
- Class Log Book

Heads of departments and the office of the Academic Affairs are entrusted with the responsibility to review the system performance and outcomes of the curriculum every fortnight.

- The evaluation system like IQAC with external experts and student feedback design will ensure that the objectives of the program are achieved.
- Our objectives are vindicated by indicators like good employment, smooth adoption of our students into industry.
- The institute conducts various examinations (Midterm, Viva-Voce, and Semester end exams) as per schedule to monitor the outcomes of the syllabus.
- The outcome ensures that the stated objectives of the curriculum are achieved during the course of implementation.
- College also enforces student counseling method where twenty students of each class are monitored by one faculty member who will communicate the information about their attendance, marks to their parents on a periodical basis.

1.2 Academic Flexibility

1.2.1 Specifying the goals and objectives give details of the certificate/diploma/ skill development courses etc., offered by the institution.

Since the institution is affiliated to the Anna University-Chennai, the academic flexibility is limited. So the institution is not offering any certificate/ diploma / skill development courses.

1.2.2 Does the institution offer programmes that facilitate twinning/dual degree? If 'yes', give details.

NO, such provision is not given by the Affiliating University

1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability. Issues may cover the following and beyond:

Range of Core / Elective options offered by the University and those opted by the college

Since the institution is affiliated to the Anna University-Chennai, the academic flexibility is limited. But as per curriculum, students have the flexibility to opt for elective subjects based on their interest. The details of elective courses are given department wise

U.G – PROGRAMME

Course	Batch	Semester	Elective Subject opted by the Students (Sub. Code / Sub. Name)
Civil Engineering	2010-2014 R 2008-CBE	VI	080100046 /Traffic Engineering And management
		VII	080100059/ Structural Dynamics 080100066 /Repair and rehabilitation of structure
		VIII	080100078 /Municipal solid waste management
	2011-2015 R 2008 - Chennai	VI	CE 2025 /Architecture
		VII	CE 2033/ Ground Improvement Techniques
			CE 2039 /Municipal solid waste management
		VIII	CE 2045/ prefabricated structures
	CE 2071/ Repair and rehabilitation of structure		
	2012-2016 R 2008 - Chennai	VI	CE 2021 /Hydrology
		VII	CE 2027 Housing Planning and Management
			CE 2039 /Municipal solid waste management
		VIII	CE 2045 /prefabricated structures CE 2046 /Wind Engineering
	CE 2071 /Repair and rehabilitation of structure		
2013-2017 R-2013	VI	CE6002 /concrete Technology CE 6005 /Construction Planning and scheduling	
Computer science and Engineering	2009– 2013 R 2008 CBE	VI	080230038 /Professional Ethics 080230029 /Numerical methods
		VII	80230056 /Data Warehousing and Data Mining 80230057 /Client Server Computing
		VIII	80230065 /C# . Net 80230069 /Cloud Computing
	2010– 2014 R 2008 CBE	VI	080230038 /Professional Ethics 080230029 /Numerical methods
		VII	080230051 /Grid Computing 080230057/ Client Server Computing
		VIII	080230068 /Information Security 080230063 /Software Quality Management
	2011– 2015 R 2008 Chennai	VI	IT 2353 /Web Technology MA2264 /Numerical Methods
		VII	CS2032/ Data Warehousing and Data Mining IT2352 /Cryptography and Network Security
		VIII	GE2025 /Professional Ethics in Engineering IT2403 /Software Project Management
	2012– 2016 R 2008 Chennai	VIII	GE2025 /Professional Ethics in Engineering IT2403 /Software Project Management
		VII	CS2032 /Data Warehousing and Data Mining CS2045 /Wireless Networks
		VI	IT2353 /Web Technology

			MA2264 /Numerical Methods
	2013– 2017 R2013 Chennai	VI	IT6702/ Data Warehousing and Data Mining CS6001/C# and .Net
Electronic and Communication Engineering	2009-2013 R 2008 CBE	VI	080290046/Medical Electronics
		VII	080290063/Computer Hardware and Interfacing 080290069/Professional Ethics and Human Values
		VIII	080290075/Wireless networks 080290077/Satellite Communication
	2010-2014 R 2008 CBE	VI	080290046/Medical Electronics
		VII	080290063/Computer Hardware and Interfacing 080290069/Professional Ethics and Human Values
		VIII	080290075/Wireless networks 080290077/Satellite Communication
	2011-2015 R2008 Chennai	VI	EC2021/Medical Electronics
		VII	GE2025/Professional Ethics in Engineering CS2060/High Speed Networks EC2029/Digital Image Processing
		VIII	EC2042/Embedded and Real Time Systems EC2044 /Telecommunication Switching and Networks
	2012-2016 R 2008 Chennai	VI	EC2021/Medical Electronics
		VII	GE2025/Professional Ethics in Engineering CS2060/High Speed Networks EC2029/Digital Image Processing
		VIII	EC2042/Embedded and Real Time Systems EC2054/Optical Networks EC2044 /Telecommunication Switching and Networks
2013-2017 R2013 Chennai	VI	EC6001/Medical Electronics EC6003/Robotics and Automation	
Electrical and Electronics Engineering	2009 –2013 R 2008 CBE	VII	080280064/Power Quality Engineering 080280066/Computer Networks
		VIII	080280083/Special Electrical Machines 080280085/Renewable Energy Sources
	2010–2014 R 2008 CBE	VII	080280064/Power Quality Engineering 080280067/Virtual Instrumentation
		VIII	080280085/Renewable Energy Sources 080280086/Medical Instrumentation
	2011– 2015 R 2008 Chennai	VI	GE2025/Professional Ethics in Engineering
		VII	EI2311/Biomedical Instrumentation

		VIII	EE2032/High Voltage Direct Current Transmission GE2023/Fundamental of NanoScience	
		2012– 2016 R 2008 Chennai	VI	GE2025/Professional Ethics in Engineering
			VII	EI2311/Biomedical Instrumentation
			VIII	EE2028/Power Quality EE2032/High Voltage Direct Current Transmission GE2023/Fundamental of NanoScience EE2036/Flexible AC Transmission System
	2013– 2017 R 2013 Chennai	VI	EE6002/Power System Transients EE6003/Optimization Techniques	
Mechanical Engineering	2009-2013 R 2008 CBE	VII	080120059/Unconventional Machining Process 080120052/Internal Combustion Engines	
		VIII	080120078/Rapid Prototyping ,Tooling and Re-Engineering 080120075/Maintenance Engineering 080120068/Alternative Energy Sources	
	2010-2014 R2008 CBE	VII	080120059/Unconventional Machining Process 080120062 /Facilities planning and Layout Design	
		VIII	080120075/Maintenance Engineering 080120078/Rapid Prototyping ,Tooling and Re-Engineering	
	2011-2015 R2008 Chennai	VI	ME2026/Unconventional Machining Process ME2023/Renewable Energy Sources	
		VII	ME2029/Design of Jigs and Fixtures, Press Tools ME2034/Nuclear Engineering	
		VIII	ME2037/Maintenance Engineering ME2041/Advanced I.C Engines	
	2012-2016 R 2008 Chennai	VI	ME2026 /Unconventional Machining Process	
		VII	ME2029/Design of Jigs and Fixtures, Press Tools ME2034/Nuclear Engineering ME2028/Robotics	

P.G – PROGRAMME

Department	Batch	Semester	Subject offered by department (Sub. Code / Sub. Name)
Structural Engineering	2012-2014 R 2009 Chennai	I	CN 9251 /Advanced concrete Technology ST 9257 /maintenance and rehabilitation of structures
		II	ST 9252 /design of bridge ST 9263/ pre-stressed concrete
		III	ST 9255 /Design of tall buildings ST9256/ Industrial Structures ST 9262 /Prefabricated Structures
	2013-2015	I	CN 7001 Advanced concrete Technology

	R2013 Chennai		ST 7002 /maintenance and rehabilitation of structures
		II	ST 7008 /pre-stressed concrete ST 7010 /design of sub structure
		III	ST 7018 /stability of structures ST 7014/ industrial structure ST 7016 /prefabricated structures
	2014-2016 R2013 Chennai	I	ST 7002/ maintenance and rehabilitation of structures CN 7001 /Advanced concrete Technology
		II	ST 7008/ pre-stressed concrete ST 7010/design of sub structure
		III	ST 7013 /Design of steel concrete composite structure ST 7014/ industrial structure ST 7016 /prefabricated structures
	2015-2017 R2013 Chennai	I	ST 7002 /maintenance and rehabilitation of structures CN 7001 Advanced concrete Technology

Computer Science and Engineering	2011– 2013 R 2009 Chennai	II	CS9264/ Data Warehousing and Data Mining
		III	CS9257 /XML & web services CS9262 /Software Quality Assurance CS9269 /Software Project Management
	2012–2014 R 2009 Chennai	II	CS9252 /Grid Computing CS9251/ Mobile Computing
		III	CS9264/ Data Warehousing and Data Mining CS9269/Software Project Management CS9259/ Network security
	2013– 2015 R 2013 Chennai	I	CP7004/ Image Processing and Analysis CP7007 /Software Requirement Engineering
		II	CP7012 /Computer Vision NE7202 /Networks and Information Security IF7202 /Cloud Computing
		III	NE7012 /Social Networks Analysis CP7026/ Software Quality Assurance CP7031/Computer Optimization Techniques
	2014– 2016 R 2013 Chennai	I	CP7004 /Image Processing and Analysis CP7007 /Software Requirement Engineering
		II	NE7202 /Networks and Information Security IF7202/ Cloud Computing
		III	CP7026/ Software Quality Assurance CP7022 /Software Design CP7029/ Information Storage Management
	2015– 2017 R 2013 Chennai	I	CP7004 /Image Processing and Analysis CP7007 /Software Requirement Engineering

Details on student enrichment programmes (Special Lectures / Workshop/ Seminar) with External Experts.

CIVIL ENGINEERING

Academic Year	special lectures/ workshops/ seminar	Title	Date	External experts
2012-2013	IPT	Various Concepts of Planning and Structural Design	02.05.2012 to 29.05.2012	Er. A. Sudhahar Dimensions Structural Consultancy Coimbatore
	IPT	Construction Work, Road Work & Bridge Work	01.05.2012 to 30.05.2012	Siva Vignesh Construction Kovilpatti
	Industrial Visit	Building Construction	16.08.2012 & 17.08.2012 & 18.08.2012	Manjeera Construction Ameerpet, Hyderabad & KMC Construction Ltd Gachibowli & Sri SaiRam Projects Ltd Srinagar Colony Hyderabad
	Industrial Visit	Manufacturing of Precast Materials	24.07.2012	TEEMAGE Precast Industry, Tirupur
	Industrial Visit	Pile Foundation	11.07.2012	Athipalaym Factory Site Coimbatore
	One Day Visit	NCRA – TIFR NASA Space Festival & Science Exhibition	13.07.2012	Dr. Mayilswamy Annadurai Bharathiyar University Coimbatore
	Industrial Visit	Cement Manufacturing	10.08.2012	Mrs. Sapna Devendra & Mr. Suchindra Reddy ACC Cements Pvt Ltd Bangalore
	Workshop	Intrafest	27.02.2013	Department of Civil Engineering UIT
	IPT	Structural Design	09.08.2013 to 5.09.2013	L& T, Chennai
	IPT	Structural Design	09.08.2013 to 09.09.2013	GAMMON INDIA Ltd
	IPT	Structural Design	09.08.2013 to 09.09.2013	Ramasamy Associate Coimbatore
IPT	Structural Design	09.08.2013 to	S.G. Structural Consultancy, Coimbatore	

2013-2014			09.09 2013	
	IPT	Structural Design	09.08.2013 to 09.09 2013	Bloom Construction Coimbatore
	IPT	Structural Design	10.08.2013 to 07.09 2013	Gandhi Constuction Coimbatore
	IPT	Structural Design	09.08.2013 to 09.09 2013	New Millenium Construction Kanyakumari
	IPT	Structural Design	09.08.2013 to 09.09 2013	Rajarathinam Associates Coimbatore
	IPT	Structural Design	09.08.2013 to 09.09 2013	Diseno Structural, Calicut
	Industrial Visit	Design of Steel Structures	08.02.2013	BUILDMAT 2013 Coimbatore
2014-2015	public awareness programme	“How to Build a Quality House”	12.10.2014	Mr.Ganavelmurugan, Assistant Manager, Ultratech Cements Ltd, Coimbatore
	Quiz Competition	Talent search Quiz Competition 2014	12.09.2014	Association with COCENA, Coimbatore
	Educational Internship	Structural Design	07.07.2014 to 04.08.2014	Falcon Sturctures Engineers Pvt Ltd, Chennai
	Educational Internship	Structural Design	07.07.2014 to 04.08.2014	AGULA Projects Pyt Ltd, Coimbatore
	IPT	Structural Design	07.07.2014 to 04.08.2014	Aarbin Engineers, Cochin
	IPT	Structural Design	07.07.2014 to 04.08.2014	Saraswathy Construction, Coimbatore
	IPT	Structural Design	07.07.2014 to 04.08.2014	SRR Projects Pvt Ltd Salem
	IPT	Structural Design	07.07.2014 to 04.08.2014	K.S. Construction Hosur
	IPT	Analysis and Design of RCC structures	07.07.2014 to 04.08.2014	CREOTECH Engineers Malapuram
	IPT	Structural Design	07.07.2014 to 04.08.2014	LANCOR Pvt Ltd Chennai
	IPT	Structural Design	07.07.2014 to 04.08.2014	P. S. K Engineering Constructions & Co Namakkal
	IPT	Structural Design	02.07.2014 to	K. K Builders Kavundampalayam

			02.08.2014	Coimbatore
	Industrial Visit	Pollution Control	13.09.2014 & 14.09.2014	Laboratory of Pollution Control Board Shimla Himachal Pradesh
	Industrial Visit	Complex Construction	11.09.2014	Vishwanathan Construction & Pvt Ltd R. S. Puram Coimbatore
	One Day Visit	Natural Biosphere	17.09.2014	Nilgiri Biosphere Nature Park Anakatti
	One Day Visit	Solid Waste Management	17.09.2014	Kurundampalayam Village
	One Day Visit	Bar Bending Schedule for Slab	08.08.2014	Vishwanathan Construction & Pvt Ltd R. S. Puram Coimbatore
	Industrial Visit	Hydrology and Irrigation Engineering	12.03.2015	Amaravathi Dam Udumalpet
	Industrial Visit	Hydrology and Irrigation Engineering	27.02.2015	Amaravathi Dam Udumalpet
	Industrial Visit	Sewage and Water Treatment	12.02.2015	Executive Engineer JNNURM Ukkadam & Siruvani Treatment Plant Coimbatore Coimbatore City Municipal Cooperation Coimbatore
	Industrial Visit	Hydrology and Irrigation Engineering	10.09.2014	Bhavanisagar Dam Coimbatore
	Industrial Visit	Building Construction	14.08.2014	Prestige Group of Construction Mysore
	Industrial Visit	Building Construction	13.08.2014	VIJAYET Construction Bangalore
2015 - 2016	Industrial Visit	Building Construction	30.07.2015 to 02.08.2015	E.V. Homes Constructions (P) Ltd, Kaloor, Kochi.
	Industrial Visit	Dam Construction	15.07.2015	Pillur Dam, TamilNadu Water Supply and Drainage Board Coimbatore
	Industrial Visit	Water Treatment Plant	20.07. 2015	Velliyangadu Water Treatment Plant Coimbatore
	Industrial Visit	Bridge Construction	17.07.2015	National Highway Department

				Coimbatore
	IPT	Sturctural Design	05.08.2015 – 02.09.2015	Provident Housing Ltd, Bangalore
	IPT	Sturctural Design	05.08.2015 – 02.09.2015	Provident Housing Ltd, Bangalore
	IPT	Sturctural Design	28.07.2015 – 24.08.2015	Shiva Parameshwari engineering construction & Co., Coimbatore
	IPT	Sturctural Design	28.07.2015 – 24.08.2015	Shiva Parameshwari engineering construction & Co., Coimbatore
	IPT	Sturctural Design	27.07.2015 – 28.08.2015	Sree Dhaksha Properties and Pvt., Ltd., Coimbatore
	IPT	Sturctural Design	06.08.2015 – 07.09.2015	Swaan Consultant and Constructions, Coimbatore
	IPT	Sturctural Design	21.06.2015 – 22.07.2015	Balu Bulders., Coimbatore
	Industrial Visit	Hydrology and Irrigation Engineering	19.03.2016	Pillur Dam
	Industrial Visit	Dam construction	15.02.2016	Aaliyar Dam
	Industrial Visit	Building construction	10.07.2016	R.K infra ,Banglore
	One Day Visit	Total Station	27.09.2015	CONMAT Student Chapter Coimbatore
	One Day Visit	Rainwater Harvesting EXPO	27.06.2015	VOC ground

COMPUTER SCIENCE AND ENGINEERING

Academic Year	Special lectures / workshops / seminar	Title	Date	External experts
2012 - 2013	Industrial Visit	Industrial Visit	24.8.2012	Chips Software Systems, Parishathu Building, M G Marg, Ernakulam, Kerala 682011
	Industrial Visit	Industrial Visit	8.8.2012	Centre for Development of Advanced Computing, 68, Electronics City, Bengaluru - 561229 Karnataka (India)
	Motivation	Leadership	22.01.2013	Director,

	Talk	quality		EZ Vidya,Coimbatore
2013 - 2014	Industrial Visit	Industrial Visit	6.08.2013	MPower Global IT Solutions, 2, Tavarekere, Bannerghatta Road, Next to Jal Bhawan, 1st Phase, 1st Stage, BTM Layout, Bengaluru, Karnataka 560029
	Internship	Internship	18.12.2013 to 28.12.2013	Superfect Solutions Pvt. Ltd, A.P.Complex, Judge Road, Near Annamalai Gounder Marriage Hall, Kannankurichi, Salem.
2014 - 2015	Industrial Visit	Industrial Visit	23.07.2014	HCL Technologies, A - 8 & 9, Sector 60, Noida, UP – 201301-India
	Industrial Visit	Industrial Visit	28.07.2014	JVS Electronics Pvt. Ltd Manchanayakanahalli, Bidadi hobli, Mysore highway ,Bangalore - Mysore Road, 121, Hampapura Road, Bengaluru, Karnataka 562109
	Industrial Visit	Industrial Visit	28.07.2014	Centre for Development of Advanced Computing, 68, Electronics City, Bengaluru - 561229 Karnataka (India)
	Industrial Visit	Industrial Visit	07.08.2014	Nilgris Biodiversity park,Nilgris.
	Industrial Visit	Industrial Visit	14.08.2014	Chips Software Solutions, Parishathu Building,M G Marg, Ernakulam, Kerala 682011
	Workshop	One day Hands on Training on Phone gap	20.09.2014	Mr.J.Prabakaran, System Engineer,Infosys Ltd, Chennai
	Project Contest	i-innovate	11.10.2014	Exterro, Coimbatore.
	Programing contest	Top Coders 2015	30.1.2015	1. Mr.Anand Purusothaman Founder & CEO Payoda Technologies (P)Ltd. 2. Ms.Karunya Sampath COO, Payoda Technologies (P) Ltd 3. Ms.Nivrutha Sampath HR , Payoda Technologies (P) Ltd 4. Ms.Nandhini HR, Payoda Technologies (P) Ltd
	Industrial	Industrial		Radio Astronomy Centre,Nilgris.

	Visit	Visit	7.02.2015	
	Industrial Visit	Industrial Visit	7.02.2015	Hindusthan Photo Films Mfg. Co., Ltd Nilgris.
	Industrial Visit	Industrial Visit	07.02.2015	Doddabetta Tea Factory & Meuseum Nilgris.
	Guest Lecture	Android App Development	27.2.2015	Ms.P.Nisitha,Asst. Professor, Department of Information Technology, Park College of Engineering & Technology,Coimbatore.
	Implant training	Implant training on Android App Development	25.05.2015 to 29.05.2015	uniq Technologies, 74, Opp Alvernia School,, Kongu Nagar, Coimbatore.
	Implant training	Implant training on Android App Development	11.06.2015 to 15.06.2015	uniq Technologies, 74, Opp Alvernia School,, Kongu Nagar, Coimbatore.
	Internship	Internship	11.06.2015 to 20.06.2015	uniq Technologies, 74, ,Opp Alvernia School,, Kongu Nagar, Coimbatore.
	Implant Training	Implant Training on .net	19.6.2015	GB Solutions, 481.2, Ellaithottam Road Ext, Peelamedu, Coimbatore.
	Industrial Visit	Industrial Visit	24.07.2015	MPower Global INC, 2, Tavarekere, Bannerghatta Road, Next to Jal Bhawan, 1st Phase, 1st Stage, BTM Layout, Bengaluru, Karnataka 560029
	Industrial Visit	Industrial Visit	31.07.2015	Chips Software Systems, Parishathu Building,M G Marg, Ernakulam, Kerala 682011
2015-2016	Industrial Visit	Industrial Visit	11.08.2015	Isha Yoga Temple
	Industrial Visit	Industrial Visit	19.08.2015	Nilgris Biodiversity park,Nilgris.
	Industrial Visit	Industrial Visit	03.09.2015	Sims Park,Coonoor
	Industrial Visit	Industrial Visit	02.02.2016	Kodaikanal
	Industrial Visit	Industrial Visit	16.02.2016	Sims Park,Coonoor
	Industrial Visit	Industrial Visit	09.03.2016	Nilgris Dairy Farm,The Nilgris
	Student Enrichment Program	Engineers Day	15-05-2016	Debate in Recent topics

ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year	Special Lectures / Workshops / Seminar	Title	Date	External Experts
2012-13	Hands on Training	Labview Beginners Approach	15.02.2012-17.02.2012	Resource person from National Instrument Bangalore
	Inplant Training	Fundamentals of Telecommunication	11.06.2012-15.06.2012	Experts from BSNL, Coimbatore.
	Hands on Training	Embedded System Application using ARM	16.06.2012	Experts from NIT Trichy.
	Inplant Training	Wires & Cables and Energy Management	18.06.2012-22.06.2012	Experts from Salzer Pvt,Ltd, Coimbatore.
	Hands on Training	Digital IC Design using Cadence Tools	25.06.2012	Experts from Industry
	Inplant Training	Android	28.05.2012-04.06.2012	Experts from HCL Pvt, Ltd,Chennai.
	Inplant Training	Analog instruments	18.06.2012-22.06.2012	Experts from Universal Engineers, Coimbatore.
2013-14	Workshop	PCB Design	22.01.2014	Experts from Industry
	Hands-on Training	Embedded Systems in Real-Time Applications using Arduino Raspberry Pi	26.01.2014	Experts from Robert Bosch Pvt,Ltd. Coimbatore.
	Special Lecture	Personality Development Program	10.2.2014	Experts from AIT, Coimbatore.
	Hands-on Training	Matlab Workshop for Engineering Applications	12.02.2014	Experts from GCT, Coimbatore.
	Industrial Visit	Medical Electronics	04.02.2014	Dr.Bhakhavathsalam KG Hospital, Coimbatore.
	Special Lecture	Conclave On Internet of Things (IoT)	3.3.2014	Experts from Netcon, Coimbatore.
	Internship	Pricol Pvt,Ltd Coimbatore.	7.03.2014-13.3.2014	Pricol Industries Pvt,Ltd, Coimbatore.
	Inplant Training	Roots Industries Pvt, Ltd Coimbatore	23.12.2013-26.12.2013	Experts from Roots Industries Pvt,Ltd, Coimbatore.

2014-15	Workshop	Internet Protocol IPv6	20.09.2014	Experts from industry
	Industrial Visit	Biosphere Nature Park	28.08.2014	Forest in Poondi
	Hands on Training	Industry Ready engineering	15.12.2014-17.12.2014	Experts from Sunshiv Electronics Solutions, Coimbatore.
	Industrial Visit	JVS Electronics	26.07.2014	Experts from JVS Electronics, Bangalore.
	Hands on Training	Recent Trends in VLSI	13.08.2014	Thamarai kannan, Virtual Technologies, Coimbatore.
	Special Lecture	Autonomous Vehicle	18.08.2014	P.Balaji, Robert Bosch,Pvt,Ltd, Coimbatore.
	Inplant Training	Horn systems	21.08.2014	Roots industries,Pvt,Ltd, Coimbatore.
2015 -16	Inplant Training	Telecommunication	01.02.2016 to 05.02.2016	BSNL
	Inplant Training	Automation	15.12.2015 to 17.12.2015	SALZER Electronics Ltd.,
	Industrial Visit	Antennas	16.03.2016	Radio Astronomy Centre, Ooty.

ELECTRICAL AND ELECTRONIC ENGINEERING

Year	Special Lectures/ Workshops/ Seminar/Association Activity	Title	Date	External Experts
2012 - 2013	Industrial Visit	Techno craft Industries, Bangalore.	10.08.2012	External Expert from Techno craft
	Industrial Visit	Shanbag Enterprises, A.C Capacitor & Ignitors for mh Lamps, Bangalore.	10.08.2012	External Expert from Shanbag Enterprises
	Industrial Visit	Kerala Electrical Engineering Co.Ltd, Mamala,Kochi	10.08.2012	External Expert from Kerala Electrical Engineering Co.Ltd,
	Industrial Visit	Automatic Electrical Ltd., Delhi.	24.08.2012	External Expert from Automatic

				Electrical Ltd.
	Industrial Visit	Tamilnadu Paper Limited, Karur.	18.08.2012	External Expert from Tamilnadu Paper Limited
	Industrial Visit	Nomax Electrical Steel Ltd.	24.08.2012	External Expert from Nomax Electrical Steel Ltd
	Industrial Visit	Radio Astronomy Centre, Ooty.	19.09.2014	External Expert from Radio Astronomy Centre
2013 - 2014	Industrial Visit	11 KV Substation, Kochi.	14.08.2013	External Expert from 11 KV Substation Kochi
	Industrial Visit	Rajesh.T.P, Manager, HR&Admin, Anna Aluminium Limited, Cochin.	23.08.2013	Rajesh.T.P
	Industrial Visit	Sunshiv Electronic Solution, Kovil Medu, CBE.	12.09.2013	Mr.S.Sundaramoorthy
	Hands-on training	Hands-on training of Embedded System – PIC	08.01.2014 09.01.2014 20.01.2014 10.03.2014 11.03.2014	Mr.S.Sundaramoorthy
	Technical Event	Intra –Department Fest	17.02.2012 18.02.2012	External expert from AU – CBE
	Industrial Visit	TANGDECO, Othakalmandapam Substation, Coimbatore.	20.02.2014	External Expert from TANGDECO
	Industrial Visit	TANGDECO, Othakalmandapam Substation, Coimbatore.	28.02.2014	External Expert from TANGDECO
2014 - 2015	Implant Training	Thermal Power Plant	16.06.2014 to 20.06.2014	External Expert from Thermal Power Plant
	Implant Training	Sri Kannapiran Mills Limited, Mettupalayam.	16.06.2014 to 20.06.2014	External Expert from Sri kannapiran Mills Limited
	Industrial Visit	Coca-cola Company, Bangalore.	13.08.2014	External Expert from Coca-cola Company

	Implant Training	TRANSCO	15.12.2014 to 19.12.2014	External Expert from Implant Training
	Implant Training	TANGDECO	19.12.014 to 22.12.2014	External Expert from TANGDECO
	Implant Training	Southern Railways	15.12.2014 to 19.12.2014	External Expert from Southern Railways
2015 - 2016	Implant Training	TNPL, Karur	10.06.2015 to 16.06.2015	External Expert from TNPL
	Industrial Visit	Radio Astronomy Center, Ooty	19.02.2016	External Expert from Radio Astronomy Center

MECHANICAL ENGINEERING

Academic year	Special Lectures/ Workshops/ Seminar/ Association Activity	Title	Date	Experts / Company
2012-13	Faculty Development Programme	To Be A Better Faculty	04.06.2012 To 06.06.2012	Dr.Sheela Ramachan Dr.P.V.Mohanram P.Ponmeenakashi V.K.Boominathan Dr.S.Narayanan Dr.K.Ramasamy
	Guest Lecture	Oil and Gas Refineries equipment inspection	07.07.2012	V.Amirtharajan
	Inauguration	Association of Mechanical Engineering	18.07.2012	M.Kandhaswamy
	Guest Lecture	Product Promotion	20.07.2012	Mr. Pradeep
	Industrial Visit for II year	Aero Space Engine components and various Mechanisms	26.07.2012 To 28.07.2012	Bangalore
	Guest Lecture	AME Logo launching function	14.08.2012	T.K. Karuppanaswamy
	Industrial Visit for III year	Manufacturing Unit	21.08.2012 To 26.08.2012	Keltron,Cochin & Coorg
	Symposium	Mechanical	21.09.2012	M.Rajavel

		Carnival		
2013-14	Industrial Visit for III year	The Manufacturing Unit	20.08.2013 To 25.08.2013	Keltron,Cochin & Coorg
	Workshop	Mechanical Friendly Machinaries & Softskills	31.08.2013	AME
	Inauguration	Association of Mechanical Engineering	05.09.2013	Mr.S.K.Ramanan
	Symposium	Mechanical Carnival V2.0	28.02.2014	B.Seenivasan
	Workshop	National Level Robotics	20.02.2014 to 21.02.2014	A.Subash babu
	Guest lecture	Computational Fluid Dynamics	10.03.2014	Dr. Gnanasekaran
2014-15	Faculty Devolopment Programme	Enjoy Teaching & Enjoy Research	30.05.2014	Dr. Gnanasekaran
	Faculty Devolopment Programme	Dynamics of Machinery	16.06.2014 to 22.06.2014	Dr.S.Venkat prasat Dr.V.Prabhu raja Dr.P.Sathyabalan Dr.J.JayaPrakash Dr.S.Balamurgan Mr.E.MohanKumar
	Faculty Devolopment Programme	Training of Pedegogy	18.06.2014	Dr.G.B.Jaiprakash
	Industrial Visit for IV year	Assembly Division	09.08.2014 To 18.08.2014	JCB India Limited, New Delhi.
	Industrial Visit for III year	Exhibition	13.08.2014 To 16.08.2014	ISRO, Trivandrum.
	Industrial Visit for II year	The whole plant	14.08.2014 Tto 16.08.2014	C-DAC, Bangaluru.
	Guest Lecture	Recent Trends In Mechanical Engineering	08.09.2014	Dr.K.S.Amirthagadeswaran
	Paper Presentation Contest	Application of Mathematics In Engineering	11.02.2015	Mr.R.Vidyakumar
	Workshop	Aerodynamic Design &Collision Testing Of Vehicle/ Aircraft Using Explict Dynamic &CFD	21.02.2015	Mr.S.Balraj
	Symposium	Mechanical	06.03.2015	V.Natrajaperumal

2015-16		Carnival V2.0		
	Industrial Visit for IV year	BRG Iron and Steel Industries	28.07.2015 To 6.8.2015	BRG-Kolkatta
	Industrial Visit for III year	ONGC and Ship Yard	29.07.2015 To 01.08.2015	ONGC,Manglore
	Industrial Visit for II year	TVS	28.07.2015 To 06.08.2015	TVS-Hosur Bangalore
	Guest Lecture	Quality function deployment	12.09.2015	S.Rajesh
	Inauguration	Association of Mechanical Engineering	16.09.2015	Mr.Chakravarthy kolli
	Seminar	Industrial Automation	13.02.2016	Mr.M.Sundar
	Workshop	Robotics and Automation Industrues	16.03.2016	Mr.M.Sundar
	Seminar	Smart Manufacturing Process	01.04.2016	D.Balaguru
	Symposium	Carnival V.4.0	07.04.2016	Sendtil Parthasarathy

SCIENCE AND HUMANITIES

Academic Year	Special lectures. Workshops.Seminar	Title/Author	Date	External Experts
2012-2013	Guest lecture	Environmental Awareness programme	16.08.2012	Dr.P.N.Magudeshwaran, Prof &Head Department of Science & Humanities, Hindustan College of Engineering & Technology
2013-2014	Lecture	Business Communication	01.08.2013	Dr.P.Anbalagan, Assistant Professor, Government College of technology.
		Nanotechnology	16.12.2013	Dr.S.Abraham john, Director, Centre for nano research, Gandhigram Rural, Deemed University, Gandhigram
	Special Lecture	Polimer chemistry and	31.01.2014	Dr.S.S.Ilango Professor in Chemistry

2014-2015		its applications		Info Institute of Technology
		Personality Development Program At biosphere	13.03.2014 & 14.03.2014	Mr. V. Gopalakrishnan The Nilgiri Biosphere Nature Park (NBNP) Anaikatti, Coimbatore.
		Research Skills for LIS Professional	21.03.2014	Dr.A.Sokkalingam, Librarian,Sri Ramakrishna Vidyalaya Polytechnic College, Coimbatore.
		Recent Innovations of Sports Sciences and its applications	22.03.2014	Dr.E.Amuthan, Assistant Professor in Sri Rama Krishna Mission Vidyalaya, Maruthi College of Physical Education.
	Seminar	Role of grammar in communicative language teaching	22.03.2014	Dr.K.Devadoss, Professor, Kumaraguru College of Technology, Coimbatore
Workshop	Lab view	21.08.2014	Dr.P.Kathirvel Assistant Professor, Amrita Vishwadeepam University, Coimbatore.	
Special Lecture	Motivational talk for first year students about pathways for better placement	25.10.2014	Mr.Mayank Gupta, HR, Dell site lead Coimbatore.	
2015-2016	Workshop	Applications of calculus	05.01.2015	Dr.Dhanapal, Professor of Mathematics, Government college of Technology, Coimbatore
	Lecture	Observance of vigilance awareness week	02.11.2015 to 04.11.2015	Mr.N Shanker Subu Mechanical Engineer, Coordinator of Heartfulness programme,Coimbatore
		Photonics & Nano materials	24.10.2015	Dr.S.Mohan Vice- Chancellor Priest University, Thanjavur.

1.2.4 Does the institution offer self-financed programmes? If 'yes', list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.

Yes this institution offers self financed programmes affiliated to the Anna University Chennai. It offers the following programmes as approved by Anna University.

UG PROGRAMMES

S.No	Name of Course	Year of Establishment
1	Civil Engineering	2010
2	Computer science and Engineering	2009
3	Electrical and Communication Engineering	2009
4	Electrical and Electronic Engineering	2009
5	Mechanical Engineering	2009

PG PROGRAMMES

S.No	Name of Course	Year of Establishment
1	Structural Engineering	2012
2	Computer science Engineering	2011

1.2.5 Does the college provide additional skill oriented programmes, relevant to regional and global employment markets? If 'yes' provide details of such programme and the beneficiaries.

Department Name	Value Added Courses
Civil Engineering	Auto CAD, STAAD Pro, ArchiCAD, Primavera.
Computer Science and Engineering	Hidden Things in Pointers, Advanced Java Programming, Android Programming, HTML 5, CSS3, C, C++ and Java
Electronics and Communication Engineering	Advanced C & C++ language, Java, PCB Design and Embedded system.
Electrical and Electronics Engineering	Java Programming, Embedded System, PCB Design
Mechanical Engineering	Auto CAD, Pro-E, CATIA, Unigraphics
Science and Humanities	Communication and personality, BEC – Business English Certificate.

1.2.6 Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses.combination of their choice" If 'yes', how does the institution take advantage of such provision for the benefit of students?

NO, such provision is not given by the Affiliating University

1.3 Curriculum Enrichment

1.3.1 Describe the efforts made by the institution to supplement the University's Curriculum to ensure that the academic programmes and Institution's goals and objectives are integrated?

The Institution follows Anna University curriculum and syllabi. The faculty members supplement the university curriculum with materials that are in trend to keep students be aware of the recent advancements in the subjects. If new developments and related materials are found, every effort is made to reach the students through the following means.

Learning Management Systems (LMS)

- In this system, the course materials which are going to be taught in the classrooms will be uploaded by faculty members before the commencement of each semester.
- The student can login with their individual User ID and know about the details of the lecturing session which is going to happen the next day.
- After the lecturing session, the student can attend the quiz related to the topics taught and also download the course materials uploaded by the faculty for the every lecturing session.

ICT Enabled Classrooms

Information and Communication Technology (ICT) enabled classrooms in the Institution are equipped with facilities like LCD projectors, Over Head Projectors computers etc., to enable the students to visualize the concepts being taught. This enhances the learning experience of the students and helps them to understand the concepts in a better way.

Wi-Fi

Institution has 24X7 operationally secured Wi-Fi facility which plays a vital role in our campus experience by both faculty and students and they always connect with the global network and upgrade their knowledge.

Library incorporated with Digital facility

- Text books and Reference books, recently published books on the subjects offered are also available in the Central Library. An exclusive digital library, with a good number of CDs on various technical topics and Internet facility is available all the members of the Institution. Digital Library provides a platform for the faculty members to improve their delivery and the students to get an insight of theory and concepts.

- E-Journals are subscribed annually to facilitate Technology enabled learning and research.

NPTEL Online Videos

Provisions are available at the Institution to the faculty and students to avail online technical resources like NPTEL, Khan Academy Videos, which help students and faculty member to update recent developments existing in Engineering and Technology.

Well Established Laboratory

All the laboratories in various departments are well equipped and periodically updated to enable the students to gain proper practical knowledge on the theory they learn, in-line with Anna University curriculum.

Industrial visit

Industrial visits provide an excellent opportunity for the students to interact with industries and know more about current industrial scenario. Industrial visits are arranged by the college with the objective of providing students functional opportunity and practical application of the theory that they learn in different areas like IT, Manufacturing and services. Industrial visit helps to combine theoretical knowledge with industrial knowledge. Industrial realities are opened to the students through industrial visits.

Guest lecture

Eminent Resource persons from renowned industries and institutions are invited to the Institution to deliver guest lecturers in the field of their expertise to students, which will ensure the realization of our objectives on institutional academics and students' employability.

Im-plant training

To understand the practical applications of the subjects, students are encouraged to undergo In-plant training in the industries and organizations during the semester holidays in their relevant area of study.

Hands on training

Various hands-on-trainings for contemporary innovations are provided for the students of UIT to get real-world experience, creating a sense of empowerment. Hands-on training provides

real-life applications that make it easier to understand what is being taught because the people undergoing the training can see it firsthand rather than just hear about it in a lecture.

Seminar, workshop

All departments of UIT encourage their faculty members to attend and organize seminars, workshops and faculty development program to throw more light in their fields.

Soft skill development

The Institution supplements the University Curriculum by conducting special courses on technical skills, group discussions, communication skills and logical reasoning to develop the overall performance of the students.

1.3.2 What are the efforts made by the institution to enrich and organize the curriculum to enhance the experiences of the students so as to cope with the needs of the dynamic employment market?

In the existing University system, modification of the designed curriculum is not permissible at the institutional level. However, the faculty enriches it with their own expertise and experience so that the students also gain employable qualities that enable them to get jobs in this highly competitive world. Since the task of framing the curriculum is done by Anna University, this institution works to enrich and organize the curriculum by supplementing it with value added courses so that the students are benefited in the best possible manner. The institution has taken measures to cater to the global market needs based on the assessment of strengths and services offered in the campus.

In the beginning of every academic year, we conduct “HR conclave” for the final year students, in which various HRs from various industries and organizations highlight the needs of the dynamic employment market, and give suggestions on how to tackle them. They provide valuable guidance to improve their skills based on present employment market.

The Placement and Training Cell of the college regularly interacts with the HR managers of reputable companies and collects first hand information about the demands and expectations of the corporate sector regarding the skill sets of students. The demands of the companies are then communicated to the stakeholders, which in turn result in the formation of add-on-courses and extra classes which are then conducted to make up for the deficiencies in the students to become employable.

The Entrepreneurship Development Cell (EDC) was started with the objective of promoting specialized knowledge in the field of entrepreneurship development. In view of the worldwide shortage of jobs (both government and private sectors) leading to unemployment problems and lack of proper utilization of human resources, the cell strives to identify talented youth for entrepreneurial works. The cell plans to organize various programs regarding entrepreneurship development.

Recognizing the importance of Technology Incubation, a center called Technology Incubation center was formed and it provides policy measures, infrastructure support, entrepreneurial training, IPR facilitation, and creates a framework to nurture technology incubation. The incubation center provides a host of services to new enterprises and facilitates linkages that are congenial for their survival and growth. The involvement of the faculty of the institute in the start-up activity reinforces teaching and research, strengthens linkages between education and industry, and also better aligns education to meet market requirements. It is proposed to support such initiatives by providing financial and policy support for strengthening technology incubation activity. This would nurture technology innovation and, in the long run, enable local development of Electronics and IT products and packages.

Every year a bridging course is conducted in our institution for the preparation of university course with an academic curriculum that is offered to students as a means of preparing for the intellectual challenges of a university education.

ATMEL Corporation MCU Centre is functioning in our institution; students make use of it for connecting with the industry. ATMEL, is a worldwide leader in the design and manufacture of microcontrollers, capacitive touch solutions, advanced logic, mixed-signal, nonvolatile memory and radio frequency (RF) components. Leveraging one of the industry's broadest intellectual property (IP) technology portfolios, Atmel is able to provide the electronics industry with intelligent and connected solutions focused on the industrial, consumer, communications, computing and automotive markets.

- Orientation and refresher courses are arranged for the faculty members by the MNCs so as to train the students according to the requirements of the industry.
- Orientation courses are arranged for the students on each subject by faculty member every semester to give a brief introduction about the subject.
- The curriculum itself includes the professional courses like Total Quality Management, Principles of Management, Environmental Science and Professional Ethics to transform

the student into a better professional. The communication and presentation skills of students are improved through the language lab.

- The members of faculty are effectively using the available ICT facilities to cater to the needs of the present day students.

1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?

The cross cutting issues like Gender, Climate change, Environment education, Human Rights, ICT etc, find an ample space when it comes to applying them positively into the curriculum. The college, at its own level and with the assistance from University makes arrangements for workshops and conferences at the National Level wherein the experts from the above mentioned fields are invited to share and deliver their experiences and knowledge. The college regularly organizes Workshops.Seminars on Women Empowerment. The management supports the cause of the women education thereby instituting the Best Outgoing Girl Students award every year as a token of appreciation of their excellence in education. The subject of Environmental Engineering' is a part of the curriculum. It is compulsory for all the students, irrespective of any stream, to study the subject of Environment Science.

Gender Issues and its solutions

- All students of the Institution are treated equally by faculty members and staff irrespective of their gender and social status. Students hailing from different walks of life are given same treatment across the college. Counseling is offered to the needy to maintain harmony among the students.
- Women Empowerment Cell organizes awareness programs to girl students and also channelizes their energy on leadership initiatives.
- Women Empowerment Cell organized awareness program called Self defense for the lady faculty members.
- Sexual harassment awareness program was conducted for the lady faculty members and girl students by women empowerment cell.
- Yoga and meditation programs are conducted for the lady faculty members and girl students by women empowerment cell.
- Women counselor is available in campus.
- Women's hostel on the campus.
- Girls' retiring room on the campus.
- Health care facilities have been provided for ladies and gents separately.

- Ladies sports team trained by lady physical Director.
- Equal representation to women in all student associations.clubs.
- Ladies representation in almost all the organizing committees.

Climate and Environment Issues

Our Motto is “Clean India”. To fulfill the above said motto Institution takes following measures related to environment.

- Green club is created and has taken up projects like Sapling planting and gardening.
- Pure and Fresh Air.
- Healthy Drinking water.
- Rain water harvesting.
- Solar Water heating.
- Plastic free campus.
- Tobacco free campus.
- Solar Power Plant.
- In addition to teaching a course on ‘Environmental Science and Engineering’, designed by Anna University, Chennai the students are educated about the society and environment awareness.
- The concept of “Green Computing” is adopted by powering down the CPU and devices during extended periods of inactivity, using LCD monitors rather than CRT monitors and other power management features to turn off systems, printers and air conditioners when they are not used.

Human Rights & Social Awareness Program

- Anti-ragging committee.
- Women Empowerment Cell.
- Blood Donation camp, eye check up camps etc., by NSS, YRC and Rotaract Club
- Student Social Responsibility (SSR) Club activities.
- Helmet awareness program for Safety campaign conducted by the SSR Club.
- Department of Civil collaborated with Ultra Tech Cements and conducted a social program for the public regarding Quality Building - ‘How to build a building with high Quality’.
- Department of CSE conducted social awareness programs called “Cyber Crime and its solutions” for the public.

- Department of EEE conducted social awareness programs called “Minsara Padhukappu” on Safe handling of Electrical equipments for the public.
- And various Social activities like Road cleaning process, Temple crowd control, accident awareness programs and Health awareness programs conducted by NSS.
- Rotaract Club of UIT conducted Competitions for the Orphanage students of various Ashrams and interior Village students to enlighten their skills.
- Students of UIT and Forest department conducted awareness program for avoiding usage of Polythene materials in the forest areas.

ICT Application for curriculum enrichment

- Well equipped Digital Library.
- E-Learning resources.
- NPTEL Video lectures.
- Open Source courseware – Spoken Tutorial Videos.
- Wi-Fi enabled campus and more than 60% using Wi-fi facility.
- Dedicated Internet.
- Use of Moodle Platform for LMS.
- Use of E-Box.
- Smart Class Rooms with Wi-Fi facility.

1.3.4 What are the various value-added courses.enrichment programmes offered to ensure holistic development of students?

- Moral and ethical values
- Employable and life skills
- Better career options
- Community orientation

UIT has taken several steps to facilitate full flowering of every student on its rolls. A list of such initiatives is given below.

Inculcation of moral and Ethical Values

- Learn Research and Innovate – our Motto is printed almost in all printing materials like Note books, brochures, Logo and invitations and disseminates the information to all.
- Students study Professional Ethics as a subject.
- Annual day events for students.
- Blood donation, Security Campaigns, Health awareness (DENGUE and POLIO) camps.

- Empowering the students in Open Source Software by providing suitable training.
- Eco friendly environment with plastic free campus.
- Celebrations of Pongal, Vinayagar Chadhurthi, Onam, Christmas, New Year, Ramzan to emphasize our cultural heritage.
- Staff club to organize various events for faculty.
- Alumni Association scholarships for the poor and needy students.
- Best award to the deserving faculty for their academic excellence.
- Value based messages.hoardings in prominent places on the campus.
- Organizing video presentation events for the students on environmental issues.
- Periodically conducting Guest lectures on ethical and moral values.

Life Skills Development compatible to Employability

- Value - Added Courses for Technical and soft skills to enhance the employment opportunities.
- Recognizing the importance of life skills, UIT organizes annual cultural, co-curricular and sports activities towards development of life skills.
- Personality development classes through communication Skills Lab.
- Organizing conferences.paper presentations for the students of different institutions.
- Centre for Upskilling and Empowerment (CUE) conducts programs on Project awareness to all final year students of all the streams.
- CUE conducts Gate awareness program to all final year students of all the streams.

Career Options

- Personality development programs conducted by professional trainers.
- Critical thinking and reasoning skills by FACE, SPARKLES, SIX PHRASE and etc.
- Placement and training.
- Industrial training. Internship.
- Industrial visits.
- Choice of electives.
- Interaction with alumni.
- Invited talks by Eminent Personalities from Industry & Academia.
- Departmentwise training and placement activities.

Community Orientation Training

- The members of faculty are involved in community orientation to the school students by providing the Career Guidance (School Outreach Program).
- Lectures on different social issues women security, legal issues, fire safety, etc.,
- NSS unit regularly visits surrounding areas and villages where people are provided awareness on various social, moral, ethical principles and ways of life. NSS team of the college participates in community services. development activities like organizing blood donation camps periodically.
- YRC unit members involve themselves in cleaning the premises of temples, schools and roads. They create awareness about environmental cleanliness to the rural people.

List of the courses

Department Name	Value Added Courses
Civil Engineering	Auto CAD, STAAD Pro, ArchiCAD, Primavera.
Computer Science and Engineering	Hidden Things in Pointers, Advanced Java Programming, Android Programming, HTML 5, CSS3, C, C++ and Java
Electronics and Communication Engineering	Basic Programming in C language, Java, PCB Design and Embedded system.
Electrical and Electronics Engineering	Java Programming, Embedded System, PCB Design
Mechanical Engineering	Auto CAD, Pro-E, CATIA, Unigraphics
Science and Humanities	Communication and personality, BEC – Business English Certificate.

1.3.5 Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?

- Every semester the Faculty meeting is conducted by the Head of the department for each class for discussing the subjects and Head of the department provides valuable and remedial suggestions to each faculty to enrich the curriculum.
- Course committee meeting is conducted each semester for the faculty members who handle the common subjects to the different classes. And the Course coordinator provides valuable suggestions to enrich the delivery of the curriculum.
- The class committee will get the feedback on enriching the curriculum delivery and necessary steps will be taken by the chairman of the committee to enrich the curriculum delivery.

- The Heads of the departments will collect feedback from Alumni, Employer, Parents through well structured surveys and the data is analyzed and tabled before the AAC for suitable suggestions on enriching the curriculum.
- At the end of every semester, the Head of the department will collect feedback from every student on the effectiveness of the curriculum delivery. The data is analyzed and suitable measures are taken by the HOD.
- Value added courses are modified based on the feedback from stakeholders.
- Based on the feedback from Industrial experts and alumni, the curriculum is enriched by organizing specific training programmes, special lectures, industrial visits, workshops and Faculty development programmes.

Student Feedback

A standard feedback questionnaire about faculty handling each subject is collected from all the students at the end of each semester, and the collected feedback is scrutinized by the senior faculty members according to 10 categories. The feedback system collects the following information about the faculty from the students through the questionnaire:

- Classroom delivery, whether by reading or interactive communication (use of analogies, examples, observations from surroundings etc.)
- Use of Training aids like Models, Charts, video, Animated Computer Graphics, Presentations, Effective Board work etc.
- Involvement in Internal assessment (whether casual or involved marking, with corrective remarks)
- Level of preparedness (whether adequately prepared for class)
- Ease of maintenance of order (with out threats or punishments)
- Temperament (Calmness, patience, irritability etc.)
- Intellectual Stature (commands respect of students by intellectual and maturity level)
- Integrity(honesty)
- Integrity (Impartial)
- Integrity (Fairness and just)
- The teaching faculty will be evaluated with respect to their academic ability, attitude towards the students and disciplining the students.
- This feedback system helps the teaching faculty to become aware of their weaknesses and grow more in their strengths with respect to teaching skills.
- The Head of the Department discusses the feedback with the individual faculty.
- The faculty members with unsatisfactory feedback are advised and supported with valuable suggestions.

- The faculties handling some new subjects for the first time, getting low pass percentage, are counseled.
- The oral feedback from faculty as well as group of students is considered to improve the overall teaching of the subject from the next academic year.

Thus the feedback questionnaire provides a comprehensive analysis of the Teaching faculty.

1.3.6 How does the institution monitor and evaluate the quality of its enrichment programmes?

“Internal Quality Assurance Cell (IQAC)” has been formed in the institution and it mainly concentrates on the quality of enrichment programme. And it has the following functions;

- Development and application of quality benchmarks.parameters for the various academic and administrative activities of the University.
- Arrangement for feedback responses from students, parents and other stakeholders on quality-related institutional processes.
- Dissemination of information on the various quality parameters of higher education.
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles.
- Development and maintenance of Institutional database through MIS for the purpose of maintaining .enhancing the institutional quality.
- A faculty is assigned to coordinate the enrichment programme. The coordinator monitors the implementation of the programme, collecting feedback and conveying the evaluations to students. An organizing Committee has been constituted at the department level for all the enrichment programmes.
- Frequently monitoring of the attendance of the students is carried out by the Faculty tutors and Head of the departments for all working days. And the information about the students who have lack of attendance is conveyed to their parents through phone calls and messages every month end. And their parents are asked to meet the Head of the department and Principal and are advised to maintain their wards attendance properly.

Following steps are the part of quality evaluation of the enrichment programme:

- Feedback during the enrichment programme at every class committee meeting.
- Feedback during the enrichment programme at every Faculty meeting.
- Review after the completion of class committee meeting and Faculty meeting.
- Corrective and remedial action taken if needed.

- Review meeting with Principal and Head of the department is conducted after every internal assessment and the progression of the students discussed and the corrective suggestions for their improvement given by the principal.
- Review meeting with Principal and Head of the department is conducted after semester result, the results of the students analyzed and the suggestions about the results given by the Principal for their improvement in their upcoming semesters.

1.4 Feedback System

1.4.1 What are the contributions of the institution in the design and development of the curriculum prepared by the University?

The institution scrupulously follows the curriculum prepared by academic experts of the Anna University. However, the various aspects and intricacies of the curriculum are discussed in detail by senior faculty members of our college at the end of every semester. Moreover the impact factors of the curriculum are analyzed through interaction with the HR personnel visiting our campus for recruitment and pertinent suggestions are forwarded to the parent University for taking purposeful remedial action.

1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If 'yes', how is it communicated to the University and made use internally for curriculum enrichment and introducing changes.new programmes?

The institution takes all possible steps to instil a spirit of enquiry in the minds of young students, which is very essential for understanding and appreciating the prescribed syllabus. However, the students are encouraged to express their opinion of the curriculum at the end of every semester, through a feedback obtained from final and pre final year students as well as Alumni of the college. With the encouragement of the management, efforts are being taken to teach certain important current topics, beyond the scope of the syllabus, keeping in mind the requirements of the industry. Through well planned VAP (Value Added Programme) and various co-curricular activities, the institutions strive to improve the employability and overall proficiency of our students who happen to be the principal stake holders.

1.4.3 How many new programmes.courses were introduced by the institution during the last four years? What was the rationale for introducing new courses.programmes?)

The college takes initiative to offer new courses . program by considering the growing demand from the public. The new courses started in the academic year 2012 -2013, namely

M.E.VLSI, M.E.Power Electronics & Drives were subsequently abolished due to sudden decline in the demand for these courses.

S.No	Year	Details of the Programme	Intake	Remarks
1	2012-2013	B.E.CSE	120(60+60)	Increased Intake
2	2011-2012	B.E.ECE	120(60+60)	Increased Intake
3	2012-2013	B.E.MECH	120(60+60)	Increased Intake
4	2013-2014	B.E.MECH	240(120+120)	Increased Intake
5	2011-2012	M.E. CSE	18	New Course
6	2012-2013	M.E. Structural Engineering	18	New Course
7	2012-2013	M.E.VLSI	18	New Course
8	2013-2014	M.E. CSE	24	Increased Intake
9	2013-2014	M.E.Power Electrical Devices	24	New Course

Any other relevant information regarding curricular aspect which college would like to include.

Normally, the curriculum is designed by the university experts at the top level and it is being thrust on the academic community. On the other hand it will be better if we can evolve a mechanism for inviting suggestions. Recommendations from the students (the principal stake holders) and teachers for implementation by the authorities concerned.

CRITERION II: TEACHING - LEARNING AND EVALUATION

2.1 Student Enrollment and Profile

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

Prospectus

An updated prospectus is published by the institution every year for all the courses providing the following details:

- Mission and vision of the institution
- Various courses offered
- Various departments
- Eligibility conditions for admission
- Fees structure for the individual courses based on community
- The infrastructure facilities available
- The scholarships available
- Placement
- Placement trainings and other value added programs provided to the students
- Co-curricular activities and other special features of the college.

Institutional Website

A dynamic website is maintained by the institution giving the following information:

- Mission and vision of the institution
- Seminars, programs and other events organized
- The institution authorities, academics, and departments
- Mission and vision of individual departments
- Admission procedure
- Facilities available in the institution
- Examinations
- Other student welfare activities.

Advertisement in Regional /National Newspapers

Advertisements are released in the leading regional newspapers about

- Various courses offered
- Facilities available

- Placement details
- Other events happening inside the institution

Any other (specify)

Education Fairs:

The Institution actively participates in a number of education fairs conducted every year by various agencies in Tamil Nadu, CODISSIA trade fair – Coimbatore etc., so that the name and fame of the institution reaches the visitors coming from various places inside and outside Tamil Nadu.

2.1.2 Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.

Admissions based on AICTE norms and the rules framed by the Tamil Nadu Government consist of two systems, SWS and MQS.

SWS – Single Window System:

Immediately after the publication of the results of the higher secondary examinations, the students send the filled in applications to the Director of Technical Education and the seats are allotted to the students through SWS of counseling, adhering to the rules on quota for different communities and the rank of the students.

MQS – Management Quota System:

Management quota seats are allotted based on the ranks assigned to the students as per the marks in higher secondary examination following the rules on reservation according to community quota.

2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the college and provide a comparison with other colleges of the affiliating university within the city.district.

Academic Year 2015 – 2016 Cut off mark details

Branch		OC	BCM	BC	MBC	SC
CSE	Highest	174.25	99.75	187.75	182.00	112.25
	Lowest	146.00	-	91.00	99.25	-
ECE	Highest	167.75	-	190.75	180.75	114.75
	Lowest	153.00	-	103.75	109.50	-
EEE	Highest	148.00	109.75	190.00	153.00	-
	Lowest	-	-	150.50	94.00	-
CIVIL	Highest	168.00	145.50	191.00	174.75	162.75
	Lowest	-	-	140.75	133.25	136.75
MECH	Highest	146.75	171.75	190.75	169.50	118.50
	Lowest	142.50	107.00	101.00	102.50	115.00

2.1.4 Is there a mechanism in the institution to review the admission process and student profiles annually? If 'yes' what is the outcome of such an effort and how has it contributed to the improvement of the process?

For government quota, the seats are allotted to the students through single window counseling system and as far as management quota is concerned, the seats are allotted strictly on the basis of merit. Hence, a requirement for a review for admission process does not arise.

2.1.5 Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion

- * SC/ST
- * OBC
- * Women
- * Differently abled
- * Economically weaker sections
- * Minority community
- * Any other

As the institution strictly follows the SWS and MQS framed by the government of Tamil Nadu, students belonging to all the categories find a place in the institution without a single case

of refusal. Also, special fee waivers in transport and hostel facilities are provided to students belonging to the categories namely SC.ST and economically weaker sections and special type of restrooms and elevators are made available for differently abled students.

2.1.6 Provide the following details for various programmes offered by the institution during the last four years and comment on the trends. i.e. reasons for increase . decrease and actions initiated for improvement.

Programme Level	Name of the Programme / Course	Academic Year Started	Sanctioned Intake	Increase in Intake
UG	B.E - Civil Engineering	2010 – 2011	60	-
	B.E - Computer Science and Engineering	2009 - 2010	60	120 (2012 – 2013)
	B.E - Electronics and Communication Engineering	2009 - 2010	60	120 (2011 – 2012)
	B.E - Electrical and Electronics Engineering	2009 - 2010	60	-
	B.E - Mechanical Engineering	2009 - 2010	60	120 (2012-2013) & 240 (2013 – 2014)
PG	M.E - Structural Engineering	2012 - 2013	18	-
	M.E - Computer Science and Engineering	2011 - 2012	18	24 (2013 – 2014)
	M.E - VLSI Design	2012 - 2013	18	-
	M.E - Power Electronics	2013 - 2014	24	-

Due to demand in Mechanical and Civil related courses, some of these related programmes have been increased and due to poor market conditions other courses have been decreased.

2.2 Catering to Student Diversity

2.2.1 How does the institution cater to the needs of differently- abled students and ensure adherence to government policies in this regard?

The institution strictly follows the reservation rules of the government of Tamil Nadu for admission of differently- abled students. Every effort is made to make the differently abled students feel at home while ensuring that they do not feel pampered while special sympathy is shown to them.

The following facilities are provided in our campus:

- Ramp facilities are provided wherever necessary.
- Elevators are installed in our college buildings.
- Special attention is given to their needs during the course of study.

- The classroom is allotted by considering their comfort.

2.2.2 Does the institution assess the students' needs in terms of knowledge and skills before the commencement of the programme? If 'yes', give details on the process.

Yes. Students enter engineering colleges from various school streams. Their level of knowledge in key subjects and their assessment in school also varies widely. For that our institution is providing the following:

Before the commencement of the first year classes the institution conducts the following events

- An orientation Programme.
- Addressing freshers along with parents.
- Presentation about overall regulation, department details and Co-curricular activities, etc.
- Bridge course which provides an outline about the engineering education.
- In addition, during the academic programme students requiring special attention in specific subjects are identified and extra coaching classes are conducted.
- The institution conducts the Bridge Courses in Communication Development and Motivational programme in order to fulfill the needs of students.

2.2.3 What are the strategies adopted by the institution to bridge the knowledge gap of the enrolled students (Bridge, Remedial, Add-on, Enrichment Courses, etc.) to enable them to cope with the programme of their choice?

To bridge the knowledge gap of the students, the following various add-on courses are conducted for the students:

- Special attention is given to weak students in subject wise.
- Value added programs have been conducted to improve and impart software knowledge to the students.
- We also take the students for In plant training by visiting the nearby industries which gives exposure on the industry and its environment.
- The management also arranges for an Industrial Visit for the students once in a semester.
- As a part of add-on course, special training is also given to the students by professional trainers for improving their communication and soft skills.
- Sponsored programs are conducted by Entrepreneurship Development Cell to enrich the enrolled students.

2.2.4 How does the college sensitize its staff and students on issues such as gender, inclusion, environment etc.?

- At commencement of each semester, the Chairman and Principal address the faculty on the importance of handling the students with sensitivity.

- The staff members and students are equally treated in religious aspects.

Women empowerment cell

- The women empowerment cell functions separately for the benefit of the women employs and girls students.
- A separate retiring room is available for ladies staff and girls students.
- The women empowerment cell conducts the women's day celebration every year.
- The girl students are encouraged to participate in the events.
- A physiological counselor is appointed by the institution for the benefit of girl students.

Environment

- Regarding the environmental aspects, we have pleasant greenish lands escape which will help the student to concentrate more on study.
- In our college, the awareness programme on the importance of using helmet while driving is conducted.
- The NSS unit of our college takes up the task of planting sapling in and around the college campus.
- Rain water harvesting system is installed in institution.

2.2.5 How does the institution identify and respond to special educational learning needs of advanced learners?

Identify the advanced learners

- By the frequently accessing the class performance and through interaction with all the faculty members and by evaluating the last semester examination.
- By their performance in slip tests.
- By their consecutive performance in internal assessment tests.
- Participation in department activities.
- Prizes Won in Co-curricular and extracurricular activities.

Advanced learners

- In our college, Learning Management System (LMS) software having Quiz questions for practising by students to improve technical skills.
- The students are encouraged to do project models.
- Every year, our college conducts Engineer's Day celebration in each department in which they conduct technical events like Coding, Model making, Circuit debunking, CAD Modelling and Assembling and Dis mantling.
- The management appreciates the advanced learners by providing scholar ships to encourage them.

- Students are encouraged to participate in conference and workshops to developing their knowledge.
- Students are encouraged to appear for the GATE and Competitive examinations.
- Students are encouraged to do the Research Projects along with the faculty members.
- The centre for up skilling and Empowerment cell functioning in our campus provides soft skills training and training program on how to approach the competitive examinations.
- Guest lectures and seminar by experts, from each discipline.

2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc. who may discontinue their studies if some sort of support is not provided)?

Student's data are collected as follows:

- College has a Data System (ROVEN & LMS) for maintaining complete data base of students and faculties including academic related activities.
- ROVEN system maintains the individual students details, such as daily attendance, slip test marks, internal assessment marks and university marks.

Physically challenged

- Convenient class rooms and examination hall are allocated.
- The physiological counsellor is appointed by the institution.
- Lift and Ramps are available in our college buildings.
- Separate restroom is available in our campus.

Slow learners

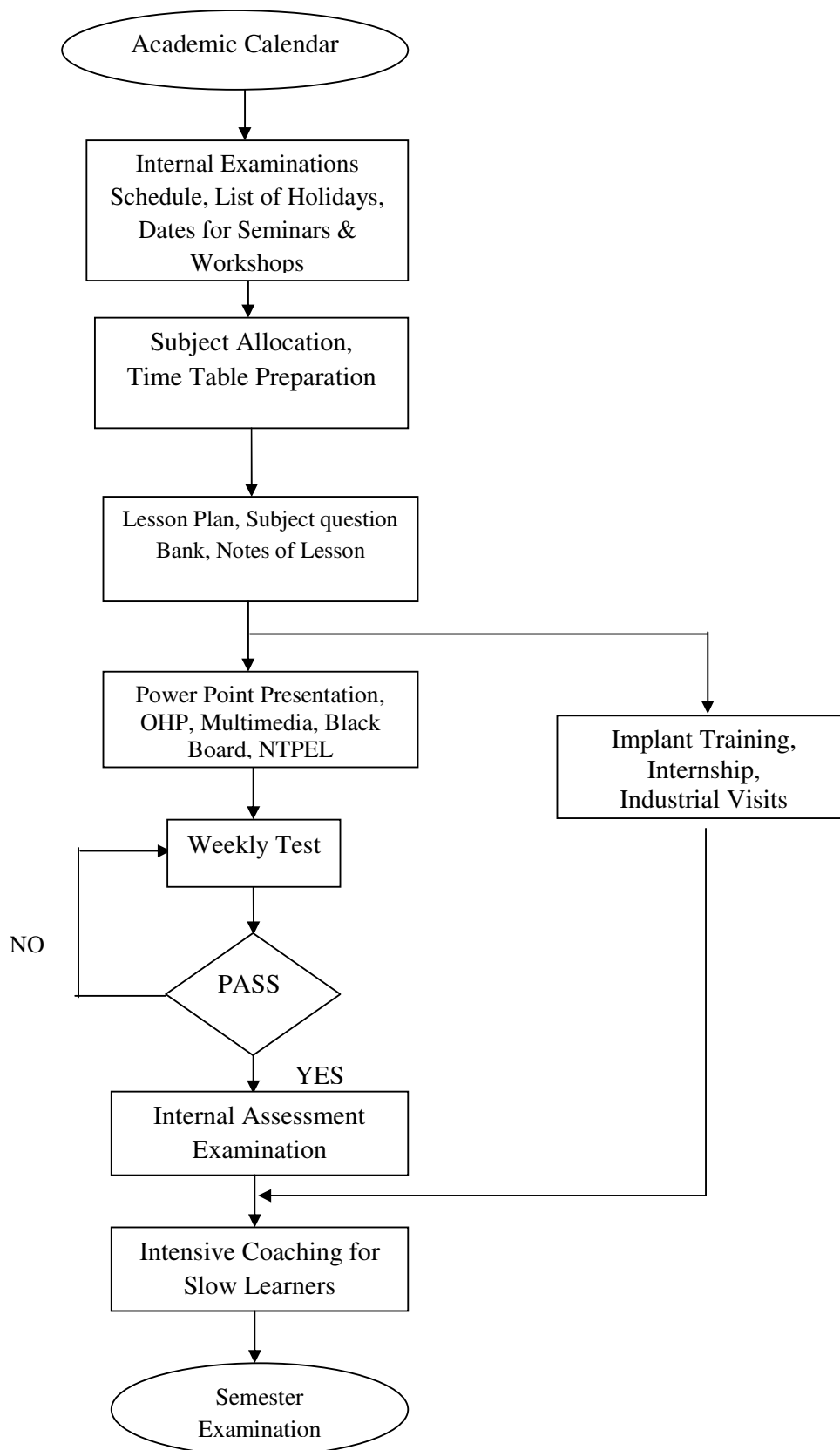
- For individual students we maintain Green Card system in which personal and academic details of students are recorded.
- For each 15 students, a mentor (faculty) is appointed to mentor the students personally, and academically to motivate them to get good marks.
- The students are advised to read the questions from question bank. At the time of exam they prepare for the exams by referring to the question bank.
- After completion of each test we conduct the class committee meetings with students and discuss the completion of portions, labs, etc., If the students feel tough about a particular subject conduct extra classes are conducted.
- After completion of each internal assessment test, result analysis meeting is conducted to identify slow learners.
- Specially designed communication improvement events are conducted by the English department for the Tamil medium background students.

Economically weaker students

- If the students are really not capable of paying the fees, the management comes forward to support them financially.

2.3 Teaching-Learning Process

2.3.1 How does the college plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print, etc.)



At the commencement of a new academic year, HODs meeting is held to decide the academic calendar. As per the guidance and regulations of the Anna University, the academic calendar along with the internal assessment examination dates, list of holidays, tentative dates of seminars and workshops is prepared and the printed calendar is distributed to all the students and faculty members so as to plan accordingly.

The course plan begins with the subject preference given by the department faculty members. If a subject is to be handled by any other department, a requisition letter is given to that particular department. On getting the willingness data, the HOD allots the subject to a faculty member considering the area of specialization of the faculty, experience in handling the subject and the result produced by the faculty.

As soon as the subject is allotted to the faculty, the faculty prepares the lesson plan with the syllabus for the given lecture hours along with a proposal for an industrial visit if applicable to the subject. For every subject, an industrial visit will be organized and on completion of every unit a quiz program will be organized.

On every alternate day, slip test is conducted for one hour on the topics discussed during the particular week and the answer sheets are evaluated within two days of time. The corrections are intimated to the students and tips are given to prepare well for the university examination.

A question bank is prepared by the subject faculty for that subject, by consolidating the university question papers of past few years. The repeated questions are highlighted. All the questions on the subjects of that particular class are consolidated and printed as one book and distributed among the students. This question bank will be useful for the slow learners at the time of examination.

Internal assessment examinations are conducted at frequent intervals as per the Anna University schedule. A coaching class for the slow learners is conducted during the forenoon session of the Internal Assessment Examination. During the coaching, difficult portions of the subjects are explained with examples so that the slow learners will be benefitted.

A question paper for the IA is prepared with maximum questions from the question bank given to the students. A scheme of evaluation is prepared along with the question paper. The answer sheets are corrected and the mistakes made by the students are corrected for every individual paper within 3days of time. The answer sheet is given to the students for reference and the mistakes will be explained to the students. Later, a class committee meeting is held with a group of students to know about the short comings of every subject.

After valuation, result analysis is consolidated for each class. Every student is observed individually. Students with 2 or more arrear subjects are given special care and counseling on the academic and personal problems. The feedback from the students will be collected and steps will be taken for further improvement.

2.3.2 How does IQAC contribute to improve the teaching -learning process?

We have an IQAC consisting of senior faculty from each department to assess the needs of the faculty as well as students for improving competencies among the faculty and for developing skills among students and accordingly advise the departments to conduct various programs. It also takes up the responsibility of collecting feedback of each program conducted for its usefulness to the concerned participants and feedback from the representatives of the industries about the additional requirements if any in which the students are to be equipped is also obtained

2.3.3 How is learning made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?

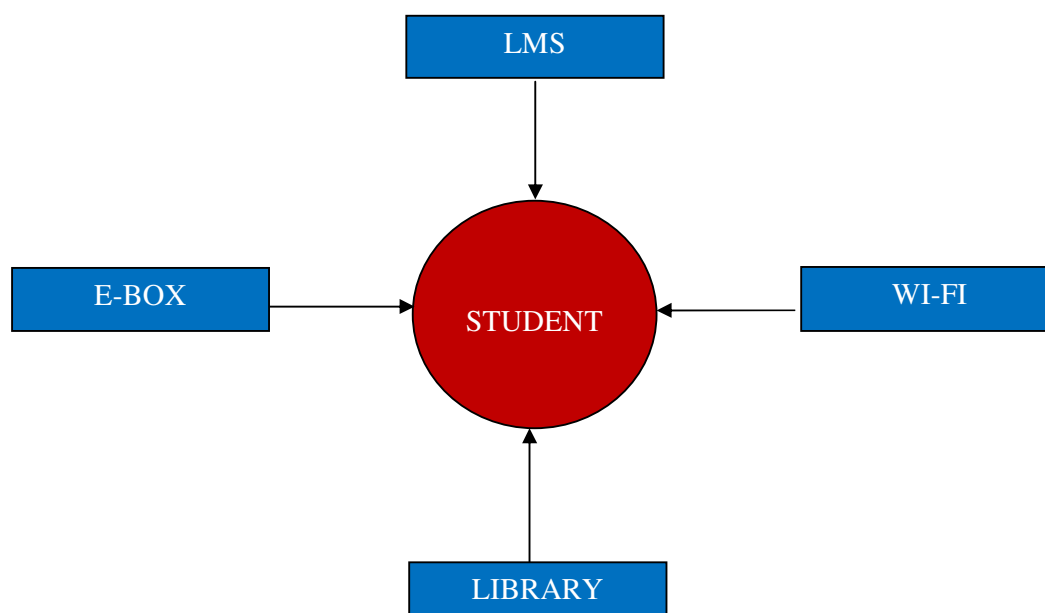
The college provides a well-stocked library which stocks latest books, journals and e – books (Digital Library), which the faculties use efficiently to provide comprehensive and latest information to the students. Students are also encouraged to use the library independently to enhance their knowledge.

Students are encouraged to attend in-plant training at the end of each semester in their respective areas to gain industrial knowledge and awareness. Students participate in the workshops and seminars conducted in the departments and bring out new ideas. At least one industrial visit is organized for each semester where the faculty accompanies the students and explains the real time mechanism that is carried out in the industries.

Learning Management System (LMS) – software is considered as the more effective mode of learning by the students. In is software, there are provisions for the students and faculty to interact. The hand notes, presentations, lectures, NTPEL videos, etc., of the particular subject will be uploaded before the portion is handled in the class room. The student becomes familiar with the topic before the faculty teaches it. The student comes prepared with his/her doubts and gets them cleared the very next day. After the session is over, there is a provision for the student to rate the session accordingly. This can be viewed by the HOD and Principal and they can take necessary steps if needed. Further, at the end of each unit, students can attend a test in the form of quiz containing the questions of the completed unit.

E-Box is a Technology Enabled Active Learning and Assessment platform for technology and engineering domains. Apart from the basic LMS components like quizzes, assignments, lesson components, resource components etc, it has numerous activity components pertaining to technology and engineering concepts that could be used for design and analysis oriented learning. These components are also used for assessing the design and analysis skills of candidates, apart from the regular knowledge level testing.

Wi-Fi technology in the campus enables the students to access the internet for their skill development.



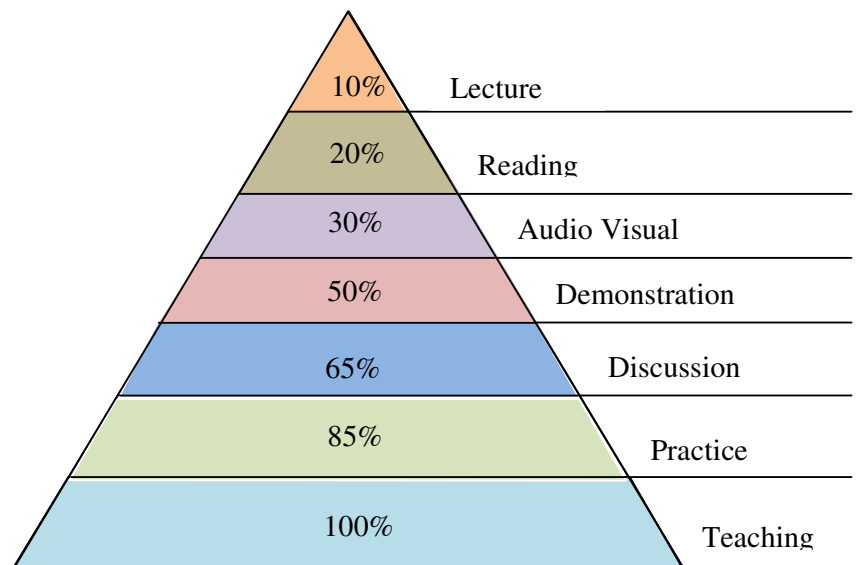
2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?

The institution motivates creativity, critical thinking, innovation, and analytical thinking in the following ways:

- All the departments organize symposiums each year in which they conduct different events like paper presentation, quiz, code debugging, circuit debugging etc.
- Technical Teaching aids such as OHPs, LCD projectors, smart classrooms and Wi-Fi are used effectively by the teaching faculty in all departments.
- Students are motivated to present mini projects and project models to enrich their practical knowledge.
- Quiz programmes are uploaded in LMS (Learning Management Systems) for each subject which helps the students to gain the in-depth knowledge of the subject.
- Students are motivated to participate in various national and international events such as:

- i. Seminar and Paper presentation
- ii. Conferences
- iii. Workshop
- iv. Internship Programme

2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Eg: Virtual laboratories, e-learning - resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education, etc.



- The institution is equipped with modernized central library having 43760 volumes of books in all disciplines of Engineering, Technology and Literatures.
- The central library provides access to on-line resources like e- books and journals. The faculty members through “DELNET” access the e-resources books and various journals of different disciplines for effective update and teaching to the students in their field of study. The institution supports in providing access to other libraries for the staff members.

The following are the technologies and facilities available and frequently used by the faculty for effective teaching:

- There is an exclusive internet laboratory for the access of the students and faculty members, even on holidays.
- The campus is enabled with 24×7, Wi-Fi connectivity.
- The faculty members utilize the National Programme of Technology Enhanced Learning (NPTEL) resource materials.

- The use of modern multimedia teaching aid other than black board such as OHP, LCD projectors are used as teaching aids.
- Smart class rooms are utilized for effective teaching.

2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?

- The institution encourages the students and the faculty members to present papers and to attend workshops in national and international level.
- Seminars and conferences are organized by all the departments in order to motivate their students and faculty members to improve their knowledge.
- Guest lectures are arranged by inviting the academic and industrial experts. The students and faculties are also motivated to attend conferences, seminar and workshops conducted by other reputed institutions and universities.
- MoUs signed by the departments help the students to enrich their knowledge and skills.
- The college sponsors and arranges FDPs. Workshops for faculty members.
- Faculty members are encouraged to publish papers in the reputed journals and they are rewarded with cash awards for the same.
- Recently published books are available in main. department libraries.
- Guest lectures by eminent people from industries and academia are arranged periodically

2.3.7 Detail (process and the number of students \benefitted) on the academic, personal and psycho-social support and guidance services (professional counseling,mentoring.academic advise) provided to students?

- The Faculty advisor maintains all particulars of students in a *Green Card* and the counseling, if any, is recorded in the same.
- The Institution has formed a special Counseling cell for the welfare of students.
- The College follows Mentor-ward system for counseling, mentoring and to improve the academic performance of the students. Each Faculty advisor is allotted 15 to 20 students to provide academic, personal and psycho-social support and guidance services. In addition, a full time professional counselor is available in the campus.
- Mentor-ward system monitors the academic performances of the students and the personal needs and provides general counseling till the time the student graduates. Some needy students are given intensive counseling by the faculty members of the department and by external experts.

- The faculty advisor is constantly in touch with the parents, guardians. Professional counseling is given by the college counselor on a regular basis and experts from the industry are invited to brief and guide the students.

2.3.8 Provide details of innovative teaching approaches, methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?

- LMS (Learning Management System) is used by the students to enrich the understandability of each subject.
- Lectures of experts on various subjects through NPTEL help the students to improve the subject knowledge.
- Students' presentation skills are improved by making them present seminars on topics in the class supplemented by the lectures of concerned teachers.
- Group discussions are conducted on specific topics of almost all subjects which really help them to understand the practical application of each subject.
- In some specific subjects, CASE Studies are discussed.
- Bridge courses for slow learners and special and advanced training for advanced learners are conducted periodically.

2.3.9 How are library resources used to augment the teaching- learning process? Central Library is available and accessible by both the faculty and students. It has large collections of books, Journals and e-journals. Open access system is followed, the students have direct access to the books, Magazines and Journals and adequate number of books is also issued to the students for additional reference. If the students wish to have additionally a few more books for reference, they are also issued.

The students can utilize the library for referring to various magazines and journals in order to keep themselves abreast of the latest developments in their concerned disciplines and whenever they come across anything that is new which is not covered in the curriculum, they are also asked to collect such information and present it before the other students in the class.

Faculty has an easy access to thousands of e-journals and research articles which are used for enhancing their knowledge in the subject. A large number of CDs containing various demonstrations and animations of the operations of various components are available in the library which is frequently used by the faculty in the class to facilitate better understanding of the subject content to the students.

2.3.10 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If 'yes', elaborate on the challenges encountered and the institutional approaches to overcome these.

Each semester should have a minimum of 450 periods. The institution works for more than the prescribed hours. In case of shortage of working hours due to natural calamities or any other aspect, institution plans to work for additional classes. If necessary, holidays are effectively used to complete the theory and laboratory portions of all subjects.

2.3.11 How does the institute monitor and evaluate the quality of teaching learning?

Every new faculty is deputed to attend Faculty Development Programme (FDP) before the commencement of Academic year to enrich his/her knowledge in the subject which is going to be taught in the class room. HoD will assist the faculty member while preparing the class lecture materials. Much importance is given for practical classes where the students can learn things practically. Every faculty member is motivated to deliver his classroom lecture very effectively and in a friendly manner to reach the students.

Every semester, the institution conducts three Internal Assessment (IAs) as per the Anna University norms. In addition to that, slip tests and extra coaching classes are conducted. The performance of the students in each subject and the ability of the teacher concerned in producing better results are evaluated.

Class committee meetings are conducted after completion of every Internal Assessment (IA) in which the completion of syllabus, laboratory experiments, the need for extra training classes, difficulties in subjects, infrastructure needs etc are discussed. The institution collects feedback from students on each faculty member in a semester through online feedback system.

2.4 Teacher Quality

2.4.1 Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum

Recruitment Policy

- The institution follows AICTE and Anna University norms for recruitment of faculty members. As per AICTE, Anna University norms, UIT has adequate student and faculty member ratio of 15:1 for UG Programmes and 12:1 for PG Programmes.
- Faculty recruitment will be planned in advance before the commencement of academic year.

- The details regarding the vacancies are published in the leading daily newspapers and in the college website
- The recruitment is made in three stages, such as written test, technical interview and personal interview.
- The candidates are interviewed by a Staff Selection Committee consisting of Principal, HOD, Expert member from Government.Government aided institution.
- Appointments are done purely based on merit as decided by the Staff Selection Committee.
- Preference is given to faculty with Ph.D. qualification. Industrial experience is also considered as well.

Retention Strategy

- Providing a friendly and supportive environment for the faculty as everyone works with a sense of ownership in the college.
- Providing accommodation for the faculty Hostel located within the campus.
- The college has well-structured promotional policy, Leave Policy, Consultancy policy, etc., to retain the best faculty.
- Freedom is given to work independently in their domain and show their intent and talent.
- Faculty members are motivated to do their higher studies and research. Paper publication, attending conferences. seminars are encouraged.
- Teachers who desire to attend overseas conferences are also encouraged.
- Maternity leave is provided to women faculty.
- As a very conducive atmosphere and a pleasant environment is created and as the management is supporting in the endeavors of teachers for upgrading themselves,the faculty members show a keen interest to work with dedication.

S. No.	Details	No. of faculty
1	PhD	10
2	Pursuing PhD	37
3	PG	99
4	Pursuing PG	1
5	M.Phil	11

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc..D.Litt.	-	-	-	-	-	-	-
Ph.D.	7	-	1	2	-	-	10
Persuing Ph.D.	-	-	3	5	18	11	37

M.Phil.	-	-	-	-	3	8	11
PG	-	-	1	1	52	45	99
Pursuing PG	-	-	-	-	1	-	1

2.4.2 How does the institution cope with the growing demand. scarcity of qualified senior faculty to teach new programmes. modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.

- Institution has taken all efforts to recruit qualified teachers in the discipline, concerned.
- Faculty members are motivated to attend training programmes. FDPs in their respective areas to update their knowledge in the emerging fields.
- Eminent resource persons from the prestigious Institutes and corporate sectors are invited to deliver expert lectures about latest trends and challenges of industry. Special customized training programmes are also organized for the faculty members.
- Institution encourages faculty members to pursue research through Quality Improvement Programs. Institution provides facilities for the faculty members pursuing higher studies.
- Faculty members are encouraged to participate in International and National level technical programmes.
- Special leave is granted to the faculty members for higher studies.

2.4.3 Providing details on staff development programmes during the last four years elaborate on the strategies adopted by the institution in enhancing the teacher quality.

Nomination to staff development programmes

Academic staff development programmes	Number of faculty Nominated					
	CIVIL	CSE	ECE	EEE	MECH	S&H
Refresher Courses	-	-	1	-	-	-
HRD Programmes	1	-	7	-	1	-
Orientation Programmes	10	7	-	6	32	6
Staff training conducted by the University	1	4	3	3	3	4
Staff training conducted by the other institutions	12	17	9	1	11	5
Summer.Winter schools workshops, etc.	3	5	15	-	4	1

Faculty Training programmes organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning.

- **Teaching learning methods. approaches:** Faculty members deliver lectures by various modes such as power point presentation, the use of e-resources like NPTEL etc. These methods are found to be very effective and self-explanatory as expressed by the students.
- **Handling new curriculum:** The College has experienced & qualified faculty members to handle the new curriculum effectively. Before the commencement of each semester the faculty member can choose the subject based on their choice. Finally the HOD allocates the subject in accordance with their choice, area of specialization and previous performance of the faculty member.
- **Content.knowledge management:** Faculty members are encouraged to attend the National & International seminars, workshops and FDPs and also encouraged to publish. present paper in national and international journal. conference.
- **Selection, development and use of enrichment materials:** The College organizes the technical events, seminars, workshops, Faculty Development Programmes (FDP) and summer trainings.
- **Assessment:** The assessment is to be carried out after 3 months and not more than 6 months after guidance by the Principal and HoD on preparation for class work and presentation, requirement of training programme, faculty communication skill, capability to clear doubt, encouraging students to ask question and controlling students in the class.
- **Cross cutting issues:** Faculty members are advised to update the latest technologies existing in their relevant field and also advised to have experience in latest softwares and tools. Faculties are allowed to attend the special events in emerging areas.
- **Audio Visual Aids.multimedia:** Class rooms are equipped with LCD Projection Systems which is helpful for faculty members to communicate their content to students. These facilities surely enhance lecture delivery and effective communication.
- **Open Educational Resources (OERs):** The College encourages the students and faculty to use and explore the Open Educational Resources (OER). Faculty members prepare the solution for the sessional question papers and upload it on college portal (LMS) and same is referred to by the students. The E-resources are also available in the library where students can access, download or take hard copies of these resources.

- **Teaching learning material development, selection and use:** Faculty members prepare the notes in soft and hard copies from various reference books and make it available to students. The members of the faculty have free access to internet which helps them to collect learning material. The college library has various books and journals of various specializations.

Percentage of Faculty

Programmes	Percentage of Faculty Nominated					
	CIVIL	CSE	ECE	EEE	MECH	S&H
Invited as resource person in workshops.Seminars.Conferences organized by External professional Agencies	1 5.88%	-	1 3.84%	-	2 4.44%	-
Participated in External workshops.Seminars.Conferences recognized by National. International professional Bodies	2 11.76%	10 28.57%	10 38.46%	1 8.33%	7 15.55%	-
Presented Papers in workshops.Seminars.Conferences Conducted or recognized professional Agencies	2 11.76%	7 20.00%	4 15.38%	9 75.00%	18 40.00%	11 45.80%

2.4.4 What policies.systems are in place to recharge teachers? (eg: providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programmes industrial engagement etc.)

- The Institution believes that the faculty members are the prime movers of learning in imparting the knowledge and skill. The College has a Faculty Development policy to streamline the faculty development activities of the college. The policy aims at faculty empowerment for continuous improvement in teaching learning, research, and consultancy and extension activities
- During the last four years, the institution has taken up several initiatives to enhance teacher quality. The initiatives taken by the college are in the following lines:
 - Faculty members are encouraged to pursue higher studies.
 - The institution grants study leave for the faculty members pursuing higher studies.
 - Staff members are encouraged to undertake consultancy works. The revenue collected as the testing & consultancy charges shall be shared between the institution and staff on the basis of 33% and 67%.
 - The faculty members are encouraged to attend the FDP organized in different areas, for which the staff is given leave on duty.
 - Faculty members are also encouraged to visit the Industry and other agencies according to the requirement of the projects.

2.4.5 Give the number of faculty who received awards, recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance.achievement of the faculty.

Academic year	Number of Faculty Received Recognitions/Awards					
	CIVIL	CSE	ECE	EEE	MECH	S&H
2012-2013	1	11	7	-	1	1
2013-2014	5	13	11	3	2	1
2014-2015	5	12	4	5	5	8
2015-2016	1	11	11	9	1	6

2.4.6 Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?

- Yes. The feedback on faculty members is collected from students and external peers for overall growth. HODs and Principal interact and receive feedback from external faculty members who visit the institution during laboratory examinations. Such feedbacks are used to devise a training programme for the faculty members and they are trained accordingly.
- The institution follows the system to collect feedback from students regularly at the end of every semester about the faculty members.
- The institution also gets feedback from the expert members of the staff selection committee and Promotion.Career advancement selection committee.
- Faculty members are counseled by the HOD.Principal and improvement in their performance is ensured.
- Class committee meeting is conducted after internal assessment and the suggestions from students are discussed in the committee meeting, comprising students and faculty members.
- Based on the feedback, training and orientation programmes are arranged to hone the skills and improve the efficiency of teaching learning process.

Student Feedback

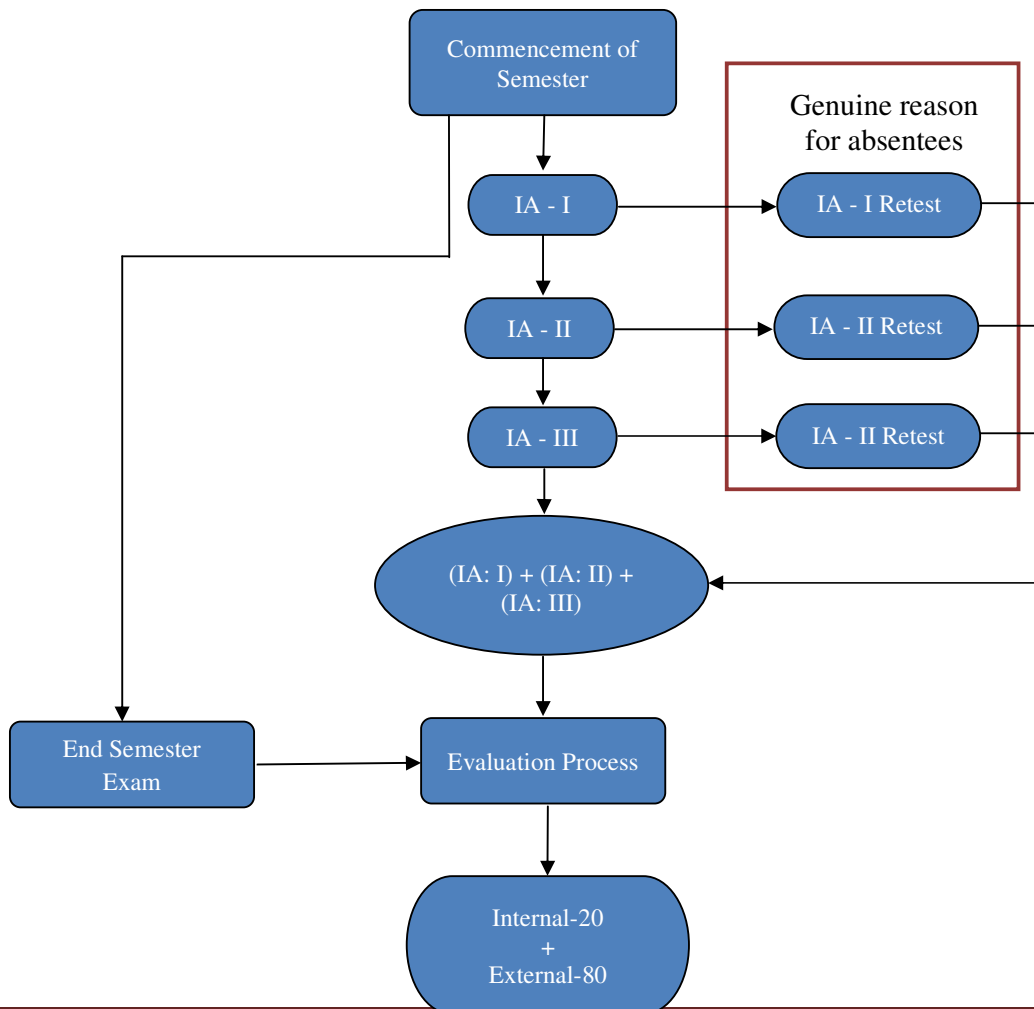
- A standard feedback questionnaire about faculty handling each subject is collected from all the students at the end of each semester
- The teaching faculty will be evaluated with respect to their academic ability, attitude towards the students and disciplining the students.
- This feedback system helps the teaching faculty to become aware of their weaknesses and grow more in their strengths with respect to teaching skills.

- The Head of the Department discusses the details of the feedback with the individual faculty.
- The faculty members with unsatisfactory feedback are advised and supported with valuable suggestions.
- The oral feedback from faculty as well as group of students is considered to improve the overall teaching of the subject from the next academic year.
- Thus the feedback questionnaire helps to make a comprehensive analysis of the Teaching faculty.

2.5 Evaluation Process and Reforms

2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?

The evaluation process is designed by Anna University (AU) and it is made available in Anna University web portal. The students evaluation process is thoroughly discussed in the HODs' meeting with principal as well as in class committee meetings with students. All the circulars regarding (IAEs') and end semester examination schedule are displayed in the notice boards



2.5.2 What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the institution on its own?

The institution has structured an Internal Exam cell and External Management System (EMS) separately which coordinates the conduct and evaluation of Internal and External examinations.

Internal Exam cell:

- Coordinators are appointed from each department to conduct the IA
- All the circulars regarding IAs' are displayed in the notice board
- Internal assessment is conducted as per the AU pattern
- IA question papers with scheme of evaluation are given to concerned Internal exam cell coordinator 3 days before the commencement of the exam
- For Internal examinations, the evaluation processes are designed by the Internal examination centre

2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?

Our institution conducts IA as per the pattern followed for the university examinations. The students are given training in time management so that they can make use of 3 hours effectively.

Faculty members correct the answer scripts scrupulously and point out the mistakes so that the students can rectify them. This practice has obviously resulted in a better academic performance of the students.

2.5.4 Provide details on the formative and summative assessment approaches adopted to measure student achievement. Cite a few examples which have positively impacted the system.

- Practice tests (slip tests) are conducted on every alternate day for helping students to secure more marks in IA.
- University question paper patterns are explained thoroughly so that the students can prepare well for slip tests. Absentees and those who get low marks in slip test are made to appear for the retest.
- IA papers are corrected within 3 working days and answer scripts are distributed to the students and discussed in the class for further improvement.
- IA marks are informed to parents through phone. Retests are conducted for absentees if the students have a genuine reason for their absence in IA.
- The attendance and IA marks are updated in the web portal of AU every month as directed by the university.

2.5.5 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills etc.

There is complete transparency in the Internal Assessment. For recording IA marks a specific software (ROVEN) is being used, which helps the respective class advisors to prepare the consolidated mark lists, without any room for errors. Institution organizes value added programs through the centre for up skilling (CUE) to improve the behavior aspects, communication skills etc. The students are encouraged to learn independently by giving projects, paper presentation and to take seminars in classes.

There is a mentor for every 20 students to monitor them closely, the students share and clarify their academic doubts and the difficulties they face in the subjects. Slow learners are identified and remedial classes are taken to improve their performance.

2.5.6 What are the graduate attributes specified by the college. affiliating university? How does the college ensure the attainment of these by the students?

- Personality development classes are conducted so that the students can groom themselves and attain perfection as engineering professionals.
- We conduct regular programmes on soft skills and career skills which ultimately result in better employability of the students in the MNCs and other organizations.
- Leadership qualities, time management, team work, Inter personal skills are enhanced and the students adapt themselves according to the changing needs of the competitive world.
- Aptitude classes are conducted periodically so that the students can appear for the GATE exams and other exams. They are trained to take up GD, Presentation to meet the global needs.
- Value added programs are also assigned as a part of their curriculum, which enable them to understand and improve their career prospects.

2.5.7 What are the mechanisms for redressal of grievances with reference to evaluation both at the college and University level?

In the AU examinations, if the questions are tough or out of syllabus, soon after the exam, the representation is forwarded to the exam cell with the knowledge of the Principal and it is sent to the AU Chennai for necessary remedial action. The students can view their IA marks in the Anna university web portal using their respective login IDs.

After publishing the result, if the student has performed the exam well, but not satisfied with his result, he has a provision to apply for re-evaluation with the recommendation of the HOD & principal. This system facilitates and helps the students to improve their percentage.

2.6. Student performance and Learning Outcomes

2.6.1. Does the college have clearly stated learning outcomes? If 'yes' give details on how the students and staff are made aware of these?

- The learning outcomes are clearly outlined for all branches of study existing in the college. These outcomes are disseminated to the students concerned through course delivery plans. Course delivery plans along with academic schedule and calendar for every course is made available to the students. Hard copies are also circulated to the students.
- From college website, library, office the students get their learning outcomes and also from their respective department.
- To generate consciousness about course objective, course outcome, programme objective and learning outcome induction programs are conducted for the freshly and recently enrolled faculty members
- Students get clear idea about the objective and outcome of that particular subject through faculty guidance in addition to getting clarification regarding the relationship between course outcomes and learning outcome.

2.6.2 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course.programme? Provide an analysis of the students results.achievements (Programme.course wise for last four years) and explain the differences if any and patterns of achievement across the programmes.courses offered.

- The academic performance of every individual student is updated regularly in separate counseling record of a student.
- The regularity of the students is supervised via recording their attendance in all classes
- At regular time interval, the internal assessment tests as well as class tests are conducted and result analysis for each subject is prepared by the faculty handling the relevant subject.
- The students profiles are updated with their performance, based on which the mentors observe their routine and guide them properly.

- Test analysis for Internal Assessment Test and University Exams is very convenient to screen the student performance and adopt different approaches for their improvement. Parents are called in-person if student attendance is less than 75% and requested to contact their respective HOD and faculty advisor to improve the attendance of their wards.
- All the Internal Assessment Tests and University Exam Results of the students are notified to the parents through phone calls.
- The class advisors record complete result analysis for the whole class by means of the comparison of results in the previous years.
- Three class committee meetings are piloted for every semester to ensure that the objectives are achieved. Principal takes remedial action, if necessary. Additional coaching classes are steered for slow learners.
- Special coaching is arranged for the slow learners even after functioning hours as well as on holidays. Parents of such students are called to meet their respective faculty member, if necessary.
- The constant assessment, innovative teaching practices used by the faculty members, periodical counseling and motivation given by the administration result in an average of nearly 80% results in most of the departments.

University Result analysis –Graduate pass percentage (UG)

Course	Batch	No. of students appeared	No. of Students graduated with in minimum period	% of graduation
B.E Civil Engineering	2010-2014	28	13	46.42
	2011-2015	69	43	60.8
B.E Computer Science and Engineering	2009-2013	31	19	61.29
	2010-2014	61	43	70.49
	2011-2015	57	36	63.14
B.E Electronics and Communication Engineering	2009-2013	58	51	87.93
	2010-2014	65	49	75.38
	2011-2015	112	76	67.85
B.E Electrical and Electronics Engineering	2009-2013	54	37	66.67
	2010-2014	69	51	71.01
	2011-2015	49	26	48.97
B.E Mechanical Engineering	2009-2013	68	55	81.25
	2010-2014	72	58	80
	2011-2015	76	73	95.8

University Result analysis –Graduate pass percentage (PG)

Course	Batch	No.of students appeared	No. of Students graduated with in minimum period	% of graduation
M.E Computer Science and Engineering	2011-2013	18	13	72.22
	2012-2014	18	15	83.33
	2013- 2015	17	17	100
M.E Structural Engineering	2012-2014	17	13	76.47
	2013-2015	18	15	83.33
M.E Power Electronics & Drives	2013-2015	10	9	90.00
M.E VLSI Design	2012-2014	12	11	91.66
	2013-2015	16	15	93.75

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

College implements different approaches to enable the success of the intended learning outcomes. These strategies include:

Teaching Strategies

- Faculty members are instructed to prepare the course file for all subjects which comprise syllabus, lesson plan, question bank with previous year question papers, important questions as well as hand-written notes.
- HODs observe the movement of syllabus by inspecting the course file on periodical basis.
- Books in the library are obtained based on the syllabus and then circulated to students. HODs assess the teaching standard of faculty members and based on that, counseling is given for upgrading, if necessary.
- Workshops, trainings and Faculty development programs are organized by the institution regularly.
- Periodic appraisals are carried out by HOD as well as by Principal to keep in track of the programme objectives through course outcomes and acknowledged learning outcomes. Remedial activities are engaged if any abnormalities are seen at the time of review.

Learning Strategies

- Industry visits are organized for the students to know about the industrial procedure, details of innovative equipment used in the industry and job opportunities.
- Internship training and In plant training enhance the student understanding in the area of plant working environment, team work, as well as in detecting resolution for existent problems.
- Students are stimulated to present the papers in national and international conferences to share their knowledge with others and acquire new ideas from specialists. This knowledge will direct the students to prepare for the projects.
- Guest lectures, Leaders talk and workshops are organized to improve the students' knowledge in the technical areas. Students are offered guidance in organizing and directing technical and non technical programs to cultivate their leadership talents in diverse areas. The students are encouraged to take part in co-curricular activities.

Assessment strategies:

- The questions for internal examination are prepared with the help of previous year question papers.
- Frequent project reviews are conducted by experienced staff.
- Classroom interactions help teachers to assess the learning outcome of that session
- Library issues books through book bank to every student before the commencement of each semester. Apart from these books, books on general topics are also issued to the students for prescribed time.
- Every department has its technical society. association which conducts different events for enhancing the creative talent of students
- The institution also has mentoring sessions, grievance cell to cater to the diverse requirements of the students.
- On line assessment tests and GDs are conducted, by placement and training cell.
- The placement and training cell of the institution nurtures the entrepreneurial skills of the students, and encourages students in public speaking and GD through personality development programs.
- The science and humanities department encourages students in creative writing, vocabulary and language exercises.
- Guest lectures, workshops, seminars and conferences are conducted by every department for graduate and post graduate students.

- The physical education department encourages the students to participate in various sports to develop sportsmanship in them.

2.6.4 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (student placements, entrepreneurship, innovation and research aptitude developed among students etc.) of the courses offered?

The institution takes up the following measures to boost the social and economic importance of the courses offered:

- The Placement and Training cell pays attention to the placement activities. Placement hours are included in the regular time table and experts are invited to train the students in technical, problem solving, language skills and personality traits development.
- Institute organizes student technical symposium for each department in which the students' free enterprise is established and an opportunity is given to show their buried skills in organizing the program.
- Students attended the research project competition organized by various colleges and Universities.
- Students are encouraged to participate in activities for social and community service, through NSS, YRC.

2.6.5 How does the institution collect and analyze data on student performance and learning outcomes and use it for planning and overcoming barriers of learning?

- Conduct of regular meetings by the Principal helps to identify the complicated problems in the department and investigate the hurdles faced every now and then.
- Feedbacks from the students and alumni opinions are collected regularly. Feedbacks collected are evaluated and the problems are sorted out by the Principal in the regular meetings conducted with Deans/Heads of the Department and the remedial measures/proposals are taken up.
- Counseling is given regularly to encourage the students and boost the morale of slow learners.
- The College analyses the data on student learning outcomes through class committee meetings, Examination cell and Placement cell. After each placement drive, feedback is taken from the employers about the students' performance. Based on the report received, successive batches of students are given due coaching and training.

2.6.6 How does the institution monitor and ensure the achievement of learning outcomes?

- The Institute has a scheduled mechanism of monitoring the success of learning

outcomes. The semester programme is planned at the commencement of the semester which includes schedule of internal assessment tests, dispatch of their reports to parents and completion of the syllabus.

- Internal Assessment Tests and University examinations are conducted based on the circular given by the university and same is circulated to students well in advance. Assignments and laboratory experiments are planned to complete within the given duration.
- Attendance of the students is calculated for all assessment periods and same is uploaded in the university website and communicated to the students.
- Organizing numerous programs like seminar, workshop, conference and resource lectures to meet the students requirements through an effect use of webinars and other learning materials.
- Various students competitions are conducted to improve their skills in co- curricular activities, sports, and social activities.
- Counseling is given to slow learners. Parents of such students are called to meet their respective faculty member, if essential. As the whole lab progresses are continuously assessed, students who lag in these courses are given supplementary help and guidance. They are also given additional lab practice. The faculty members are motivated to conduct surprise tests, quizzes, etc. to monitor the academic progress of each student.

2.6.7 Does the institution and individual teachers use assessment, evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning? If 'yes' provide details on the process and cite a few examples. Any other relevant information regarding Teaching-Learning and Evaluation which the college would like to include.

- Yes, the Institution and individual faculty members do use assessment. Evaluation outcomes as an indicator for evaluating student performance and achievement of learning objectives. It is used in planning necessary corrective measures in case of deviation from the expected outcome.
- General feedbacks about the students are evaluated through an evaluation process, and the faculty gets an idea of the overall feedback and then classes are formulated further for the better performance of the students.
- The Assessment and evaluation outcomes help in achieving the learning objectives of the institution.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Does the institution have recognized research centers of the affiliating University or any other agency/organization?

Computer Science Engineering and Science & Humanities departments are working towards obtaining recognition for R&D centers

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

Yes, the institution has a Research Committee to monitor and address the issues of research activities. The committee consists of the Principal, Dean (Mechanical Sciences), HoDs and a few senior faculty members. The committee encourages the faculty members to enroll for Ph.D. programmes in their fields of interest. They are also encouraged to apply for minor/major research projects.

S.No	Name of Member	Designation
1	Dr. P. Prakasam	Principal
2	Dr. M.K.Saseetharan	Professor. Civil
3	Dr. G. Bansal Rajkumar	Dean (Mechanical Sciences)
4	Dr. Sudhakar Gummadi	Professor.CSE
5	Dr. Pradeep Kumar	Professor.CSE
6	Dr. S. S. Kanmani	Associate Professor.S&H

The following Recommendations are given by the research committee:

- To establish Research Centre in all the Departments.
- To submit proposals to the funding agencies for conducting National/International conferences, seminars and workshops with the state-of-the-art technology.
- To motivate the faculty for registering for Ph.D. programmes.
- To evaluate the progress of Research Scholars.
- To inculcate the spirit of research and consultancy among the faculty.
- Incentive for publications.
- Special increment on completion of Ph.D.
- Sponsorship for attending conferences/workshops/seminars.

Impact of the Recommendations:

- All the departments are preparing to apply for recognition of Research Centre.
- More than two research proposals were submitted to various funding agencies.
- Twenty faculty members are pursuing doctoral degree.
- Annual technical Conferences are planned by all Departments.

3.1.3 What are the measures taken by the institution to facilitate smooth progress and implementation of research schemes, projects?

- Autonomy to the principal investigator
- Timely release of resources
- Adequate infrastructure and human resources
- Time-off, reduced teaching load, special leave etc. to teachers
- Support in terms of technology and information needs
- Facilitating timely auditing and submission of utilization certificate to the funding authorities

Any other

The college encourages the faculty to apply for research grants to various funding agencies such as AICTE, UGC, DRDO, CSIR, DST, TNSCST, etc.

Autonomy of the Principal investigator

Principal investigator enjoys the autonomy and he/she is the prime person implementing the plan of execution of the project. The Heads of the departments cooperate with the principal investigator whenever needed.

The Principal Investigator/Chief Coordinator is given autonomy for the following that come under the purview of his investigation.

- Creating infrastructural facilities
- Purchase of equipment
- Manpower recruitment
- Operation of funds-recurring and non-recurring
- Travel for attending research related programmes

Funds are routed through the department of finance based on the request of the investigator. Other necessary and additional resources are provided by the management.

Timely availability or release of resources

The institution ensures the timely availability of resources for the execution of the projects as per plan.

Adequate infrastructure and human resources

The research centers of the college are equipped with research laboratories, adequate work space, and power, computing facilities, internet connection (both wired and wireless) and support from administrative staff to the investigators of the research projects. If exclusive human resources are needed, the principal investigator can advertise and recruit.

Time-off, reduced teaching load, special leave etc. to teachers

Faculty members who pursue research are provided special leave such as on duty, paid leave and permission as and when the need arises. Their teaching workloads are adjusted and reduced if necessary, so as to enable them to finish the work in time. Study leave is provided to carry out research work. Leave on duty is provided to attend doctoral committee meetings, viva voce, presentation and other research related activities.

Support in terms of technology and information needs

The departments provide facilities such as personal computer with internet connectivity, Wi-Fi, LAN, on-line and digital resources, access to e-journals etc. Faculty members are encouraged to procure various research related software, technical books, equipment, etc. to cater to their needs.

Facilitate timely auditing and submission of utilization certificate to the funding agencies.

The institution employs a Certified Auditor to provide utilization certificate for the expenditure incurred on the project. The service of the institute administrative staff is extended for the preparation and submission of utilization certificates in time.

Any other

The institute appreciates and gives due weightage to the faculty members who complete their research and awards them suitably. Research publications are honoured with cash awards.

3.1.4 What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?

United Institute of Technology organizes National and International conferences periodically for enlightening the students on Research and Innovation. During such occasions, students are exposed to the success stories of organizations doing research. Faculty members are encouraged to take part in the conferences that are organized by the premier institutions in the country and abroad. The students are also motivated to take part as joint authors to present scientific papers in National and International conferences.

S.No	Students - Participation Details	2012-2013	2013-2014	2014-2015	2015-2016	Total
1	Paper Presented in National Level Technical Symposium	26	27	32	12	97
2	Papers Presented in National. International Conferences	2	45	22	08	77
3	Participation in Workshop,software debugging,quiz& Other events	22	56	37	24	139

Students are motivated to assist and support the faculty members in submitting R&D proposals to the funding agencies. Students in turn, prepare research papers and participate in seminars, conferences and symposia. Students associate with faculty for funded projects, avail Internship and are motivated to do projects beyond curriculum. Apart from this, the students are encouraged to actively participate in various committees of the academic events, and it helps them to interact closely with the invited experts from various parts of the country.

Visits to leading research institutions are arranged to explore various opportunities for the students to take research as a career. All these efforts have ignited scholastic aptitude among students. To trigger scientific temper and aptitude, the institution arranges MOUs, industrial visits, in-plant training and internships for the students through the departments.

Students have published research papers with faculty members in National . International Conferences and Journals. Students' participation in research oriented seminars and workshops at state and National level is encouraged by providing appropriate financial support and leave on duty. Educational tours, industrial tours, field trips, sample surveys are conducted to inculcate a scientific temper and research culture.

3.1.5 Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual.collaborative research activity, etc.

The institute identifies faculty with the potential for guiding research and for doing research in various departments. Two faculty members are guiding more than ten research scholars. The faculty members are actively involved with students and pursue projects and publication of papers. Twenty faculty members are involved in individual research activity.

The institute submits proposals to various funding agencies to strengthen the individual.collaborative research.

S.NO	Research Supervisors	No. of Scholars
1	Dr. P. Prakasam	8
2	Dr.M.K.Saseetharan	1
3	Dr. R. Pradeep Kumar	2
4	Dr.K.S.Amirthagadeswaran	7

Faculty involvement in Active Research

S.NO	Faculty	Department	Area of Specialization
1	Mrs. K. Sridevi	CIVIL	Ferro Cement

2	Mr. P. Mahakavi	CIVIL	Fibre Reinforced SCC
3	Ms.S.Mythili	CSE	Data Mining
4	Ms.D.Sathyavani	CSE	Data Mining
5	Ms. K. Sashi Rekha	CSE	Data Mining
6	Ms. S. Kowsalya	CSE	Image Processing
7	Ms. A. Kousalya	CSE	Cloud Computing
8	Ms.D.Saranya	CSE	Data Mining
9	Ms. D. Gokila	ECE	VLSI
10	Ms.D.Synthia	ECE	Medical Imaging
11	Mr.S.Udhayakumar	ECE	Image processing
12	Mr. S. Siva Ramakrishnan	ECE	VLSI
13	Mr. S.K. Pravin Kumar	ECE	Image Processing
14	Mr. C.R. Rathish	ECE	Networking
15	Mr. D. Somusundram	Mechanical	Thermal
16	Mr.C.R. Raajesh Krishna	Mechanical	Composite Materials
17	Mr. P.Sathish Kumar	Mechanical	Composite
18	Mr. D. Finney Charles	Mechanical	Composite
19	Mr. C. M. Anand Partheeban	Mechanical	Composite
20	Mr. S. Om Prakash	Mechanical	Engineering Design
21	Mr. C. Sarvana Murthi	Mechanical	CAD.CAM and
22	Mr. K. Chinnarasu	Mechanical	Composite Materials
23	Mr. P. Jeevanantham	Mechanical	Engineering Design
24	Mr. R.Karthik	Mechanical	Manufacturing
25	Mr.S.Balakrishnan	Mechanical	Composite Materials
26	Mr.K.Murthusamy	Mechanical	Industrial
27	Mr.D.Deepak	Mechanical	Engineering Design
28	Mr.A.Aravinthkumar	Mechanical	Lean Manufacturing
29	Mr. A.R. Vidhya kumar	S&H	CFD
30	Ms. A.Malarselvi	S&H	Fluid Dynamics
31	Ms. S.Sharmila	S&H	Topology
32	Ms. A.Yasotha	S&H	Differential Equations
33	Ms. K.Premalatha	S&H	Indian Writing in English
34	Ms. S.Harini	S&H	Indian Writing in English
35	Mr. B.Gokul	S&H	Magnetic Nano Particle
36	Mr. H.Shahul Meeran	S&H	Coordination Complex
37	Ms. N.Subashini	S&H	Queueing Theory

3.1.6 Give details of workshops, training programmes, sensitization programmes conducted, organized by the institution with focus on capacity building in terms of research and imbibing research culture among the staff and students.

The college periodically conducts various programmes namely workshops. training programmes. sensitization programmes with a focus to strengthen the research culture among faculty and students. In addition, the programmes organized by the University and other institutions are displayed in the notice boards. The details of the activities carried out by the institution during the last four years to imbibe research culture are given below. Workshops. Training Programmes. sensitization programmes Conducted. Organized

S.No	Department	Workshop / Training Programme	Guest Lecture	Seminar	Symposium	Conference
1	Civil	10	16	-	1	-
2	CSE	11	15	9	2	1
3	ECE	5	5	17	2	1
4	EEE	3	-	6	1	-
5	Mechanical	12	-	3	3	-
6	S&H	-	-	-	-	1

CIVIL ENGINEERING

Year	Seminars / Conferences / Workshops	N / I	Title	Date	Funding Agencies
2012 - 2013	Workshop	N	Fundamental of House.Domestic Wiring	26.06.2012	ACE
	Workshop	N	Fundamentals of plumbing, Demonstration on Plumbing & Practical Training	27.06.2012 - 28.06.2012	ACE
	Special Lecture	N	Student Chapter of The Indian Concrete Institute	09.03.2012	ACE
	Special Lecture	N	Student Chapter of The Indian Concrete Institute	09.03.2012	ACE
	Special Lecture	N	Student Chapter of The Indian Concrete Institute	09.03.2012	ACE
	Special Lecture	N	Durability of concrete	14.08.2012	ACE
	Special Lecture	N	Special concrete	28.02.2013	ACE
	Workshop	N	Latest development in the Civil Software – ANSYS Civil, Revit, Primavera & 3D max softwares	04.03.2013 - 05.03.2013	ACE
	Guest Lecture	N	launched the SMS on “Tips on Concrete”	14.08.2012	ACE
2013 - 2014	Special Lecture	N	Public Awareness	14.03.2014	Nuclear Power Corporation of India, Kudankulam
	Workshop	N	Intrafest	27.02.2014	ACE
2014 - 2015	Guest Lecture	N	Recent Trends in Construction	12.09.2014	ACE
	Work shop	N	“Reinforcement Detailing”	23.07.2014 To 27.07.2014	ACE
	Special Lecture	N	“Construction Practices”	05.08.2014	ACE
	Special Lecture	N	Awareness on Codal Provisions	12.08.2014	ACE
	Special Lecture	N	Special Cement & its Properties	11.03.2015	ACE

	Workshop	N	“Seismic Analysis & Design optimization of High rise Building using ANSYS – Software”	22.02.2015	ACE
2015 - 2016	Workshop	N	Quality Control of Concrete Seminar	25.06.2015	UIT
	Workshop	N	Quality Control of Concrete -Practical	26.06.2015	UIT
	Workshop	N	Cost Control of Concrete for Nominal Mix -Practical	30.06.2015	UIT
	Special Lecture	N	Construction Chemicals	18.06.2015	UIT
	Guest Lecture	N	Personality Development	05.06.2015	UIT
	National Level Technical Symposium	N	ZAARVIK ‘15	04.09.2015	Ultra Tech Cements Pvt Ltd
	Guest Lecture	N	Engineers’ Day	15.09.2015	UIT
	Training Programme	N	Total Station	01.12.2015	UIT
	Guest Lecture	N	IGBC and Students Activity	04.02.2016	UIT
	Guest Lecture	N	Awareness about green building	04.02.2016	UIT

COMPUTER SCIENCE AND ENGINEERING

Academic year	Seminar/ conference/ workshop	N / I	Title	Date	Source of funding
2012 - 2013	Guest Lecture	N	Network Security	19.07.2012	ACSE
	Guest Lecture	N	.Dot net programming	06.08.2012	ACSE
	Seminar	N	Seminar on Linear data structures	23.08.2012	ACSE
	Guest Lecture	N	MANET	10.09.2012	ACSE
	Guest Lecture	N	Software Testing	10.10.2012	ACSE
	Conference	I	International Outreach	19.02.2013 & 20.02.2013	ACSE
	Guest Lecture	N	Guest Lecture on php	12.3.2013	ACSE
	Seminar	N	One day seminar on Information security & ethical hacking	14.03.2013	ACSE
	Conference	N	Advancements in computing	21 .03.2013 & 22.03.2013	ACSE
	Guest Lecture	N	Java Programming	22.04.2013	ACSE

	Guest Lecture	N	Distributed Computing	28.4.2013	ACSE
2013 – 2014	Guest Lecture	N	Cyber Security	15.7.2013	ACSE
	Seminar	N	Two day seminar on Symbolic Database & Pattern Recognition	23.8.2013 & 24 .8.2013	ACSE
	Guest Lecture	N	Web services	4.09.2013	ACSE
	Workshop	N	One day workshop on Wired & Wireless Networks using NS-3	14.9.2013	ACSE
	Workshop	N	One day workshop on PC hardware & trouble shooting	21.9.2013	ACSE
	Symposium	N	UTSAV-13	26.10.2013	ACSE
	Workshop	N	Two day workshop on Network Design	15.11.2013 & 16.11.2013	ACSE
	FDP	N	FDP on Network Lab	16.11.2013	ACSE
	FDP	N	Faculty development programme on FOSS	3.12.2013 & 4.12.2013	ACSE
	Seminar	N	One day seminar on “Image Segmentation”	10.12.2013	ACSE
	Guest Lecture	N	Wireless Sensor Networks	13.01.2014	ACSE
	Workshop	N	Two day workshop on National network security competition	10.2.2014 & 11.2.2014	ACSE
	Guest Lecture	N	Web designing	17.02.2014	ACSE
	Workshop	N	One day workshop on Basics of java & HTML	14.02.2014	ACSE
	FDP	N	OS design – CASE STUDY	14.03.2014 & 15.03.2014	ACSE
	Guest Lecture	N	Multi core Architectures	26.03.2014	ACSE
	Seminar	N	One day seminar on Isolation and classification of vehicles from traffic videos	14.04.2014	ACSE
2014 –	Guest Lecture	N	Client server Computing	22.07.2014	ACSE
	Seminar	N	One day seminar on Medical data mining	18.8.2014	ACSE
	Workshop	N	One day workshop on Web fundamentals	11.9.2014	ACSE
	Workshop	N	One day workshop on Recent trends in IT	13.09.2014	ACSE
	Workshop	N	One day workshop on Web	13.09.2014	ACSE

2015			designing		
	Seminar	N	One day seminar on Image Processing	17.10.2014	ACSE
	Seminar	N	One day seminar on Cloud Computing	6.1.2015	ACSE
	Guest Lecture	N	Fuzzy logic And Fuzzy systems	19.2.2015	ACSE
	Symposium	N	UTSAV-15	27.2.2015	ACSE
	Guest Lecture	N	Software Project management	19.3.2015	ACSE
	Seminar	N	One day seminar on big data	02.04.2015	ACSE
2015 - 2016	Guset Lecture	N	Guest Lecture in Network Security	20.07.2015	CSE Association
	Workshop	N	Workshop on Photoshop tools	01.08.2015	CSE Association
	Guset Lecture	N	Guest Lecture on Data Mning	18.08.2015	CSE Association
	Guest Lecture	N	Guest Lecture on MANET	15.09.2015	CSE Association
	Guest Lecture	N	Guest Lecture on Wireless sensor Network	22.09.2015	CSE Association
	Workshop	N	Workshop on Network simulation using NS 2	20.02.2016	CSE Association
	Workshop	N	Workshop on Date warehousing and OLAP Tools	04.03.2016	CSE Association
	Workshop	N	Application Development using C# and .NET Framework	04.03.2016	CSE Association
	Symposium	N	UTSAV-16	19.03.2016	CSE Association
	Guest Lecture	N	Guest Lecture on Soft Computing	10.03.2016	CSE Association
	Guest Lecture	N	Guest Lecture on Cloud Computing	12.04.2016	CSE Association

ELECTRONICS AND COMMUNICATION ENGINEERING

Year	Seminars / Conferences / Workshops	N / I	Title	Date	Funding Agencies
2012 - 2013	Guest Lecture	N	Soft skills	17.08.2012	UIT
	Workshop	N	National Level Workshop on Wired and Wireless Networks Design using NS-3 and Wireless Networks Design using	31.08.2012-01.09.2012	AECE
	Workshop	N	National Level Workshop on circuit simulation and PCB Design using Pspice and EDA Tools.	06.09.2012-07.09.2012	AECE
	Workshop	N	National Level Workshop on Circuit simulation and PCB Design using EDA	10.09.2012-11.09.2012	AECE
	Paper Presentation	N	Embedded Systems	13.09.2012	AECE
	Seminar	N	Image Processing	15.09.2012	UIT
	Paper Presentation	N	Embedded Systems	24.12.2012	AECE
	Presentation	N	Project Presentation	27.12.2012	AECE
	Seminar	N	MASM Software	03.1.2013	UIT
	Seminar	N	Keil-uision software	07.1.2013	UIT
2013 - 2014	Symposium	N	ECE Symposium SPONTANZ 13	18.03.2013	AECE
	Workshop	N	PCB Design	22.01.2014	AECE
	Presentation	N	Project Presentation	27.01.2014	AECE
	Seminar	N	Embedded Systems in Robotics	5.02.2014	UIT
	Special Lecture	N	Network Security	28.01.2014	UIT
	National Level Conference	N	Emerging Trends in VLSI	26.02.2014	AECE
	Paper Presentation	N	Wireless Networks Using NS-2 Simulator	03.03.2014	AECE
	Presentation	N	Segmentation in Image Processing	10.03.2014	AECE
	Seminar	N	Antennas and its	18.03.2014	UIT
	Presentation	N	Career Development	24.03.2014	AECE
	Guest Lecture	N	Analog and Digital VLSI Design system	02.04.2014	UIT
	Workshop	N	Internet Protocol IPv6	03.06.2014	AECE
	Seminar	N	Advanced Microprocessors and Microcontroller	10.06.2014	UIT

2014 - 2015	Presentation	N	Computer Networks	19.06.2014	AECE
	Paper Presentation	N	Electromagnetic Fields	02.06.2014	AECE
	Guest Lecture	N	Signals and Systems	09.06.2014	UIT
	Presentation	N	Project Presentation	14.07.2014	AECE
	Seminar	N	Feko Software in Antenna Design	06.08.2014	UIT
	Guest Lecture	N	How to do Research	20.08.2014	UIT
2015 - 2016	Symposium	N	ECE Symposium SPONTANZ 15	06.02.2015	AECE
	Workshop	N	Mobile servicing by new technologies	29.02.2016 & 01.03.2016	AECE
	Workshop	N	Networking by a2b2 solution	29.02.2016 & 01.03.2016	AECE
2016	Workshop	N	Mobile servicing by new technologies	17.02.2016 & 18.02.2016	AECE

ELECTRICAL AND ELECTRONICS ENGINEERING

Academic Year	Seminars / Conferences / Workshops	N / I	Title	Date	Funding Agencies
2012 - 2013	Seminar	N	Guest Lecture on Recent trends in Electrical Engineering	04.09.2012	AEEE
	Seminar	N	Guest Lecture on Role of software in power system	28.02.2013	EEE
	Seminar	N	Guest Lecture on Demand side Management to meet out power crisis	13.03.2013	UIT
2013 - 2014	Workshop	N	Two days summit on ATMEL XMEGA Microcontrollers	10.10.2013	AEEE
	Workshop	N	Hands-on training of Embedded System – PIC	08.01.2014 09.01.2014 20.01.2014 10.03.2014 11.03.2014	UIT
2014 -	Symposium	N	EEE Symposium CRATUS' 15	04.03.2015	AEEE

2015					
2015 - 2016	Seminar	N	Seminar on Industrial Automation and Robotics	20.02.2016	EEE Association
	Workshop	N	Workshop on Mobile Servicing	03.03.2016 & 04.03.2016	EEE Association
	Symposium	N	ELECTROFEST' 16 For polytechnic students	12.03.2016	UIT, SALZER ELECTRO NICS & EEE Association

MECHANICAL ENGINEERING

Year	Seminars / Conference / Workshops	N / I	Title	Date	Funding Agencies
2012 - 2013	FDP	N	FDP on To be a better faculty	04.06.12, to 06.06.12	AU
	Workshop	N	Mechanical Carnival	21.09.2012	AME
2013 - 2014	Workshop	N	Mechanical Friendly Machines and soft skills	31.08.2013	AME
	Workshop	N	Pyramid Quality System	05.09.2013	AME
	Workshop	N	Mechanical Carnival	28.02.2014	AME
	Workshop	N	Aerodynamics design and Collision Testing of vehicle. Aircraft using Explicit dynamics and CFD	21.02.2015	AME
	Workshop	N	National level robotics championship.	20.02.2014 – 21.02.2014	AME
2014 - 2015	Seminar	N	Training on pedagogy	18.06.2014	AME
	Workshop	N	Mechanical Carnival	06.03.2015	AME
2015 - 2016	Seminar	N	Industrial Automation	13.02.2016	AME
	Workshop	N	Robotics and Automation in Industries - 16	16.03.2016	AME
	Seminar	N	Smart Manufacturing Process	01.04.2016	AME
	Symposium	N	Mechanical Carnival V.4.0	07.04.2016	AME

SCIENCE AND HUMANITIES

Year	Seminars / Conferences / Workshops	N / I	Title	Date	Funding Agencies
2013 - 2014	Conference	N	Recent Advancements in Science and Humanities	22.03.2014	Private Sponsorship and UIT Trust

3.1.7 Provide details of prioritized research areas and the expertise available with the institution.

The institute encourages faculty to enrich their knowledge to be experts in their field of interest by providing enormous support. The numbers of experts available are listed below

S.No.	Faculty	Department	Area of Specialization
1	Dr. P. Prakasam	ECE	Communication Systems
2	Dr.K.S.Amirthagadeswaran	Mech	Manufacturing Engineering
3	Dr. G. Bansal Rajkumar	Mech	Welding
4	Dr. M.K.Saseetharan	Civil	Environmental Engineering
5	Dr.M.Palanisamy	Civil	Structural Engineering
6	Dr. Sudhakar gummadi	CSE	Networking
7	Dr. R.Pradeep Kumar	CSE	Networking
8	Dr.S.S.Kanmani	S&H	Nanomaterials
9	Dr.R.Udhayakumar	S&H	English Language Teaching
10	Dr.B.Gayathiri	S&H	Differential Equations

3.1.8 Enumerate the efforts of the institution in attracting researchers of eminence to visit the campus and interact with teachers and students?

CIVIL ENGINEERING

S. No	Name of the Eminent Resource Person	Institution.Industry	Purpose	Date
1	Er. A. Sudhahar	Dimensions Structural Consultancy, Coimbatore	Workshop	26.06.2012
		Dimensions Structural Consultancy, Coimbatore	Workshop	23.07.2014 - 27.07.2014
		Dimensions Structural Consultancy, Coimbatore	Workshop	25.06.2015 - 26.06.2015
		Dimensions Structural Consultancy, Coimbatore	workshop	30.06.2015
2	Mr. Rajarajan	Ramakrishna Mission Vidhyala, Coimbatore	Workshop	27.06.2012 & 28.06.2012
3	Er.Shri.M.Renganathan	ACCE (I), Coimbatore chapter	Special Lecture	9.03.2012

4	Er.Shri.R.Radhakrishnana,	Indian Concrete Institute	Special Lecture	9.03. 2012
5	Er.Shri.K.Jayasankar	ICI- Tamil Nadu Center	Special Lecture	9.03.2012
6	Er.A.P.Murugan	Ultratech Cements Ltd, Coimbatore	Special Lecture	14.08.2012
7	Mr. Arumugaperumal G	RMC Ready mix (India), Coimbatore	Special Lecture	28.02.2013
8	Mr. Abikalyan	CADD Centre	Workshop	4.03.2013 & 5.03.2013
9	Mr. S.Ganavelmurugan	Ultratech Cements Ltd, Coimbatore	Guest Lecture	14.08.2012
10	Er. S. Kalirajan	Nuclear Power Project, Kudankulam	Special Lecture	14.03.2014
11	Shri B Vijayakumar	Bhabha Atomic Research Centre, Chennai	Guest Lecture	14.03.2014
12	Shri B. Ramanathan	Nuclear Power Project, Kudankulam	Guest Lecture	14.03.2014
13	Er.G.Ganesan	COCENA	Guest Lecture, Quiz Competition	12.09.2014
14	Er.M.Elanthendral,	ACC Cements Ltd, Coimbatore	Special Lecture	5.08.2014
15	Er. Mahendran,	Masquare Deisners, Coimbatore	Special Lecture	12.08.2014
16	Mrs.Swapna Devendran,	Ambuja Cement Pvt. Limited	Special Lecture	11.03.2015
17	Mr. Akilyan	ARIS CAD Technology	workshop	22.02.2015
18	Mr. Santhosh V	BASF Chemical Ltd, Coimbatore	Special Lecture	18.08.2015
19	Prof Selvaraj	Govt Arts & Science, Coimbatore	Guest Lecture	05.07.2015
20	Thiru. D. Veerapathiran	Cebaca, Coimbatore	Special Lecture	04.09.2015
21	Er. B. Suresh	Chettinad Cement Corp Ltd	Guest Lecture	15.09.2015
22	Mr. N. Mohan Raj Assistant Professor	Karpagam College of Engg Coimbatore	Guest Lecture	04.09.2015
23	Mr. Naveen Mr. Deena	Dimensions Structural Consultancy	Training Programme	01.12.2012
24	Mr.Rajesh Blund	IGBC and Students Activity	Guest Lecture	04.02.2016
25	Mr.Hiran Prasanth	Awariness about green building	Guest Lecture	04.02.2016

COMPUTER SCIENCE AND ENGINEERING

S. No.	Name of the	Institution.Industry	Purpose of	Date
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	Academicians, Scientists	Designation	Visit	
1	Ms.S.Kalpana	Associate Professor, Department of Computer Science, Maharaja Engineering College, Tirupur.	Guest Speaker	9.7.2012
2	Mr.R.Ganesh,	Proprietor, C3 Technology, Coimbatore.	Guest Speaker	6.08.2012
3	Mrs.Punitha	Assistant Professor, Department of Computer Science, Adithya Institute of Technology, Coimbatore.	Seminar	23.8.2012
4	Mrs.K.Rajakumari	Assistant Professor, Department of Information Technology, SNS College of Technology, Coimbatore	Guest Lecture	10.09.2012
		Assistant Professor, Department of Information Technology, SNS College of Technology. Coimbatore.	Guest Speaker	22.07.2014
5	Ms.N.Geetha	Asst. Professor, Department of Information Technology, Maharaja Engineering College, Tirupur.	Guest Speaker	10.10.2012
6	Prof Dr. Sethu Vijayakumar	Professor of Robotics and Director of IPAB, School of Informatics, University of Edinburgh Professor of Computer Systems, School of Informatics, University of Edinburgh. SICSA Lecturer, Institute for Language, Cognition and Computation, School of Informatics, University of Edinburgh. SICSA Lecturer in Machine Learning, ANC, School of Informatics, University of Edinburgh.	Technical Speaker for Conference	19.02.2013 & 20.02.2013
	Prof. Dr. Michael Paul – Fourman FBCS			
	Dr. Sharon Gold water			
	Dr. Iain Murray			
7	Mr.Sivaraman	Project Manager, Amphisoft Technologies Private Limited,	Seminar	12.3.2013

		Coimbatore.		
8	Mr.R.Ganesh,	Proprietor, C3 Technology, Coimbatore.	Guest Speaker	22.04.2013
9	Mrs.M.Suguna	Assistant Professor, Department of Information Technology, SNS College of Technology, Coimbatore.	Guest Speaker	28.4.2013
10	Dr. P.Nagabhusan	Professor & Chief Nodal Officer, Mysore University.	Technical Speaker for workshop	23.08.2013 & 24. 08.2013
11	Ms.S.Vasumathy Kannagi	Assistant Professor, Department of Computer Science, Info Institute of Engineering, Coimbatore.	Guest Speaker	4.09.2013
12	Mr.R.Sridhar	CCIE (Security), Network Engineer	Technical Speaker for workshop	15.11.2013 & 16.11.2013
13	Mr. Baskar Selvaraj	Chief Executive Officer, LinuXpert Systems	Technical Speaker for FDP	3.12.2013 & 4.12.2013
14	Mrs.R.Aarthy	Assistant Professor (Sr.Gr), Amrita University, Coimbatore.	Technical Speaker for Seminar	10.12.2013
		Assistant Professor (Sr.Gr), Amrita University, Coimbatore.	Guest Speaker	14.04.2014
15	Dr.R. Periyasamy	Professor, Department of Electronics & Communication, KSR College of Technology, Thiruchengode,	Guest Speaker	13.01.2014
16	Mr.D.Shibin	Assistant Professor, Department of Computer Science, karunya University, Coimbatore.	Guest Speaker	17.02.2014
17	Mr. Baskar Selvaraj	Chief Executive Officer, LinuXpert Systems.	Technical Speaker for FDP	14.03.2014 & 15.03.2014
18	Mrs.S.Padmavathi	Asst. Professor, Department of Information Technology, Amrita School of Engineering, Amrita University.	Guest Speaker	22.03.2014
19	Ms.R.D.Priyanka	Assistant Professor, Department of Computer Science, Info Institute of Engineering, Coimbatore.	Guest Speaker	26.03.2014

20	Dr.S.Rajalakshmi	Associate Professor, Head of Department – CSE Jay Shriram College of Technology, Tirupur.	Seminar	18.8.2014
		Associate Professor, Head of Department – CSE Jay Shriram College of Technology, Tirupur.	Seminar	6.1.2015
21	Mr.J.Prabakaran	System Engineer, Infosys Ltd, Chennai	Technical Speaker	20.09.2014
22	Mr.Sivaraj	Director, Coimbatore Institute Of Information Technology, Coimbatore.	Guest speaker	17.10.2014
23	Mr.Kumaraesan	Assistant Professor, Department of Computer Science, Bannari Amman Institute of Technology, Coimbatore.	Guest speaker	12.11.2014
24	Mr.R.Christhuraj	Asst. Professor, Department of Information Technology, Adithya Institute of Technology.Coimbatore.	Guest Speaker	19.2.2015
25	Mrs.R.Sujitha	Asst. Professor, Department of Computer Science, Christ The King Engineering College, Coimbatore.	Jury for Symposium event	27.2.2015
26	Mrs.M.Suguna	Assistant. Professor, Department of Computer Science, Kumaraguru college of technology, Coimbatore.	Guest Speaker	19.03.2015
27	Mr.Rajaram	Assistant Professor, Department of ECE, Mahabarathi Engineering College, Salem.	Seminar	02.04.2015
	Mr.Komaraswamy	Assistant Professor, Department of CSE, Bannari Amman Institute of Technology, Sathyamangalam.	Guest Lecture	20.07.2015
		Assistant Professor, Department of CSE, Bannari Amman Institute of Technology,Sathyamangalam.	Guest Lecture	18.08.2015
28	Mr.Vignesh	Image Creative Solutions	Seminar	01.08.2015
29	R.Kalayarasi	Tamil Nadu Distance Education	Guest Lecture	15.09.2016
30	R.M.Bavadharini	SNS College of Technology	Guest Lecture	22.09.2015

31	Dr.Sangeetha Prof.R.S.Latha	Kongu Engineering College	Workshop	20.02.2016
32	Mr.Kannan	Interface Technologies Bangalore	Workshop	04.03.2016
33	Mr.Senthil	Poras Technologies	Workshop	04.03.2016
34	P.Jayaprakash	Sona College of Technology	Guest Lecture	10.03.2016
35	P.Siva Prakash	PPG Institute of Technology	Guest Lecture	12.04.2016

ELECTRONICS AND COMMUNICATION ENGINEERING

S.No	Name of the Academicians, Scientists	Institution / Industry	Purpose of Visit	Date
1	N.S.R.S Narayana murthy	Cognizant Technology Solutions,Pvt.Ltd, Coimbatore	Association Inaugural function	17.08.2012
2	Dr.D.Natarajan	Bannari Amman Institute of Technology, Sathyamangalam.	Guest Lecture on Embedded Systems	22.08.2012
3	Mr.V.R. Vijayakumar	Anna University Regional Center, Coimbatore.	Guest Lecture on Image Processing	29.08.2012
4	Mr.S.Thamrai kannan	Virtual Technologies, Coimbatore.	Guest Lecture on VLSI	05.09.2012
		Virtual Technologies, Coimbatore.	Microwind in VLSI	21.03.2014
		Virtual Technologies, Coimbatore.	Recent Trends in VLSI	17.09.2014
5	Mr.P.Balaji	Robert Bosch Pvt Ltd, Coimbatore.	Guest Lecture on Embedded Systems	13.09.2012
		Robert Bosch Pvt Ltd, Coimbatore.	Advanced Embedded Systems	28.02.2014
		Robert Bosch Pvt Ltd, Coimbatore.	Autonomous Vehicle	09.01.2015
6	Mr.R.Karthikeyan	HCLTechnologies Ltd, Chennai	Guest Lecture on Networking	03.10.2012
		HCLTechnologies Ltd, Chennai	Recent Trends in Networking	05.03.2014
7	Mr.N.Masilamani	Volvo India Pvt Ltd, Bangalore.	Mainframe	24.12.2012
8	Mr.C.Vinoth	Murugappas Group Pvt, Ltd, Coimbatore.	E-Commerce	03.01.2013
9	Mrs.H.Mangalam	Sri KrishnaCollege ofEngineering and Technology, Coimbatore.	Recent Trends in VLSI	24.01.2013
10	Mr.R.Doraiswamy	Salzer Electronics Ltd, Periyanaickenpalayam, Coimbatore.	Signing of MOU	06.01.2014
11	Mr.D.Thanuj Gopal	Rockman Industries Pvt.Ltd	SAP	10.01.2014

12	Dr.V.R.Vijayakumar	Anna University Regional Center, Coimbatore	National Level Conference	26.02.2014
13	Mr.R.Rajkumar	Ford Pvt Ltd, Chennai.	Instrument Cluster	01.03.2014
14	Mr.P.Manikandan	Ericson Pvt,Ltd, Bangalore.	Networking	04.03.2014
15	Mr.C.Vinoth	Murugappas Group Pvt, Ltd, Coimbatore.	Retail Marketing	29.03.2014
16	Mr.T.Prem Chandar	Cognizant Technology Solutions,Pvt.Ltd, Coimbatore	Software Testing	09.07.2014
17	Mrs.T.Suganya	Cognizant Technology Solutions Pvt.Ltd	Software Testing	23.07.2014
18	Mr.B.Ramprasad	Ernst & Young GSS, Kerala.	Supply Chain Management	05.08.2014
19	Mr. T.Selvashankar	Cognizant Technology Solutions, Pvt, Ltd, Coimbatore.	Main Frame	19.08.2014
20	Mr.P.Balamurugan	General Electric India Pvt Ltd, Coimbatore.	Medical Instruments	26.08.2014
21	Mr.K.Silambarasan	Embedtronics, Coimbatore.	ARM Processor	28.01.2015
22	Mr.B.Krishna Kumar	Director, New Technologies	Mobile Servicing	17.02.2016
23	Mr.Baldev Krishnamoorthy	a2b2 solutions	Internet Protocol IP v6	29.02.2016

ELECTRICAL AND ELECTRONICS ENGINEERING

S. No.	Name of the Academicians & Scientist	Institution / Industry	Date	Purpose of visit
1	Mr.S.Saravanakumar	Senior Software Engineer, Embedded Systems, Robert Bosch (Australia).	04.09.2012	Guest Lecture on Recent trends in Electrical Engineering
2	Mr.T.N.Siva Kumar	Director, Electronics & Control Corporation, Coimbatore.	04.09.2012	Guest Lecture on Recent trends in Electrical Engineering
3	Mr.B.Senthil Kumar	Project Engineer, CADD centre, Chennai.	28.02.2013	Guest Lecture on Role of software in power system
4	Er.Rajamani	Executive Engineer, TANGEDCO, Kadamparai Power House.	13.03.2013	Guest Lecture on Demand side Management to meet out power crisis
5	Mr.K.Senthil Viswanathan	Director, ATMEL (INDIA),	09.10.2013	Inauguration of ATMEL R&D Centre
6	Mr.S.Sundaramoorthy	Managing Director, Sunshiv Electronic	08.01.2014 09.01.2014	MOU with UIT & Hands-on training of

		Solutions, Coimbatore.	20.01.2014 10.03.2014 11.03.2014	Embedded System – PIC
7	Mr.V.Ragul	Senior Application Engineer,AXIS Global Automation Group of Companies,Coimbatore.	20.02.2016	Seminar on Industrial Automation and Robotics
8	Mr.Krishnakumar	Director, New technologies, Coimbatore.	03.03.2016 & 04.03.2016	Workshop on Mobile Servicing

MECHANICAL ENGINEERING

S.No	Name of the Eminent Resource Person	Institution/Industry	Purpose	Date
1	Mr. V.Amirtharajan	Course coordinator	Guest Lecture on Oil and Gas Refineries equipment inspection	07.07.2012
2	Mr. M.Kandhaswamy	Managing Director, Anandha fabrication	Guest Lecture & Inauguration of Association of Mechanical Engineering	18.07.2012
3	Mr. Pradeep	Managing Director, i-point consultancy	Guest Lecture on Product Promotion	20.07.2012
4	Mr. T.K. Karuppannaswamy	Managing Director, Bharani Hydraulics	Guest Lecture on AME Logo launching function	14.08.2012
5	Mr. S.K. Ramanan	Chief Consultant, PYRAMID QUALITY SYSTEM	Guest Lecture & Inauguration of Association of Mechanical Engineering	05.09.2013
6	Dr. K.S. Amirthagadeswaran	Professor and Head , GCT	Guest lecture on Recent trends in Mechanical Engineering	08.09.2014
7	Mr. S.Balraj	Workshop	Aerodynamic Design & Collision Testing Of Vehicle/ Aircraft Using Explicit Dynamic & CFD	21.02.2015
8	Mr. S.Rajesh	SKCT	Guest Lecture on Quality function deployment	12.09.2015
9	Mr. Chakravarthy kolli	General Manager, Mold Master Technology	Guest lecture & Inauguration on Association of Mechanical Engineering	16.09.2015

10	Mr. M.Sundar	Industrial Automation	Industrial Automation	13.02.2016
		Robotics and Automation Industrues	Robotics and Automation Industrues	16.03.2016
11	Mr. D.Balaguru	Smart Manufacturing Process	Smart Manufacturing Process	01.04.2016

SCIENCE AND HUMANITIES

S.No	Name of the academicians .Scientists	Institution.Industry	Date	Purpose of visit
1	Dr. Sheela Jayaraj	Ret.Professor of English Janson Institute of Technology.	01.08.2013	Orientation Programme
2	Dr.P.Kandaswamy	Prof& Head Department of Mathematics, Director , School of Mathematics&Statistics Dean, Research Coordinator UGC DRS centre for Fluid Dynamics,Bharathiar University.	01.08.2013	Orientation programme
3	Dr.A.K Abdul Hakeem	Assistant Professor of Mathematics Ramakrishna mission Vidyalaya Coimbatore.	02.08.2013	Orientation Programme
4	Dr.Kanagasababathy	Professor & Head of Maths and English ,Sri Ramakrishna Institute of Technology.	11.08.2013	Orientation Programme
5	Dr.Justin Ruban	Assistant Professor Coimbatore Institute of Technology.	16.12.2013	Seminar
6	Prof. M.Balasuramanian	Ret.Professor Sri Eshwar college of Engineering.	22.03.2014	Conference
7	Dr.P.Suresh Prabu	Director-Research Karpagam University.	11.08.2014	Orientation Programme
8	Dr.S Abraham john	Director, Centre for Nano Research, Gandhigram Rural, Deemed University Gandhigram.	11.08.2014	Orientation Programme
9	Dr.K.P Ilango	Professor in Chemistry, Info Institute of Technology.	12.08.2014	Orientation Programme

10	Mr.K.Kannan	Associate Professor in Mathematics, Hindusthan college Engineering and Technology.	11.02.2015	Orientation Programme
11	Dr.P.Chandra Sekar	Professor in Mathematics Nehru Institute Of Technology.	12.02.2015	Orientation Programme
12	Dr.S.Arunachalam	Professor in Chemistry Sri Krishna College of Engineering And Technology.	31.01.2015	Seminar
13	Dr.A.Chandramohan	Professor in Chemistry Sri Ramakrishna mission Vidyalaya Coimbatore.	02.11.2015	Orientation Programme
14	Dr.T.Nandha Gopal	Assistant Professor of Mathematics Ramakrishna mission Vidyalaya Coimbatore.	02.11.2015	Seminar

3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?

As the faculties pursue their PhD programs as part time candidates, no one has applied for sabbatical leave for research activities. Reduced teaching load and special leave on duty are given to twenty of faculty members for research activities. These faculty members have published many research papers in reputed journals and conferences contributing to further research and societal development.

3.1.10 Provide details of the initiatives taken up by the institution in creating awareness.advocating.transfer of relative findings of research of the institution and elsewhere to students and community (lab to land)

All Departments are conducting conferences and seminars to gain knowledge on emerging technologies in different sectors and to inculcate research idea among the students. The institution encourages the faculty members to publish research articles. The various research articles published by the faculty members in National.International journals are reaching the scholars. society through citations.

The research scholars are instructed to present before the faculty and students the progress made so far in their areas of research once in six months. The research scholars at the stage of submission of synopsis are also requested to make presentations of their research work

before an audience. Thus, an opportunity is created to the students and faculty to be aware of the findings of the research scholars of the institution.

S.No.	Research Publications by faculty members	2012	2013	2014	2015	2016
1	Papers published in National. International Journals	23	32	48	65	29

S.No.	Name of the Eminent Resource Person
1	Er. A. Sudhahar, Dimensions Structural Consultancy, Coimbatore
2	Er.Shri.R.Radhakrishnana, Indian Concrete Institute
3	Er.A.P.Murugan, Ultratech Cements Ltd, Coimbatore
4	Mr.Arunkumar Rayappan, Deputy Manager,HCL State Street Service

3.2 Resource Mobilization for Research

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

The college has a budget head for research activity and allocates funds for the purchase of necessary equipment, subscription of research journals, registration charges for participation in conferences and seminars. The Management also provides grants to organize conferences and seminars by various departments. In the total budget, 5% is allotted to encourage the research activities. Faculty members also meet the expenditure through financial assistance from external funding agencies and from the consultancy charges earned.

3.2.2 Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?

Seed money is not usually provided to the faculty for research. But the institution motivates the faculty in terms of providing the infrastructure and reference materials.

3.2.3 What are the financial provisions made available to support student research projects by students?

HODs encourage the students to do research projects by submitting proposals to appropriate funding agencies. In case of worthwhile projects, the HODs recommend to the top Management for a share in the funding of the project. Students' Innovative ideas are appreciated and provided financial and technical supports. Club House model making by plaster of Paris – 3000.- from United Institute of Technology (2015-2016) is a good example for this.

3.2.4 How does the various departments.units.staff of the institute interact in undertaking inter-disciplinary research? Cite examples of successful endeavors and challenges faced in organizing interdisciplinary research.

Our institution organizes research seminars and communicates the information about the topics of presentation to the faculty members through the circulars. The knowledge can be shared and interaction can be done by the eminent researchers, scholars to other faculty members. The interdepartmental researchers can the ideas from other senior Professors belonging to other disciplines. The institution comprises subject experts from various departments and it monitors all the research activities. To do their research work and publish their findings the staff members are encouraged in all possible ways. The various University recognized supervisors interact with the scholars and motivate them to perform well in their research in inter-disciplinary areas

S.No	Name and Department of the Supervisor	Name and Department of the Scholar. Student	Area of specialization
1	Dr.P.Prakasam, Department of Electronics and Communication Engineering	Mr.M.Paneerselvam, Department of Electrical and Electronics Engineering	Power system analysis using Neuro facing
2		Mr.M.Sridevi, Department of Electrical and Electronics Engineering	Tibia fracture healing using soft computing techniques
3		Mr.P.Rajaram, Department of computer science Engineering	Wireless sensor Network
4		Mr.S.Rajasekar, Department of computer science Engineering	Wireless sensor Network
5		Mr.P.Sathyaprakash, Department of computer science Engineering	Wireless sensor Network
6		Mr.M.Narendran, Department of computer science Engineering	Wireless sensor Network
7		Mrs.S.Anuradha, Department of computer science Engineering	Security issue in networks
8		Mr.C.A. Arun, Department of Electronics and Communication Engineering	VLSI, Signal processing

3.2.5 How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?

The departments and R&D cell works in coordination for the judicial use of various equipment and research facilities of the institution by researchers. R&D cell also helps the researchers to locate equipment and facilities available for their research in other renowned institutions. The laboratories and the available resources are well scheduled for the convenient access by the Researchers and Students. The staff members and students can avail the research

facilities, such as general library, Wi-Fi internet connectivity, software, computing facilities, and electronic equipment. Using of research related facilities by the students can be monitored by the concerned faculty members. The usage of laboratory equipment can be optimized by planning separate laboratory schedules.

3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If 'yes' give details.

Yes. The institution has received the following Research grants.

S.No	Sanctioning Authority	Title of the project . Event	No of kits Sanctioned
1	ATMEL Corporation	Work shop on Embedded system	25

3.2.7 Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organizations. Provide details of ongoing and completed projects and grants received during the last four years.

S.No	Project. Events	Duration (Months)	Title of the Project	Funding agency	Total Grant		
					Status	Sanctioned (Rs.)	Received (Rs.)
1	Project	6	Design and implimentati on of hum decteor system to avoid the human error in 80 Amps Conductor	Research Centre – Salzer Electronics Limited	Completed	66000	66000
2	Project	6	Lighting Control using mobile	GP Architectural Modeling, Coimbatore.	Completed	35000	35000
3	Project	6	Optimizatio n Thermal Calibration in OLR B ₂ model	Research Centre – Salzer Electronics Limited	Completed	36000	36000
4	Project	6	Bluetooth Controlled Robot	GP Architectura l Modeling, Coimbatore.	Completed	10000	10000
5	Project	6	Optimization Mechanical Calibration in OLR B ₂ model	Research Centre – Salzer Electronics Limited	Completed	34000	34000

3.3 Research Facilities

3.3.1 What are the research facilities available to the students and research scholars within the campus?

- Separate research facilities are available in all the laboratories like KALYCITO with the required and the latest equipment and softwares.
- Management providing good financial support to do research
- 24 hours access to Internet facility with 14 mbps
- Digital library with E- Journals
- Labs with sophisticated equipment and instruments for departments like Mechanical Engineering, Civil Engineering and Electrical and Electronics Engineering.

3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?

Whenever new branches are started the laboratories are designed in such a way that it would cater to the requirements of not only post graduate students but also research scholars. Accordingly, the equipment and sophisticated instruments are provided in the existing departments depending on the specialization of individual research scholars.

With the emerging of new areas of research and the availability of guides in such areas, the Civil Engineering department constructed the structural laboratory and Computer Science Engineering has a separate lab for research activities. Institution has a plan to bring Anna University R&D center at the earliest.

3.3.3. Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities?? If 'yes', what are the instruments, facilities created during the last four years.

Yes. The college had received assistance for enhancing research facilities from funding agencies such as ATMAL, EXTERRO, KALYCITO and SALZER. Apart from the assistance of funding agencies, Management is also providing funds towards the purchase of following equipment .software.

Major Equipment/Software	
ATMEL- Electronic circuits	Embedded System Work Shop
KALYCITO- Online Energy Monitoring System	Embedded System

3.3.4. What are the research facilities made available to the students and research scholars outside the campus, other research laboratories?

The institution assists research scholars and students to utilize the facilities available outside the campus for pursuing their projects. research. Since the institution has signed MOU with companies like SALZER, EXTERRO, the students and faculty members can use the facilities available in these companies for their research. Special permission is obtained from other college. industry to utilize their laboratory facility for the research by providing a certificate that they are the bonafide research scholars. Faculty members registered for Ph.D. programme are allowed to avail the Anna University's research facilities. MOUs with various institutions and industries facilitate the research scholars and students to utilize the facilities available in those campuses.

3.3.5. Provide details on the library. information resource center or any other facilities available specifically for the researchers?

In the library, large numbers of national and international journals on various disciplines have been subscribed through which research scholars can access thousands of online journals and e- journals.

3.3.6. What are the collaborative researches facilities developed. created by the research institutes in the college? For ex. Laboratories, library, instruments, computers, new technology etc.

SALZER, EXTERRO, ATMEL, KALYCITO are the companies which have collaborated with our institute. The research facilities have been used effectively by the college and the company.

3.4 Research Publications and Awards

3.4.1 Highlight the major research achievements of the staff and students in terms of

- **Patents obtained and filed (process and product)**
- **Original research contributing to product improvement**
- **Research studies or surveys benefiting the community or improving the services**
- **Research inputs contributing to new initiatives and social development**

In the Department of civil Engineering a research work has been proposed by signing a Memorandum of Understanding with Common Effluent treatment plan (CETP) Pvt, Ltd, Kasipalyam, Tirupur, on “ Solid waste Management” by converting the biological sludge arising from biological treatment system into Bio fertilizer by using earth worm. On implementing this research work, solid waste disposal problem of the biological sludge gets solved resulting in the production of compost which can be used as fertilizers for nearby agricultural works.

3.4.2 Does the Institute publishes or partner in publication of research journal(s)? If 'yes', indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?

The college is yet to start publication of research journals.

3.4.3 Give details of publications by the faculty and students:

- Publication per faculty
- Number of papers published by faculty and students in peer reviewed journals (national . international)
- Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Monographs
- Chapter in Books
- Books Edited
- Books with ISBN.ISSN numbers with details of publishers
- Citation Index
- SNIP
- SJR
- Impact factor
- h-index

Department of Civil Engineering

S. No	Name of the Faculty	Journal		Conference		Number of Publications listed in International Database	Citation Index	SNIP	SJR	Impact Factor	h-index
		N	I	N	I						
1	Dr.M.K.Saseetharan	-	3	-	-	3	-	-	-	-	-
2	Dr.M.Palanisamy	-	5			5	3	-	-	-	1
3	Mrs.K.Sridevi	-	1	-	1	2	-	-	-	-	-
4	Mr.R.Ravindranath Chandra	-	1	-	-	1	-	-	-	-	-

S. No	Name of the Faculty	Title of the Paper	Name of the Journal	Type of Publication International 1. National	Year of Publication
1	Dr.M.K.Saseetharan	Studies on Aerobic Compost from the SW generated in Coimbatore City, Tamilnadu, India	Nature Environment and Pollution Technology	International	2016 (Publication Accepted)
2	Mr.R.Ravindranath Chandra	A comparative study between compressive strength of	International Journal of Applied Engineering	International	2016

		concrete with saline water from ordinary Portland cement and Portland pozzolana cement	Research		
3	Dr.M.K.Saseetharan	Seasonal characterization of Municipal Solid Waste In Coimbatore City, Tamilnadu, India	International Journal of Applied Environmental Science	International	2015
4	Dr.M.K.Saseetharan	Studies on Variant Types of Aerobic Compost from the SW generated in Coimbatore City, Tamilnadu, India	International Journal of Applied Engineering Research	International	2015
5	Mrs.K.Sridevi	Development of Ferrocement formworks for flexural members	International Journal of Applied Engineering Research	International	2015
6	Dr.M.Palanisamy	Seismic Evaluation of reinforced concrete frame infilled brick masonry building using software.	International Journal of Applied Engineering Research	International	2014
7	Dr.M.Palanisamy	Experimental study on diagonally loaded RCC frames with masonry infilled wall	Australian journal of basic and applied sciences	International	2013
8	Dr.M.Palanisamy	Behavior of 3D reinforced concrete frame under lateral loads	Archives Des Sciences	International	2013
9	Dr.M.Palanisamy	Seismic response of masonry infill wall in multi-storied RC buildings	European journal of scientific research	International	2012
10	Dr.M.Palanisamy	Experimental study on masonry infill material peroperties	International Journal of scientific and Engineering Research	International	2012

Department of Computer Science and Engineering

S. No	Name of the Faculty	Journal		Conference		Number of Publications listed in International Database	Citation Index	SNIP	SJR	Impact Factor	h-index
		N	I	N	I						
1	Dr.Pradeep Kumar	-	6	6	7	15	72	0.774	0.422	4.242	5
2	Dr.Sudhakar Gummadi	-	2	-	1	2	-	1.842	0.784	-	-
3	Ms.S.Mythili	-	3	2	-	1	-	-	-	-	-
4	Ms.K.Sashi Rekha	-	3	2	-	1	-	-	-	-	-
5	Ms.D.Sathyavani	-	4	6	-	1	-	0.166	0.130	-	-
6	Mr.R.Arun Kumar	-	1	1	1	-	-	-	-	-	-
7	Ms.S.Kowsalya	-	1	-	-	-	-	0.166	0.130	-	-
8	Mr.C.Karthikeyan	-	3	4	1	-	-	-	-	-	-
9	Ms.K.Shanthi	-	1	3	-	-	-	-	-	-	-
10	Mr.V.Balaji Shanmugam	-	1	1	-	-	-	-	-	-	-
11	Mr.B.Madusudhanan	-	3	-	3	5	13	0.629	0.586	-	2
12	Ms.S.Arthi	-	-	4	1	-	-	-	-	-	-
13	Ms.D.Saranya	-	2	1	-	-	-	-	-	-	-
14	Ms.D.Deepa	-	3	3	1	-	-	-	-	-	-
15	Ms.S.Priyadarshini	-	2	3	3	-	-	-	-	-	-
16	Mr.K.Balakrishnan	-	-	1	-	-	-	-	-	-	-
17	Ms.P.Savitha	-	-	-	1	-	-	-	-	-	-
18	Ms.P.Krishnaveni	-	-	1	1	-	-	-	-	-	-
19	Ms.R.Malar Priya	-	3	-	2	-	-	-	-	-	-
20	Ms.K.Dhivya	-	-	1	1	-	-	-	-	-	-
21	Ms. S.Sinduja	-	-	1	-	-	-	-	-	-	-
22	Ms.Deepa Sankary	-	-	1	1	-	-	-	-	-	-
23	Ms.P.Nalini	-	1	1	2	-	-	-	-	-	-
24	Ms.A.Sri Sakthi	-	1	2	3	-	-	-	-	-	-
25	Ms.K.Megala	-	-	1	-	-	-	-	-	-	-
26	Ms.R.Saveetha	-	-	4	1	-	-	-	-	-	-
27	Mr.R.Giridharan	-	3	-	1	2	-	-	-	-	-
28	Mr.M.Perichiappan	-	-	2	-	-	-	-	-	-	-
29	Ms. A. Kousalya	-	1	-	1	-	-	-	-	-	-

S.No	Name of the Faculty	Title of the Paper	Name of the Journal	Type of Publication International .National	Year of Publication
1	Ms.S.Mythili & Mr.R.Arunkumar	An approach for semantic based paper evaluation using	International journal of Advance	International	2016

		keywords	research in computer and communication engineering		
2	Ms.D.Sathyavani	Interperting sentimental analysis for customer comments on E-Commerce	International journal of Advance research in computer and communication engineering	International	2016
3	Mr. C.Karthikeyan	Secure Data Deduplication in hybrid cloud	International journal of Advance research in computer and communication engineering	International	2016
4	Mr. B.Madusudhanan	An efficient parallel fuzzy rough set based rule generation using map reduce	International journal of Advance research in computer and communication engineering	International	2016
5	Ms.S. Priyadarshini	Emergency medical service using GPS Tracking device	International journal of Innovative research in computer and communication Engineering	International	2016
6	Ms.A.Srisakthi	Proposed Efficient energy conservation method using clustering of nodes in wireless sensor Network	Journal of Signal Processing and Wireless Networks	International	2016
7	Dr.Pradeep Kumar	A New Cluster-Histo-Regression Analysis for Incremental Learning from Temporal data chunks	International Journal of Machine Intelligence	International	2015
8	Ms.S.Mythili	Detecting Cars in Traffic using Cascade Haar with KLP	International Journal of Innovative Research in Computer and Communication Engineering	International	2015
9	Ms.D.Sathyavani	Finding high Utility Item Set using Fuzzy	International Journal of	International	2015

		Tail Node Tree (FTNT) from Large Transaction Databases	Applied Engineering Research		
10	Mr. C.Karthikeyan	Optimizing the resources through effective task scheduling mechanism using Bender's Decomposition	International journal of Engineering & computer science	International	2015
11	Ms.P.Nalini	SIFT Based minutia descriptors for fingerprint compination protection	International journal of science, engineering and technology	International	2015
12	Ms.A. Kousalya	A comparative study of parallel job scheduling algorithms in cloud computing	International journal of computer science and information technologies	International	2015
13	Ms.K.Sashi Rekha	Web Image annotation using probabilistic correlation and graph mining	International Journal of Latest Trends in Engineering & Technology	International	2014
14	Ms.K.Sashi Rekha	Opinion Mining and classification of user reviews in social media	International Journal of Advance Research in Computer Science and Management studies	International	2014
15	Ms.K.Sashi Rekha	A Study on Privacy Preserving Data Mining	International Journal of Innovative Research in computer and Communication Engineering	International	2014
16	Ms.D.Sathyavani	Efficient Algorithm for finding high utility itemsets from large transactional database using R-Hashing Technique	International Journal of Innovative research in computer and communication engineering	International	2014
17	Ms.D.Sathyavani	Optimized Weighted Association Rule Mining using Mutual Information on Fuzzy Data	International journal of Scientific research and Management	International	2014

18	Mr. C.Karthikeyan	Facial Feature Extraction using Local Binary Pattern (LBP) and Local Gray Code Pattern	Journal of Recent Trends in Computer Science and Engineering	International	2014
19	Ms.K.Shanthi	Comparative analysis of various median filters using Peak Signal to Noise Ratio(PSNR)	International Journal of Science,Engineering and Technology Research	International	2014
20	Ms.D.Saranya	A novel crossover and mutation with concept hierarchy on classification algorithms	International journal of software engineering and technology	International	2014
21	Ms.R.Malar Priya	Dynamic Resource Management System for Cloud User Using Virtual Machine Live Migration	International Journal of Innovative Research in Science, Engineering and Technology	International	2014
22	Mr.R.Giridharan	Association Rule Mining Based a Personalized Mobile Search Engine	International Journal of Advanced Research in Computer and Communication Engineering	International	2014
23	Mr.R.Giridharan	A Novel on Fast Parallel File Transfer Using Replication	International Journal of Computer Science and Mobile Computing	International	2014
24	Mr.R.Giridharan	Efficient Resources Allocation and Reduce Energy Using Virtual Machines for Cloud Environment	International Journal of Innovative research in Computer and Communication Engineering	International	2014
25	Dr.Pradeep Kumar	A Novel Perceptual Image Encryption Scheme using Geometric Objects based Kernal	International Journal of Computer science & Information Technology	International	2013

26	Dr.Pradeep Kumar	A Novel Image Scrambling Technique Based on Information Entropy and Quad Tree Decomposition	International Journal of Computer Science Issues	International	2013
27	Dr.Pradeep Kumar	A New Image Scrambling Scheme through Chaotic Permutation and Geometric Grid based Noise Induction	International Journal of Computer Applications	International	2013
28	Ms.D.Saranya	A fast classification algorithm using concept hierarchy algorithm	International journal of data mining and knowledge engineering	International	2013
29	Ms.D.Deepa	Priority Based Implementation in Pintos	International Journal of Emerging Technology and Advanced Engineering	International	2013
30	Ms.D.Deepa	A Survey on Usage of Data Mining Techniques in the Detection of Hemorrhages in Fundus Images	International Journal of Advanced Research in Computer Science and Software Engineering	International	2013
31	Ms.R.Malar Priya	Enhancing security I cloud computing by combining dynamic broadcast encryption, bit torrent and group signature	International Journal of intellectual advancement and research in engineering computations	International	2013
32	Ms.R.Malar Priya	Preserving Security and Privacy in cloud for Multiowner data	International Journal of Engineering Research & Technology	International	2013
33	Dr.Sudhakar Gummadi	Effective Utilization of Multicore Processor for Unified Threat Management Functions	Journal of Computer Science	International	2012
34	Mr. C.Karthikeyan	Machine Learning Strategy for throughput improvement in Grid Computing	International Journal of Communication s and Engineering	International	2012

35	Mr.V.Balaji Shanmugam	Extended Ad hoc on demand Distance Vector Multipath Routing (EAODVMR) Protocol for Mobile Ad hoc Network(MANET)	International Journal of Computer Science and Information Technologies	International	2012
36	Ms.D.Deepa	Eye faction along with glisten psychiatry using human computer interface	International Journal of Computing Algorithm	International	2012
37	Ms.S. Priyadarshini	Secure Collaborative Network using Up Up Keystroke Latency Algorithm	International Journal of Communication s and Engineering	International	2012
38	Dr.Sudhakar Gummadi	Dynamic Allocation of CPUs in Multicore Processor for Performance Improvement in Network Security Applications	Journal of Computer Science	International	2011
39	Ms.S.Mythili	Fabric Defect Detection using Steerable Pyramid	ICTACT Journal on Image & Video Processing	International	2011
40	Mr. B.Madusudhanan	A SOA-based environment supporting collaborative experiments in e-Science	International Journal of Web Portals	International	2011
41	Dr.Pradeep Kumar	Intelligent Methods of Fusing the Knowledge during Incremental Learning via Clustering in a Distributed Environment	International Journal of Advanced Networking and Applications	International	2010
42	Mr. B.Madusudhanan	VCDE: a toolkit for virtual cluster creation for grid environment	International Journal of Parallel, Emergent and distributed systems	International	2010
43	Dr.R.Pradeep Kumar	Multiresolution Knowledge Mining using Wavelet Transform.	Engineering Letters	International	2007
44	Ms.S.Kowsalya	Geometric Features for ELM Modelled	International Journal of	International	2007

		Offline Tamil Character Recognition	Applied Engineering Research		
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Department of Electronics and Communication Engineering

S. No	Name of the Faculty	Journal		Conference		Number of Publications listed in International Database	Citation Index	SNIP	SJR	Impact Factor	h-index
		N	I	N	I						
1	Dr.P.Prakasam	-	38	5	36	38	118	8.494	3.587	5.19	5
2	D.Gokila	-	2	4	4	2	12	0.32	0.151	-	2
3	S.Udhayakumar		1	1	1	-	-	-	-	-	-
4	A.Raja		2	1	2	-	-	-	-	-	-
5	S.Sivaramakrishnan		1	-	-	-	-	-	-	-	-
6	M. Archana		5	3	4		-	1.842	0.784	-	2
7	S.K.Pravin Kumar		2	-	2	1	-	0.166	0.13	-	-
8	C. R. Rathish		7	-	-	1	-	0.166	0.13	-	-
9	R.Sathish		1	-	-	-	-	-	-	-	-
10	M.Ramya		1	1	-	-	-	-	-	-	-
11	V. Velumani		2	4	2	-	-	-	-	-	-
12	N. Poovizhi		1	-	-	-	-	-	-	-	-
13	K. Velmayil		1	-	1	-	-	-	-	-	-
14	M.Kalaiyarasi		1	-	-	1	-	0.166	0.13	-	-

S.No	Name of the Faculty	Title of the Paper	Name of the Journal	Type of Publication International, National	Year of Publication
1	Dr.P. Prakasam	Investigational validation of PV based DCD-MLI using simplified SVM algorithm utilizing FPGA tied with Independent sources	Circuits Systems and	International	2016
2	Dr.P. Prakasam	Small Signal Stability Analysis of DFIG Fed Wind Power System using A Robust Fuzzy Logic Controller	Circuits Systems and	International	2016
3	Dr.P. Prakasam	Localized Coverage Connectivity Based on Shape and Area Using Mobile	Circuits Systems and	International	2016

		Sensor Robots in Wireless Sensor Networks			
4	Dr.P. Prakasam	Identification of time constant for healing process of limb with fractured tibia bone using step response techniques	Research Journal of Pharmaceutical, Biological and Chemical Sciences	International	2016
5	Dr.P. Prakasam	Classification of tibia fracture across limb in patients treated using DC electric stimulation based on observed healing pattern	Research Journal of Pharmaceutical, Biological and Chemical Sciences	International	2016
6	Dr.P. Prakasam	Shape and Area based coverage connectivity using robots using wireless sensor network	Journal of signal processing and wireless networks	International	2016
7	C.R.Rathish	A new load balanced Routing protocol for wireless sensor networks	International Journal of Computer Technology and Applications	International	2016
8	Dr.P. Prakasam	Tibia fracture healing diagnosis: A review	Research Journal of Pharmaceutical, Biological and Chemical Sciences	International	2015
9	Dr.P. Prakasam	Evaluating the effect of capacitance model in tibia fractured limb healing diagnosis	Research Journal of Pharmaceutical, Biological and Chemical Sciences	International	2015
10	Dr.P. Prakasam	A fast hand over Technique scheme for state less multicasting IPV6 based mobile AD HOC networks	International journal of applied engineering research	International	2015
11	Dr.P. Prakasam	Artificial Intelligence in Fracture Healing Diagnosis	Research Journal of Pharmaceutical, Biological and Chemical Sciences	International	2015
12	Dr.P. Prakasam	Proposed	Wireless Personal	International	2015

		Coordinating Multiple Sampling Tasks in Sensor Field Using Geometric Progression Algorithm for Efficient Data Collection in Wireless Sensor Networks	Communications		
13	Dr.P. Prakasam	Non-Linear Error Identifier Algorithm for Configuring Mobile Sensor Robot	Journal of Electrical Engineering and Technology	International	2015
14	Dr.P. Prakasam	Accurate Location Identification Using Bluetooth in Android Smartphone	Discovery	International	2015
15	Dr.P. Prakasam	Increasing jammer localization accuracy using global algorithm in wireless sensor networks	Discovery	International	2015
16	Dr.P. Prakasam	Efficient tripper query answering approach by using optimal pruning method in road networks	Discovery	International	2015
17	P. Prakasam & M.Kalayarasi	Proposed Low Power and Area Efficient Full Adder Using CMOS 180NM Technology	International journal of applied engineering research	International	2015
18	Dr.P. Prakasam	Tibia Fracture Healing Prediction Using First Order Mathematical Model	Computational and Mathematical Methods in Medicine	International	2015
19	Dr.P. Prakasam	Self-motivated node exploitation using two dimensional gaussian distribution in WSN	Discovery	International	2015

20	Dr.P. Prakasam	Model Identification and agitator speed optimization for bioreactor using soft computing techniques	Applied Mathematical Sciences	International	2015
21	Dr.P. Prakasam	Determination of optimum voltage for tibia fracture across limb in patients treated using DC electric simulation	Research Journal of Pharmaceutical, Biological and Chemical Sciences	International	2015
22	Dr.P. Prakasam	A detailed survey on various efficient multipliers in low power VLSI circuit	International journal of applied engineering research	International	2015
23	Dr.P. Prakasam	Comparative Analysis of Fracture Healing Predicted Using Mathematical Model and Soft Computing Technique	International journal of applied engineering research	International	2015
24	Dr.P. Prakasam	Tripper Application: Optimal Pruning Method via the Collection of Real Time Traffic Data in Road Networks	International Journal of Advanced Trends in Computer Science and Engineering	International	2015
25	A.Raja, M.Ramya & V.Velumani	Novel composite field Architecture for advanced encryption system S-Box	International journal of innovative trends in engineering	International	2015
26	M.Archana	An investigation of a double-tail comparator for low-power applications	International scientific journal on science engineering & technology	International	2015
27	M.Archana	Analysis of a double-tail comparator for low-power applications	International journal of advances in engineering and emerging technology	International	2015
28	S.K. Pravinkumar	Computerized system for identification of pests using machine	International journal of applied engineering research	International	2015

		vision			
29	C.R.Rathish	Hierarchical Load Balanced Routing Protocol for Wireless Sensor Networks	International Journal of Applied Engineering Research	International	2015
30	V. Velumani	Novel composite field architecture for advanced encryption system s-box	International journal of innovative trends in engineering	International	2015
31	Dr.P. Prakasam	Sink node redeployment technique for upgrading Network Lifespan in Wireless sensor networks	American International Journal of Research in Science, Technology, Engineering & Mathematics	International	2014
32	Dr.P. Prakasam	Mobility Based Energy Utilization In Wireless Sensor Network	International Journal of Emerging Technologies in Computational and Applied Sciences	International	2014
33	Dr.P. Prakasam	Data collection using mobile robot in wsn:A review	Journal of Theoretical and Applied information Technology	International	2014
34	Dr.P. Prakasam	Implementation of an Effective Fault Current Limiter for 1.5 MW DFIG in Wind Power Systems	International journal of Engineering & Technology	International	2014
35	Dr.P. Prakasam	Energy Efficient Control Sensor Node Deployment with MobiSink: A Review	International Journal of Applied Environmental Sciences	International	2014
36	Dr.P. Prakasam	A Survey on Mobile Sampling and Broadcast Scheduling in Wireless Sensor Networks	International Journal of Applied Engineering Research	International	2014
37	D.Gokila	Implementation of configurable floating point multiplier	Journal of theoretical and applied information technology	International	2014
38	S. Udhayakumar	Optimized power	International	International	2014

		controller for residential energy consumption	journal for trends in engineering and technology		
39	S.Sivaramakrishnan	A Comparative Analysis of Cryptography Algorithms	International journal of innovative research in electrical,electronics, instrumentation& control engineering	International	2014
40	M.Archana	Stumpy outlay transportation management system based on integration of gps and gsm	The international journal of software and hardware research in engineering	International	2014
41	S.K. Pravinkumar	Design and development of pest image segmentation technique using soft computing algorithm	International journal of advanced research in electronics,communication & instrumentation engineering and development	International	2014
42	R.Sathish	Fault coverage of test patten with optimized power in BIST system using Simulated Annealing (SA) and Single Input Change(SIC) algorithm	International journal of advanced Information science and Technology	International	2014
43	N. Poovizhi	Reducing power in glitch free universal gate using dsdl technique	International journal of software and hardware research in engineering	International	2014
44	A.Raja	Hybrid methodologies for skin placement in wsns	Indo asian journal of advanced management	International	2013
45	C.R.Rathish	A Triband Slotted Bow-Tie Antenna for Wireless Applications	International Journal of Computational Engineering Research	International	2013
46	C.R.Rathish	A Compact T- Fed Slotted Microstrip Antenna For Wide Band	International Journal Of Scientific & Technology	International	2013

		Application	Research		
47	C.R.Rathish	An Enhanced Localization Scheme for Mobile Sensor Networks	International Journal of Computational Engineering Research	International	2013
48	C.R.Rathish	Speckle Noise Removal Using Dual Tree Complex Wavelet Transform	International Journal of Scientific Technology Research	International	2013
49	K. Velmayil	Low delay single error correction codes to protect data bits on memory	International journal of advanced information science and technology	International	2013
50	Dr.P. Prakasam	A Review on Cluster Based Data Collection in Wireless Sensor Networks	International Journal of Applied Engineering Research	International	2012
51	Dr.P. Prakasam	Model identification and control of non linear spherical tank process using soft computing method	Sensors and Transducers	International	2012
52	Dr.P. Prakasam	Modeling and control of smart structure using soft computing method	Sensors and Transducers	International	2012
53	Dr.P. Prakasam	Proposed Low-Power FPGA Architecture Using an Autonomous Fine-Grain Power Gating	International Journal of recent and technology engineering	International	2012
54	C.R.Rathish	Efficient Power Aware Routing Algorithm for Ad-Hoc Networks	International Journal of Advanced Information Science and Technology, Vo	International	2012
55	D.Gokila	Run-time reconfigurable pipelined modified baugh-wooley multipliers	Advances in computational sciences and technology	International	2010
56	M.Archana	Human behaviour classification using multi-class	The international journal computer science	International	2010

		relevance vector machine			
57	M.Archana	Svm based human behaviour classification in crowd through projection and star skeletonization	The international journal computer science	International	2010
58	Dr.P. Prakasam	Modulation Identification Algorithm for Adaptive Demodulator in Software Defined Radios Using Wavelet Transform	International Journal of Signal Processing	International	2009
59	Dr.P. Prakasam	Intelligent Decision Making System for Digital Modulation Scheme Classification in Software Radio Using Wavelet Transform and Higher Order Statistical Moments	Wireless Personal Communications	International	2009
60	Dr.P. Prakasam	Reconfigurable Automatic Modulation Identification Hardware Module for Software Defined Radio Receivers	International Journal of Computer Theory and Engineering	International	2009
61	Dr.P. Prakasam	Digital Modulation Identification Model Using Wavelet Transform and Statistical Parameters	Journal of Computer Systems Networks and Communications	International	2008
62	Dr.P. Prakasam	M-ary Shift Keying Modulation Scheme Identification Algorithm Using Wavelet Transform and Higher Order Statistical Moment	Journal of Applied Sciences	International	2008

Books Edited.Published

S.	Name of Author(s)	Title of book	ISBN	Year of Publication	Name of Publisher
1	S.P.Eugine Xavier, M.Madheswaran and P.Prakasam	Digital Signal Processing and Application	-	In Press	S.Chand & Co

Department of Electrical and Electronics Engineering

S.No	Name of the Faculty	Journal		Conference		Number of Publications listed in International Database	Citation Index	SNIP	SJR	Impact Factor	h-index
		N	I	N	I						
1	Mr.D.Karthick	-	-	1	1	-	-	-	-	-	-
2	Mr.J.Sunil Kumar	-	-	2	-	-	-	-	-	-	-
3	Mr.M.Santhosh Kumar	-	-	3	-	-	-	-	-	-	-
4	Mr.D.Karthik	-	-	1	-	-	-	-	-	-	-
5	Mr.S.Ranjith Pandi	-	-	2	1	-	-	-	-	-	-
6	Ms.D.Deena	-	1	5	4	-	-	-	-	-	-
7	Mrs.V.Priya	-	-	-	2	-	-	-	-	-	-
8	Mr.P.G.R.Karthikeyan	-	-	-	1	-	-	-	-	-	-
9	Ms.S.Saranya Ananda Lakshmi	-	-	-	1	-	-	-	-	-	-
10	Ms.S.Abinaya	-	-	1	2	-	-	-	-	-	-

S.No	Name of the Faculty	Title of the Paper	Name of the Journal	Type of publication International. National	Year of Publication
1	D.Deena	Artificial intelligence based control approach for membrane bioreactor in sewage water treatment	International Journal of Research in Engineering and Technology	International	2014

Department of Mechanical Engineering

S.No	Name of the Faculty	Journal		Conference		Number of Publications listed in International Database	Citation Index	SNIP	SJR	Impact Factor	h-index
		N	I	N	I						
1	Dr. G. BansalRajkumar	-	5	-	2	5	7	-	-	-	2
2	C.R.Raajeshkrishna	1	4	5	2	4					

3	D.Somasundaram	-	2			2	2	0.2	0.15	0.15	1
4	C.M.AnandPartheeban	-	8			8	2	-	-	3.52	2.57
5	P.Sathish Kumar	-	2			2	-	-	-	-	-
6	S.OmPrakash	-	-			-	-	-	-	-	-
7	K.Jeyaprakash	-	2	-	-	2	-	-	-	-	-
8	C.Silambarasan	-	-	2	-	-	-	-	-	-	-
9	K.Chinnarasu	-	1	2	-	1	-	-	-	-	-
10	C.Saravanamurthi	-	1	1	1	1	-	-	-	-	-
11	P.Jeevanantham	-	2			2	-	-	-	-	-
12	R .Karthik	-	-	1	-	-	-	-	-	-	-
13	V.Manimaran	-	2	-	-	3	-	-	-	-	-
14	M.Gokul	-	2	2	-	2	-	-	-	-	-
15	S.Balakrishnan	-	2	1	-	1	-	-	-	-	-
16	R.HariPrasath	-	1	-	-	1	-	-	-	-	-
17	D.Thamodharan	-	-			-	-	-	-	-	-
18	N.Nirmal	-	3			3	2	-	-	-	1
19	S.Pathma Sharma	-	1	-	-	1	-	-	-	-	-
20	K.Muthusamy	-	3			-	-	-	-	-	-
21	S.Ganesh Kumar	-	2	-	-	2	-	-	-	-	-
22	S.Sivachidambaram	-	4	-	-	4	-	-	-	-	-
23	T.SureshPrabhu	-	1	-	-	1	-	-	-	-	-
24	S.R.Kasthuri Raj	-	2	-	-	2	1	-	-	-	0.35
25	A.Aravinth Kumar	-	4			4	-	-	-	-	-
26	R.Maniyarasan	-	-	-	2	-	-	-	-	-	-
27	L.Jeryraj Kumar	-	3	-	-	3	-	-	-	-	-
28	R. vinothkumar	-	-	1	1	-	-	-	-	-	-
29	D.Sarathkumar	-	-	1	-	-	-	-	-	-	-

S. No	Name of the Faculty	Title of the Paper	Name of the Journal	Type of Publication International . National	Year of Publication
1	Mr. R. Rajesh	Design and fabrication of covering attachment for painting submersible pumps	International Journal for Technological Research in Engineering	International	2016
2	Mr.C.M.Anand Partheeban, Mr.M.Gokul	Experimental investigations on material characteristics of in-situ Al 6082 – Ti B ₂ composites	International journal of Chemtech research	International	2016
3	Mr.P.Sathishkumar/ Mr.M.Gokul	Present approaches for analysis of casting defects a review	ARPJ Journal of engineering and applied sciences	International	2016

4	Mr.P.Sathishkumar	Review on expert systems for casting defects analysis and prevention	International Conference on Breakthrough in Engineering Science and Technology	International	2016
5	Mr. Balakrishnan/ Mr.T.Suresh Prabhu	Design And Analysis Of Partially Ceramic Coated Connecting Rod	International Journal of Innovative research in Science Engineering and Technology	International	2016
6	Mr.A.Aravinthkumar	Lean Implementation through Enhancing Productivity in a Pump Industry	International Journal of Engineering Research	International	2016
7	Mr. L. Jeryraj Kumar	Effects on Nano additives on performance and emission characteristics of calophyllum inophyllum Biodiesel	International Journal of Chem Tech Research	International	2016
8	Mr.L. Jeryraj Kumar	Development of calophyllum inophyllum Biodiesel and Analysis of its Properties at Different Blends	International Journal of Chem Tech Research	International	2016
9	Mr.L. Jeryraj Kumar	A Review on effects of Nano additives with pongamia Biodiesel in CI engine Performance and emission Characteristics	International Journal of Applied Engineering Research	International	2016
10	Mr.R.Rajesh	Evaluation of mechanical properties of B4C filled glass-epoxy composites	International journal of Chem Tech Research	International	2015

11	Mr.D.Somasundram	Heat and fluid flow characteristics of copper metal foam as heat pipe Wick Material	Applied Mechanics and materials	International	2015
12	Mr.D.Somasundram	Performance analysis of composite leaf spring using computer aided engineering	Applied Mechanics and materials	International	2015
13	Mr.C.M.Anand Partheeban	Mechanical behavior and failure analysis using online acoustic emission onnanographitereinforced Al6061–10TiB ₂ hybrid composite using powder metallurgy	Materials Science and Engineering	International	2015
14	Mr.C.M.Anand Partheeban	Wear behavior of Nano graphite reinforced Al6061-10TiB ₂ hybrid composite using powder metallurgy	International Journal of Applied Engineering Research	International	2015
15	Mr.C.M.Anand Partheeban	Optimization of Sliding wear parameters of nano graphite reinforced AL6061 – 10TiB ₂ hybrid composite using RSM	International journal of Chemtech research	International	2015
16	Mr.A.Aravinthkumar	Solving supply chain network optimization models using LINGO	International Journal of Applied Engineering Research	International	2015
17	Mr.C.Saravana Murthi & Mr.S.R.Kasthuriraj	Disilimar friction stir welding between AA7075 and AA8011 Aluminium alloys using CNC	Journal of Applied sciences research	International	2015
18	Mr.V.Manimaran	Investigation of centrifugal pump face seal	International Journal of Engineering research and Technology	International	2015

19	Mr.R.Hariprasath, Mr.K.Muthusamy	Fuel drying technology to reduce moisture content in boiler fuels	Journal of Applied Sciences Research	International	2015
20	Mr.N.Nirmal	Corrosion behaviors of cenosphere aluminum metal matrix composite in sea water condition	International Journal of chemtech Publications	International	2015
21	Mr.K.Muthusamy/ Mr.V.Manimaran	Static Analysis of Mono Leaf Spring Using En-45 Steel and Comparison of Different Composite Materials	Journals of Applied Sciences Research	International	2015
22	Mr.K.Muthusamy	Investigation of centrifugal pump face seal	International Journal of Engineering Research and Technology	International	2015
23	Mr.S.Siva chidambaram	Effect of tool geometry on surface modification of aluminum 6063 by friction stir processing	ARPJ Journal of Engineering and Applied sciences	International	2015
24	Mr.S.Siva chidambaram	Wear and microstructural characteristics of friction stir processed aluminum 6063	International Journal for Technological Research in Engineering	International	2015
25	Mr.S.Siva chidambaram	Optimizing the parameters for friction stir welding of dissimilar aluminum alloys AA 5383/AA 7075	ARPJ Journal of Engineering and Applied Sciences	International	2015
26	Mr.S.Siva chidambaram	Effect of process parameters on toughness and micro structural characteristics of friction stric welded AA7075/AA5383 butt joint	International Journal of Applied Engineering Research	International	2015
27	Mr.S.R.Kasthuriraj	Effect of vibration in Al.Si content on mechanical properties of Zn-Al-Si Alloys	International Journal of Applied Engineering research	International	2015

28	Mr.A.Aravinthkumar	Benefits of implementing Lean principles of real manufacturing environment	International Journal for scientific research and development	International	2015
29	Dr.Bansal Ganasundram	Development of regression models and optimization of FCAW Process parameter of 2205 duplex stainless steel	Indian journal of Engineering and materials Sciences	International	2014
30	Dr.Bansal Ganasundram	Influence of Heat input on a 2205 duplex stainless steel weld	Materials in Technologies	International	2014
31	Mr.N.Nirmal	Optimization of relative positions in a two wheeled differential drive robot	Indian journal of mechanical Engineering and robotics research	International	2014
32	Mr.R.Rajesh	Operating torque in ball valves-A review	International Journal for Technological Research in Engineering	International	2014
33	Mr.R.Rajesh	An innovative cost Effect Slipper for Elderly Person	International Journal of Engineering and Advanced Technology	International	2014
34	Mr.C.M.Anand Partheeban	A Study on Designing a Sustainable Development and Planning Strategies to Backward villages in South India	International Journal of Engineering Research and Technology	International	2014
35	Mr.K.Jeyaprakash	Artificial Intelligence robotically assisted brain surgery	International Journal for scientific research	International	2014
36	Mr.K.Jeyaprakash	Prediction of flow coefficient and hydrodynamic torque coefficient in butterfly valve	Middle -East Journal for scientific research	International	2014

37	Mr.S.Ganesh Kumar	Critical failure Analysis of caustic slurry pump	International Journal for Research Applied Science and Engineering	International	2014
38	Mr.S.Ganesh Kumar	A review report for study of cutting parameters for different materials in CNC turning	International journal of innovative research and studies	International	2014
39	Mr.A.Aravinthkumar	Sustainable manufacturing system design A Case study using environment impact assessment and simulation	International conference on energy and sustainability in engineering system	International	2014
40	Dr.Bansal Ganasundram	Prediction of flux cored Arc welding process parameters Effect on 2205 duplex stainless steel	Welding and cutting	International	2013
41	Mr.N.Nirmal	Modelling and optimization of Odometry error a two wheeled differential drive robot	Internaional Journal of scientific and research publications	International	2013
42	Mr.R.Rajesh	Safety Slippers	Patent application publication	National	2013
43	Mr.C.M.Anand Partheeban	Squeeze Casting- Influence of Squeeze pressures on Das and other related properties	Journal of Academia and Industrial Research	International	2013
44	Mr.C.M.Anand Partheeban	Staircase climbing vehicle	International Journal of Advanced Engineering Technology	International	2013
45	Mr.P.Jeevanantham	Analysis of flow parameters' in fuel cell for Effective power generation	International Journal of Engineering and Innovative Technology	International	2013

46	Mr.S.Pathmasharma	Analysis of passenger car suspension system using adams	International Journal of Science, Engineering and Technology Research	International	2013
47	Dr.Bansal Ganasundram	Prediction of weld bead geometry Using artificial Neural Networks on 2205 duplex stainless steel	European Journal of Scientific Research	International	2012
48	Mr.K.Chinna Rasu	Design and fabrication of composite bumper for light passenger Vehicle	International Journal of modern engineering Research	International	2012
49	Mr.P.Jeevanantham	Condition Monitoring on Vibration response of misaligned rotors	International journal of information technology & computer science perspectives	International	2012
50	Mr.C.M.Anand Partheeban	Design and fabrication of continuous variable transmission in four wheelers	International Journal of Advanced Engineering Technology	International	2011
51	Dr.Bansal Ganasundram	Estimation of flux cored Arc welding process parameters Effect on 2205 duplex stainless steel Bead geometry	International Journal of Emerging Technology and applications	International	2010
52	Mr.S.Balakrishnan	Design and thermal analysis of partial ceramic coated piston of spark ignition engine	International advanced research Journal in science Engineering and Technology	International	2015

DEPARTMENT OF SCIENCE AND HUMANITIES

S. No	Name of the Faculty	Journal		Conference		Number of Publications listed in International Citation Index	SNIP	SJR	Impact Factor	h-index
		N	I	N	I					
1	Ms.K.Premalatha	-	-	-	1	-	-	-	-	-
2	Dr.R.Udhaya kumar	2	9	6	7	9	30	-	3.508	3.430
3	Mr. A.R. Vidhyakumar	-	1	-	-	1	-	1.378	0.956	1.551
4	Mrs S. Sharmila	-	12	-	-	12	-	-	-	2.109
5	Mrs. I.Preethi	-	-	2	-	-	-	-	-	-
6	Dr. S.S. Kanmani	-	11	-	-	11	80	1.869	1.606	2.498
7	Mr. B.Gokul	-	11	5	5	11	53	1.6	0.9	2.200
8	Dr. B. Gayathiri	-	4	-	-	-	-	-	0.64	6.469
9	Mrs. N.Subashini	-	2	-	-	-	-	-	-	1.029
10	Ms. D.Geethamani	-	1	-	-	-	-	1.350	1.916	3.165

S. No	Name of the Faculty	Title of the Paper	Name of the Journal	Type of Publication International /National	Year of Publication
1	Dr.R.Udhayakumar	A Study on Language Learning Strategies and styles for L2 as a Foreign and Second Language Learners	International journal of English Language, Literature & Humanities	International	2016
2	S.Sharmila	An intuitionistic fuzzification technique for analysing genetic disorder	Advances in fuzzy Mathematics	International	2016
3	S.Sharmila	A pollution model of the river Ganges through inter criteria analysis	International journal of Oceans and Oceanography , 10 (2), 2016, 81-	International	2016

			91 Annexure -II		
4	S.Sharmila	Logistics service provider selection using E-VIKOR method in intuitionistic fuzzy environment	International journal of engineering research, 2 (4), 2016	International	2016
5	Ms.N.Subashini	Evaluation of Performance Measures of Batch Arrival Queue with Setup, uncertain parameters and fuzzy varying batch sizes using robust ranking technique	International Journal of Applied Engineering research	International	2016
6	Dr.R.Udhayakumar	Arena of Computers in the Field of Linguistics	International journal of English Language, Literature & Humanities	International	2015
7	S.Sharmila	On intuitionistic fuzzy completely z-continuous mappings	International Journal of Applied Research	International	2015
8	S.Sharmila	On some weaker class of z-continuous mappings	Bulletin of Mathematics and Statistics Research	International	2015
9	S.Sharmila	z-Connectedness in intuitionistic fuzzy topological spaces	International Journal of Mathematical Archive	International	2015
10	S.Sharmila	Tietze's extension theorem for intuitionistic fuzzy z-basically disconnected spaces in Katetov-Tong's sense	International Journal of Mathematics and its Applications	International	2015
11	S.Sharmila	Pairwise ordered intuitionistic fuzzy z-extremally disconnected spaces	International Journal of Computer Applications Technology and	International	2015

			Research		
12	S.Sharmila	Intuitionistic fuzzy almost resolvable and irresolvable spaces	Asian Journal of Applied Sciences	International	2015
13	S.Sharmila	On intuitionistic fuzzy Volterra spaces	International journal of Applied Engineering Research	International	2015
14	Mr.B.Gokul	A study on the origin of room temperature ferromagnetism in $Ni_{1-x}Gd_xO$ nanoparticles	Journal of Magnetism and Magnetic Materials	International	2015
15	Mr.B.Gokul	Synthesis of Ni.NiO nanocomposites by hydrothermal-assisted polyol process and their magnetic properties as a function of annealing temperature	Powder Technology	International	2015
16	Mr.B.Gokul	Structural and morphological properties of Ag ion irradiated SnO_2 thin films	IOP Conference Series: Materials Science and Engineering	International	2015
17	Ms.N.Subashini	Evaluation of Performance Measures of Batch Arrival Queue with uncertain parameters and fuzzy varying batch sizes using robust ranking technique	International Innovative research and studies	International	2015
18	Ms.D. Geethamani	Numerical solution of Fuzzy fractional differential equations by improved Euler Method	International Journal of Mathematical Engineering and Sciences	International	2015
19	Dr.R.Udhayakumar	An Explanatory	Working Papers	National	2014

		Study of Spoken Language for Successful Communication	on Linguistics and Literature		
20	Dr.R.Udhayakumar	A linguistic Approach for Teaching English Language Listening Comprehension	i&i e journal	International	2014
21	Dr.R.Udhayakumar	The Structural Study of Spoken Language	Journal of English Language and Literature	International	2014
22	A.R. Vidhyakumar	Natural convection in square cavity with heat generating baffles	Applied Mathematics and Computation	International	2014
23	S.Sharmila	On intuitionistic fuzzy z-open sets	Journal of Global Research in Mathematical Archives	International	2014
24	Dr.S.S. Kanmani	Influence of Ti dopant on the properties and dye sensitized solar cell performance of ZnO chunk-shaped nanostructures	Organic electronics	International	2014
25	Mr.B.Gokul	Fabrication of P-N Junction diode using SnO.SnO ₂ thin films and its device characteristics	Electronic Materials Letters	International	2014
26	Ms. B. Gayathiri	Existence of solutions of impulsive partial neutral integrodifferential Equations with Unbounded delay	Journal of Advances in Mathematics	International	2014
27	Ms. B. Gayathiri	Existence of solutions of fractional neutral integrodifferential Equations with infinite delay	International Journal of Engineering Science Invention	International	2014
28	Ms. B. Gayathiri	Almost Automorphic	Far East Journal of Mathematical	International	2014

		Solutions of Neutral Functional integrodifferential Equations with infinite delay	Sciences		
29	Dr.R.Udhayakumar	Listening is Crucial to Effective Communication	i&i e journal	International	2013
30	Dr.R.Udhayakumar	Testing and Evaluation of Second Language Listening Comprehension	i&i e journal	International	2013
31	Dr.R.Udhayakumar	Testing Speaking Skills among Undergraduate Students of Engineering	International Journal of English: Literature, Language and Skills	International	2013
32	Dr.S.S. Kanmani	Role of aqueous ammonia on the growth of ZnO nanostructures and its influence on solid-state dye sensitized solar cells	Journal of Material Science	International	2013
33	Mr.B.Gokul	Magnetic properties of Ni (OH) ₂ nanostructures	AIP Conference Proceedings	International	2013
34	Mr.B.Gokul	Influence of annealing on the physical properties of CdO thin films by SILAR method	Journal of Materials Science and Technology	International	2013
35	Mr.B.Gokul	Structural and dielectric properties of NiO nanoparticles	Journal of Non-Crystalline Solids	International	2013
36	Mr.B.Gokul	Effect of SHI irradiation on the morphology of SnO ₂ thin film prepared by reactive thermal evaporation	Vacuum	International	2013
37	Mr.B.Gokul	Swift heavy ion provoked structural, optical and electrical	Applied Physics A: Materials Science & Processing	International	2013

		properties in SnO ₂ thin films			
38	S.Sharmila	Generalised preregular closed sets in bimininal structures spaces	international journal of computer application	International	2012
39	Dr.S.S. Kanmani	Eosin Yellowish Dye Sensitized TiO ₂ Solar Cell With PEG.PEO.LiI.I ₂ As Electrolyte	Solid state Physics AIP Conf. Proc	International	2012
40	Dr.S.S. Kanmani	Synthesis and characterization of TiO ₂ .ZnO core.shell nanomaterials for solar cell applications	Renewable Energy	International	2012
41	Dr.S.S. Kanmani	Core.Shell Type ZnO.CdS Nanocomposites: Synthesis, characterization, and application for solar energy conversion	Advanced Science Letters	International	2012
42	Dr.S.S. Kanmani	Eosin Yellowish Dye-Sensitized ZnO Nanostructure-Based Solar cells employing eolid PEO redox couple electrolyte	International Journal of Photoenergy	International	2012
43	Mr.B.Gokul	Thickness dependent structural and optical properties of In.Te bilayer thin films	Materials Science in Semiconductor Processing	International	2012
44	Mr.B.Gokul	130 MeV Au ion irradiation induced dewetting on In ₂ Te ₃ thin film	Applied Surface Science	International	2012
45	Ms. B. Gayathiri	Existence of solutions of some impulsive fractional integrodifferential Equations	International of Math. Analysis	International	2012

46	Dr.R.Udhayakumar	Recent Trends in Teaching English through Literature	: International Conference on Trends in modern Literature: East and West	International	2011
47	Dr.S.S. Kanmani	On the phonon confinement and Particle size in tio2:zno nanocomposite	International Journal of Nanoscience	International	2011
48	Dr.S.S. Kanmani	Performance of Dye-Sensitized Solar Cell Based on TiO2:ZnO Nanocomposites	Advanced Science Letters	International	2011
49	Dr.S.S. Kanmani	Structural, optical, and magnetic properties ofZN1-XMNXS (X = 0.00, 0.01, AND 0.03) nanoparticles	J. Nano-Electron. Phys.	International	2011
50	Dr.R.Udhayakumar	The Affects and Effects of Using Technical Devices in Language Teaching– A Case Study	Readings in Applied Linguistics	International	2010
51	Dr.S.S. Kanmani	Self-Diffusion in Nano-ZnO	defect and diffusion forum	International	2010
52	Dr.R.Udhayakumar	Multimedia for Language Learning and Teaching	Language in India	National	2009
53	Dr.S.S. Kanmani	Laser induced metal insulator transition through exciton mechanism in quantum well systems	Modern Physics Letters B	International	2009

3.4.4 Provide details (if any) of

- research awards received by the faculty
- recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally
- Incentives given to faculty for receiving state, national and international recognitions for research contributions.

- Dr.P.Prakasam's name has been included in Marquish Who's Who in the World, USA,

2008 outstanding Intellectuals of the 21st century.

- Dr.P.Prakasam bagged Best IACSIT outstanding Award in Developing Countries for International Conference on Mechanical and Electronics Engineering (ICMEE 2009), 18 & 19, August 2009, India
- Ms. M. Archana bagged the Best Paper of the session award for the paper “Human Action Classification Using 3D Star Skeletonization and RVM Classifier” in the International conference on Computers, Communication and Intelligence at Velammal College of Engineering and Technology on 22nd – 23rd July 2010.

3.5 Consultancy

3.5.1 Give details of the systems and strategies for establishing institute-industry interface?

The institution has signed MoU with Salzer, ARS Fabrics P. Ltd, Sri Krishna Textiles P Ltd, ATMEC, CETP,ICTACT etc in order to enable the students to have actual knowledge on the application of the techniques and to make use of the expertise offered in the industries for updating the knowledge of the faculty.In plant training is organized for each semester which helps the students to get exposure of the work carried out in industries and to carry out their academic project work in such industries.

Institute facilitates students to undergo industrial visits in leading industries once in a year, so that they can get an idea of recent advancements and the different manufacturing processes carried out in industries. Faculty members visit industries related to core area of specialization and the knowledge gained is shared among students.

Local industrial visit is arranged twice in a semester and internship programmes are also planned for students to have firsthand knowledge on the application of the various techniques in research and industrial side.

Placement cell of the institution interacts with industries to know their requirement and the placement cell coordinator acts as a link between the industries and the institute. Periodical assessment is made by the college to ensure the employability intentions, by moulding the students as per industrial standards.

3.5.2What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?

The stated policy of the institution is to promote consultancy by the faculty of various departments, having good lab skills. At present the department of Civil Engineering is engaged in consultancy and the existing expertise is made known to the industries. The faculty members,

who are involved in consultancy work, are authorized to share the revenues generated from the consultancy on a 30:70 ratio. The logical benefits gained from the consultancy are treated as per the terms and conditions approved by both parties.

3.5.3 How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?

The faculty members who are eligible and have adequate exposure to industrial applications are identified and encouraged by the institution to utilize their expertise for consultancy services. The revenues generated from the consultancies are also shared by the faculty. The available laboratory resources are freely accessible to the faculty members for their consultancy works.

For example,

- Soil Mechanics Laboratory used for soil testing.
- Structural laboratory is used for beam testing.
- Concrete and high way laboratory for concrete cubes testing

3.5.4 List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years. The department of Civil Engineering offers consultancy services on concern as well as on chargeable basis. The following are the major areas in which the department substantially contributed for the consultancy, knowledge sharing.

S. No.	Academic Year	Name of the company.Organization	Industries to which provided	Amount
1	2012 - 2013	Mr.R.P.Rathi, 4E, May Flower anu keerth,38-kanusamy Road,R.S.Puram,CBE-02	Soil Test – Industrial shed godown	11235.00
2		M/s.Victoria Relators' Coimbatore -18	Structural – NDT	10000.00
3		BASF INDIA LIMITED, Construction chemical Division, Cbe-04	Concrete	5250.00
4		Mr.M.Thirumoorthy, BRS BRICKS, CBE- 20	Building Materials	300.00
5		Mr.M.Thirumoorthy, BRS BRICKS,CBE-20	Building Materials	350.00
6		Mr.Ms.Victoria Relators' Coimbatore -18	Structural – NDT	10000.00
7		Viswanathan constructions(p) Ltd, CBE-2	Concrete	1500.00
8		Mrs.T.Shanmugapriya, AP- SRIT,CBE-10	Utilization of Concrete lab	8500.00
9		Viswanathan constructions(p) Ltd, CBE-2	Concrete	250.00
10		Mr.Ms.Victoria Relators' Coimbatore -18	Soil Test	8000.00

11	2013 - 2014	Mr.Ms.Victoria Relators' Coimbatore -18	Soil test	4000.00
12		Mr.R.D.Sekar, CBE-06	Soil test	4000.00
13		Vishmitha eco Bricks, Coimbatore-107	Building Materials	500.00
14		Viswanathan constructions(p) Ltd, CBE-2	Concrete	250.00
15		M/s.Victoria Relators' Coimbatore -18	Soil test	4000.00
16		Abhinitha Foundation Put.Ltd, Chennai-17	Soil test	4000.00
17		M/s.Victoria Relators' Coimbatore -18	Structural – NDT	8200.00
18		CSI College of Engineering, The Nilgiris-643215	Utilization of structural lab	26292.00
19		Prof.T.Manoharan, PARK College, CBE-59	Utilization of structural lab	10533.48
20		2014 - 2015	M/s.Karthikeyan Associates, Coimbatore-04	Soil test
21	Mr.S.Saravanan, Coimbatore-29		Soil test	4000.00
22	N.K.Amuthavalli, TCE-CBE		Utilization of structural lab	4000.00
23	EASA college , CBE-105		Utilization of structural lab	18000.00
24	Mr.C.Jaya Prasad, TCE-CBE		Utilization of structural lab	3000.00
25	2015 - 2016	Sri Mythili Associates,Coimbatore-47	Concrete	500.00
26		Pelican associates Pvt.ltd Coimbatore	Soil Test	3000.00
27		Senthil ConstructionCoimbatore	Concrete	300.00
28		Sri lakshmi Mwdical center&hospital-CBE-34	Concrete	500.00
				250.00
				500.00
29		Mr.P.T.Nihar	Testing of Beam	6000.00
30		Sri Mythili Associates,Coimbatore-47	Concrete	500.00
31		Er.P.Thirumoorthi,AEE-PWD,Bhavanisagar.	Concrete	500.00
			Concrete	500.00
32	M/s.Swaminathan,CBE	Testing of Beam	1000.00	
Total amount generated through consultancy is Rs.				164010.00

3.5.5 What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?

The faculty members who are doing consultancy are empowered to share the benefits accrued from the outcome of the work. The revenue is shared by the faculty and the management at the ratio of 33:67. The income generated through consultancy is being spent for maintenance and procurement of advance equipment. The funds generated through consultancy are used for promoting research culture.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

A number of activities are conducted by the departments which can be compiled and given below.

S.No	Date	Event	Academic Year
All Departments (UG)			
1	19.01.2015	Blood Donation Camp, Conducted by G.Goundampalayam Urban Primary Health Center, Coimbatore.	2014-2015
2	25.02.2015	Blood Donation Camp by UIT Education Trust for the patients of Rainbow Blood Bank, Karur.	2014-2015
3	11.10.2014	Feeding the poor at ThandigaiPerumal Temple, Coimbatore	2014-2015
4	03.03.2015	Crowd control at Mari Amman Kovil, Coimbatore	2014-2015
5	10.10.2015	World largest students Meet –World Record at Codissia	2014-2015
6	12.10.2014	Accident awareness Camp, Coimbatore	2014-2015
7	11.10.2015	Crowd Regulation at ThandigaiPerumal Temple, Coimbatore	2014-2015
8	12.01.2015	Polio Vaccination Camp at Primary health Center, G.Koundampalayam	2014-2015
9	07.10.2014	Literacy Programme- JeevaKarunyaSeva Ashram	2014-2015
10	21.11.2014	Dengue Awareness Campaign ,Periyanaickenpalayam Primary Health Center	2014-2015
11	10.10.2015	Cleanliness Programe atThandigaiPerumalKovil, Coimbatore.	2015-2016
12	18.10.2015	5000 Tree Plantation 2015 organised by Sri AnnaiKarangal Association at AkudallurPeruratchi, Periyanaickenpalayam	2015-2016
13	14.10.2015	Dengue awareness in Kovanoor government Higher Secondary School,Combatore	2015-2016
14	27.11.2015	Blood Donation Camp, UIT in association with Govt. Hospital, Mettupalayam	2015-2016
15	29.10.2015	‘Siruthuli’ tree planting Campaign	2015-2016
16	13.08.2015	Plastic Eradication Program at Kotagiri.	2015-2016
17	02.11.2015 to 04.11.2015	Youth well being Program at UIT	2015-2016
Department of Civil Engineering			
18	05.06.2014	World Environmental Day Rally	2014-2015
19	09.07.2014	Rainwater harvesting – Awareness rally	2014-2015
20	12.10.2014	How to build a quality house – A public awareness student partner programme with Ultratech Cement Ltd	2014-2015
21	28.02.2016	How to build a quality house – A public awareness student partner programme with Ultratech Cement Ltd	2015-2016

22	30.06.2015	Helmet Awareness Rally	2015-2016
23	04.09.2015	Tree plantation	2015-2016
NSS Activities			
24	03.01.2016	Guru Pooja Even	2015-2016
25	06.03.2016	Womens mini walkathon	2015-2016
26	27.11.2015	NSS – Blood Donation Camp – UIT	2014-2015
27	18.10.2015	NSS – Tree plantation	2015-2016
28	14.10.2015	NSS – Dengu Awareness Camp – Kovanoor HSS	2015-2016
29	10.10.2015	NSS activities at Thandigai Perumal Temple	2015-2016
30	08.03.2015	NSS activity at Mariamman Temple Periyayanayakanpalayam	2015-2016
31	25.02.2015	NSS – Rainbow Blood Camp	2014-2015
32	19.01.2015	NSS – Primary Health Center blood donation camp – Gudalur	2014-2015
33	12.01.2015	NSS – Polio vaccination camp	2014-2015
34	21.11.2014	NSS – Primary Health Center Dengu Awareness camp – Periyayanayakanpalayam	2014-2015
35	15.11.2014	NSS rally to promote reading habit – National library day	2014 – 2015
36	01.11.2014	NSS – World’s largest school students meet at codissia	2014-2015
37	12.10.2014	NSS – Vibathu illa kovai accidental awareness camp	2014-2015
38	11.10.2014	NSS - Activities at Thandigai Perumal Temple	2014-2015
39	07.10.2014	NSS – Food Sponser – Jeeva Karunya Seva Ashramam	2014-2015
40	01.10.2014	NSS – Blood Donation to save Human Life	2014-2015
41	27.04.2014	NSS – Blood Donation Awareness Camp - UIT	2014-2015
42	27.04.2014	NSS – Blood Donation Camp	2014-2015
Tamil Mandram			
43	08.06.2015	Tamil Mandram – Debate	2014-2015
44	14.01.2015	Tamil Mandram – Inaguration	2014-2015
Rotaract Club of UIT			
45	03.08.2014	Friendship day celebration By RAC UIT	2014 – 2015
46	03.08.2014	Hosting IDYE to Annai karanghal at Anaikatti By RAC UIT	2014 – 2015
47	06.08.2014	Onam celebration By RAC UIT	2014 – 2015
48	05.09.2014	Eye camp for people in Anaikatti By RAC UIT	2014 – 2015
49	05.09.2014	Provided Dinner for students at Jeevakarunya Ashram By RAC UIT	2014 – 2015
50	23.08.2015	Karai Ellam Azhagu By RAC UIT	2015 – 2016
51	29.08.2015	Paying Homage to Dr.A.P.J.Abdulkalam By RAC UIT	2015 – 2016
52	28.08.2015	Igniting Dreams By RAC UIT	2015 – 2016
53	12.09.2015	Faces By RAC UIT	2015 – 2016
54	26.12.2015	Mattram By RAC UIT	2015 – 2016
55	14.03.2016	Save Earth Go Green By RAC UIT	2015 – 2016
56	09.04.2016	Oli sudar By RAC UIT	2015 – 2016
57	21.06.2016	Make it Fit By RAC UIT	2015 – 2016
YRC			
58	12.03.2016	Detection of Early Deafness and prevences of future Dumpness	2015-2016

3.6.1 How does the institution promote institution-neighbourhood- community network and student engagement, contributing to good citizenship, service

orientation and holistic development of students?

- Celebrating the Pongal festival with persons from old age Homes and Orphanage (Jeevanathi Home and Varahi Home)
- Onam has been celebrated in grand manner to integrate interstate culture among the student community
- The institute management believes that all religious celebration will unite all religions. Hence The Christmas, Ramzan and Vinayagar Chaturthi are celebrating in every year.

3.6.2 What is the Institutional mechanism to track students' involvement in various social movements, activities which promote citizenship roles?

The college extends all possible support to the students to involve in social movements that promote citizenship roles. The NSS, YRC and Rotract club of the college work with a focus on promoting citizenship roles in students. In each department a faculty member is assigned the responsibility of making the students get involved in social service activities. Being a well-known and reputed college in the vicinity of the city, the students frequently interact with the public with regard to various social movements/activities such as awareness programs on health and safety of the public, blood donation camp, Environmental day celebration etc.

3.6.3 How does the institution solicit stakeholder perception on the overall performance and quality of the institution?

The institution is highly concerned with its stakeholders i.e. students, parents, staff and alumni. The institution has the practice of collecting feedback from all the stakeholders regarding the teaching learning process, value addition provided, training programs conducted and facilities available in the institution. Once in a while, parents teachers meetings are conducted to convey information on the academic performance and progress of their wards. Periodically performance reports are sent to the parents through phone calls and by posts.

3.6.4 How does the institution plan and organize its extension and outreach programmes? Providing the budgetary details for last four years, list the major extension and outreach programmes and their impact on the overall development of students.

Students are made sensitive to social and humanitarian challenges through various means that are listed as under. Activities organized under NSS, YRC, Rotract club of UIT help to enhance the overall knowledge, leadership qualities, skill level and confidence of students. This in turn, helps in solving the problems and contributes positively to the growth of the society.

Budgetary.Expenditure details for the last four years

Academic Year	Name of Outreach Programmes organised	Beneficiary	Budget (Rs)	Expenditure (Rs)
2015-2016	Awareness Program on "How to	860	97,750	74,500

	Build a Quality House”			
2014-2015	Awareness Program on “How to Build a Quality House”	750	90,000	92,381
2012-2013	International Outreach	100	1,50,000	17,500

3.6.5 How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/International agencies?

The students and faculty members are given On-Duty for involving themselves in Social Awareness Programs. Participation in the extension activities is one of the important criteria for the selection of Star Performer award (Social) of the college and the department. The National Service scheme (NSS) is functioning effectively on the campus, conducting Accidental Awareness camp, Health awareness program, Blood donation camp. Engaging in social activity to bridge the gap between the fortunate and less fortunate through empowerment is the main focus of the Rotract club of our College.

3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?

During the awareness program organized by the Department of Civil Engineering on Student Partner Programme on “How to Build a Quality House”, statistics are collected about the requirements of the students from other colleges and the public opinion regarding the program. Polythene Eradication Program on Mettupalayam (Forest Department) has created pollution control awareness among the public, indicating the social responsibility of our students.

3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students’ academic learning experience and specify the values and skills inculcated.

Our students develop the following values and skills through extension activities which complement academic learning, such as Awareness on social issues, Commitment to the society, developing the spirit of social services.

Due to Extension activities, students have an opportunity to know about the various sections of the society and their requirements which brings about a transformation in the minds of the young students and the values regarding brotherhood, Communal harmony, empowerment of underprivileged are inculcated. In addition to these, it helps our students to develop their interpersonal skills, leadership quality and teamwork skills, entrepreneurial skills and managerial skills.

3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?

The Institution takes part in developing School education in its vicinity. Often awareness programs on “Higher education” by Prof.A.Munniappan, Counseling Therapist has been conducted for the school students. And Quiz competitions have been conducted by our institution to the school students of our vicinity. Institution is committed to serve the community through its outreach activities such as,

- Promoting active participation of students in blood donation camps
- Health care awareness program
- Helmet awareness program
- Tree plantings to enhance the green environment.

3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.

Our Institution has joined hands with Elite World Records Private Limited for accomplishing the great event of “Youth – Vivekanandas Ideals” by making World’s Largest Portrait of Swami Vivekananda for Limca Book of Record at Codessia Trade Fair Complex, Coimbatore.

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

Our Institution has conducted various programs and received appreciation from several bodies. Our Rotract club and a few of our students from Rotract club have received awards such as,

- Best Campus Based Club
- Star Rotractor Award (Student)
- Innovative Project
- Best Secretary Award (Student)

3.7 Collaboration

3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives – collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.

Institution has signed Memorandum of Understanding (MoUs) with industries with the ultimate aim of extending research activities. MoUs with industries help students to undergo projects for mutual benefits and revenue for this is generated by the institution. Institution also encourages faculty members to pursue research projects with the aid of several funding agencies. On the other hand, it offers good placement for students on reputed industrial concerns with expected salary packages. For example, MoU has been generated between the Department of Civil Engineering, United Institute of Technology (UIT) and the Kasipalayam Common Effluent Treatment Plant (P) Ltd (CETP), SF No. 250.1, S. Periyapalayam (po), Tirupur – 641607 in order to enable the students to have actual knowledge on the application of the techniques and to make use of the expertise offered in the industries for updating the knowledge of the faculty. And also, Kasipalayam CETP will make use of its own research strength along with UIT to proceed on the research work on Solid Waste Management (from CETP).

Similarly, institution has generated MoUs with various industries and companies like BSNL, Salzer, Sunshiv Electronic Solutions, and ATMEL to develop their curriculum and students research activities. Faculty members who are undertaking these activities are empowered to share the benefits obtained from the outcome of the work. They share the generated revenue on 30:70 ratios.

3.7.2 Provide details on the MoUs.collaborative arrangements (if any) with institutions of national importance.other universities. industries.Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

Academic Year	MoU with Industry	Contribution of Industry towards Development of Institution
2010-2011	BSNL , Coimbatore.	MOU with UIT
2012-2013	Face Academy	Aptitude and soft skills Training
	Sparkles	Aptitude and soft skills Training
2013-14	Kasipalayam Common Effluent Treatment Plant (P) Ltd	To develop research work on Solid Waste Management
	Salzer Electronics, Coimbatore	MOU with UIT
	Sunshiv Electronic Solutions, Coimbatore.	MOU with UIT & Hands-on training of Embedded System – PIC
	ATMEL Corporation	MOU with UIT
	United Infotech	MOU with UIT for Value Added Programmes
	Face Academy	Aptitude and soft skills Training
	Sparkles	Aptitude and soft skills Training
2014-2015	Six pharse	Aptitude and Placement Training
	Flocks	MOU with UIT
2015-2016	ABS	Aptitude and Placement Training
	Oracle	Core Java(OCA)
	IXEL	Advanced Java
	EDC	MOU with UIT for Enterprenuership

The institution has signed MoUs with industries to give better prospects for students about emerging technologies, which provide dual benefits, i.e academic and financial support for institution as well as a prosperous students career. Most of the times, this collaborative agreements also help the students to go for inplant training that can enrich their field knowledge.

3.7.3 Give details (if any) on the industry-institution-community interactions that have contributed to the establishment, creation.up-gradation of academic facilities, student and staff support, infrastructure facilities of the institution viz. laboratories, library, new technology .placement services etc.

- The industry-institution interactions initiated by means of various modes like guest lectures, workshops, and seminars etc., result in up-gradation of the curriculum by giving valuable suggestions to improve existing curriculum activities
- Staff and students are well equipped with practical applications of subjects
- Through MoUs, reputed industries offer good placement for students in their concerns
- In plant training, industrial visit, internships, and invited lectures are offered to the students, which are very much helpful to the students to carry over their projects

Example of research projects

- Techno craft Industries, Bangalore
- Kerala Electrical Engineering Co. Ltd, Mamala, Kochi.
- Automatic Electrical Ltd. Delhi
- Tamilnadu Paper Limited, Karur
- Manufacturing of Precast Material
- NCRA – TIFR, NASA Space Festival & Science Exhibition

3.7.4 Highlighting the names of eminent scientists.participants, who contributed to the events, provide details of national and international conferences organized by the college during the last four years.

Year	Name of the event	Name and Designation of Resource Persons
2012 - 2013	International Outreach 2013	<p>Dr.Michael Paul Fourman Professor of Computer systems, School of informatics, University of Edinburgh.</p> <p>Dr.Sharon Goldwater SICSA Lecturer, Institute for Language, Cognition and Computation, School of informatics, University of Edinburgh.</p> <p>Dr.Sethu Vijayakumar Professor of Robotics & Microsoft Research-RAEng Chair.</p> <p>Dr.Iain Murray SICSA lecture in Machine learning, ANC, School of</p>

		informatics, University of Edinburgh.
2013 - 2014	3 rd National conference on Recent Advancements in Science and Humanities (RASH' 14)	Dr. S. Mohan, Dean-Research, Vel Tech University, Chennai Dr. S. Abraham John, Director, Centre for nano technology and nano science, Gandhigram Rural University, Dindigul Dr. R. Poongothai, Professor, Kongunadu college of arts and science, Coimbatore Dr. P. Kandasamy, Professor and Former head, Bharathiar University. Dr. A. Sokkalingam, Librarian, SRKV Polytechnic College, Coimbatore Dr. E. Amuthan, Assistant Professor Maruthi college of Physical Education, Coimbatore
	National Level Conference in Emerging Trends in VLSI	V.R.Vijaya kumar Head – Department of ECE Anna University – Regional Centre, Coimbatore Dr.S.Natarajan Professor SSM College of Engineering, Namakkal Dr.B.Sathish kumar Associate Professor, SREC, Coimbatore

3.7.5 How many of the linkages.collaborations have actually resulted in formal MoUs and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated -

Curriculum development.enrichment

Usually, industries make suggestions to the institution to frame the curriculum and syllabi of various disciplines to satisfy the industrial expectation. Since the institution is affiliated to Anna University, we have no authority to make modifications in the already framed syllabi. So, the suitable suggestions to improve the existing curriculum are conveyed to the respective Board of Studies.

Internship. On-the-job training

Students from various disciplines are motivated and encouraged to improve their Industrial linkages and to have active participation in internship.on job trainings. Linkages with well established concerns admit students to pursue their academic projects there, which will be very helpful to be equipped both academically and administratively. With the aid of these trainings, students are very much inspired to submit their own creation to the institution and society.

Summer placement

Students are put into various assignments to get enough opportunities to bring out their original and innovative skills efficiently. For the willing students, summer training is one of the options to visit the reputed institutes.industries for a period of almost one month. This may also have good scope for suitable placements.

Research

Institution gives high preference for the Research activities, hence encourages and motivates the Faculty to apply for various funding projects, through which, faculty can attend various Seminar, conferences, and workshop to acquire specific specialized skills. This is very helpful in delivering the efficient materials to the students. Students are also encouraged and motivated to publish the papers in reputed journals based on these projects.

Consultancy

Consultancy works are being executed wherever the society expects. Various consulting works are carried out in fields of construction, by means of which the acquired knowledge is mutually shared with the industries and indirectly to the society. At present the **Department of Civil Engineering** is engaged in consultancy and the available expertise is made known to the industries. Total amount generated through consultancy is **Rs. 164010.00**

The faculty members, who are doing consultancy, are empowered to share the revenues generated from the consultancy on a 30:70 ratio. The logical benefits gained from the consultancy are treated as per the terms and conditions approved by both parties. The generated revenue share is utilized in improving the departmental activities.

Publication:

Ongoing research activities in various specialization fields corresponding to individual faculty are going to be published in related reputed journals.

S.No	Name of the company	Activity	Beneficiary
1	Salzer Electronics	3 - Research Projects	10
		Implant Training	8
2	BSNL , Coimbatore	Certification programmes	4
		Industrial Visit	68
		Implant Training	1
3	ATMEL Corporation	2days summit – XMEGA Microcontrollers	40
		Guest Lecture on ATMAL	69
4	Kasipalayam Common Effluent Treatment Plant (P) Ltd	Industrial Visit	69

5	United Infotech	Certificate Courses in C and Java	262
		Aptitude and soft skills	300
		AutoCAD, Archi CAD, STAAD Pro	195
		AutoCAD, Creo, CATIA & Unigraphics	550

Student Placement

The students are often trained with lots and lot of co- curricular activities and talent creating programme to face the placement confidently and successfully. The Personality development programme, Aptitude, Soft skill tests conducted, result in increasing the placements ratio steadily. The number of students placed through on and off campus drive is mentioned below:

Name of the Department	2015-2016	2014-2015	2013-2014	2012-2013
ECE	83	126	39	54
EEE	23	24	5	29
CSE	95	60	58	48
MECH	37	27	03	21
CIVIL	-	1	1	-

3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages, collaborations.

In order to elevate training and placement program, placement training coordinators and various department faculties are organizing different tests, skilled programs etc, regularly along with the management support. The management provides all kinds of supports to the placement cell to enhance its activities for students' developments, placement and social welfare activities. Efforts to sign various MoUs with highly reputed industries, companies and universities are in progress.

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?

The policy of the Institution is to create adequate infrastructural facilities to meet the requirement of the teaching and learning process. Similarly, whenever the curriculum revision happens, the institution is ready to provide the infrastructure facilities like building, lab equipment, ICT, library etc., required in addition to the existing facilities. This results in the establishment of more classrooms and laboratories with enhanced modern facilities for the engineers, preparing them to face the real world challenges and contribute effectively. The infrastructure enhancement takes place as and when required not only through the recommendations from Anna University but also as warranted by the technical advancements.

4.1.2 Detail the facilities available for

a) **Curricular and co-curricular activities – classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, Animal house, specialized facilities and equipment for teaching, learning and research etc.**

- **Curricular Activities**

The institution has spacious, ventilated, furnished class rooms, tutorial rooms with ICT facility and well equipped laboratories to facilitate the students with a better learning ambience. The available facilities are,

S.No.	Category	Available rooms
Academic		
1	Class Rooms	40
2	Tutorial Rooms	9
3	Laboratories (UG, PG & Research)	46
4	Computer Centers	10
5	Central Library	1
6	Department Libraries	6
7	Lending Library	1
8	Auditorium	1
9	Seminar Hall	3
Administrative Offices		
10	Principal Room	1
11	Vice-Principal Room	1
12	Board Room	1
13	GD and HR rooms	1

14	Examination cell	1
15	College office	1
16	Maintenance cell	1
17	HODs Room	6
18	Faculty Cabin	152
19	Placement Cell	1
20	IQAC	1
Additional Amenities		
18	Common Ladies Room	1
19	Canteen	1
20	Boys Hostel	1
21	Girls Hostel	1
22	Hostel Mess	2
23	Power House	1
24	Stationary Store/Xerox/Reprographics centre	1
25	ATM centre	1
26	Parking Area	3
27	Security office	1
28	Water Treatment Plant	1
29	Sewage Treatment Plant	1
30	Botanical garden	1
31	Medical/Sick room	1
32	NSS/YRC/Rotaract club	1
33	EDC	1

- **Co-curricular Activities**

UIT encourages the faculty members and students to take part in co-curricular activities along with their regular academic commitments to keep them exposed to recent developments in their field of interest and to share their experiences among peer groups. The faculty members and students are encouraged to associate themselves with the technical societies like ISTE, IEEE, CSI, IETE etc., to present their work in conferences and to publish in reputed National and International Journals. Participation in workshops and symposium is encouraged to sharpen their knowledge. Each department has separate Association through which students organize National level technical events under the supervision of faculty members every year. Research and Development Cell motivates the faculty members to carry out the research work and facilitate them to publish their papers in reputed journals. It also motivates the students to involve in innovative practices and encourages the students to prepare models and participate in paper presentation. Every year Engineers day is celebrated in a grand manner.

UIT facilitates the faculty and students with

- Central library with explicit reading room, reference section, Computers with e-learning materials and online learning materials.

- Auditorium and Seminar hall for organizing the guest lecture, conference, symposiums, Workshops etc.
- ICT enabled Smart class rooms for better teaching-learning.

The details of facilities available are:

S.No.	Particulars	Quantity in Numbers
1.	Air conditioned Auditorium	1
2.	Air conditioned Seminar Hall	1
3.	Seminar Hall	2

b. Extra -curricular activities - sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.

Sports activities

For the overall personality development of the students, UIT encourages the students to participate in the extension activities such as NSS, YRC, RRC, Yoga, other sports etc. Institution has appointed men, women physical directors to give training for boys and girls. The exclusive sports and games facilities are given below.

S.No.	Particulars	Quantity in Numbers
1	Open Ground	3
2	Gym	1
3	Volley Ball	4
4	Kho Kho	2
5	Ball Badminton	2
6	Kabadi	1
7	Basket Ball (Mud court)	1
8	Badminton (Mud Court)	2
9	Cricket (nets)	1
10	Football	1
11	Hockey	1
12	HandBall	1
13	Table Tennis	1
14	Throwball	1
15	Tennis	1
16	NSS/YRC/Rotaract	1
17	WEC	1
18	EDC	1

We also encourage our students to participate in National Social Scheme, National Cadet Corps, Youth Red Cross, Rotaract and cultural activities like music and dance.

4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed, augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution . campus and indicate the

existing physical infrastructure and the future planned expansions if any).

Before the commencement of any academic year, a meeting of staff members of individual departments is conducted in which an assessment is made on the facilities available and the facilities required. Once it is assessed, immediate action is taken for the procurement of books, equipment, machineries, journals etc.

Year	Particulars	Amount Spent (in Rs)
Department of Civil Engineering		
2012-2013	Laboratory Equipments and Laboratory Consumable,Maintenance	32,36,847
2013-2014	Laboratory Equipments and Laboratory Consumable,Maintenance	8,18,098
2014-2015	Laboratory Equipments and Laboratory Consumable,Maintenance	15,01,899
2015-2016	Laboratory Equipments and Laboratory Consumable,Maintenance	21,291

Year	Particulars	Amount Spent (in Rs)
Department of Computer Science and Engineering		
2012-2013	Laboratory Equipments and Laboratory Consumable,Maintenance	8,02,708
2013-2014	Laboratory Equipments and Laboratory Consumable,Maintenance	5,12,500
2014-2015	Laboratory Equipments and Laboratory Consumable,Maintenance	35,46,000
2015-2016	Laboratory Equipments and Laboratory Consumable,Maintenance	2,95,000

Year	Particulars	Amount Spent (in Rs)
Department of Electronics and Communication Engineering		
2011-2012	Laboratory Equipments and Laboratory Consumable,Maintenance	22,11,695
2012-2013	Laboratory Equipments and Laboratory Consumable,Maintenance	35,14,194
2013-2014	Laboratory Equipments and Laboratory Consumable,Maintenance	4,50,255
2014-2015	Laboratory Equipments and Laboratory Consumable,Maintenance	9,47,440
2015-2016	Laboratory Equipments and Laboratory Consumable,Maintenance	3,64,821

Year	Particulars	Amount Spent (in Rs)
Department of Electrical and Electronics Engineering		
2012-2013	Laboratory Equipments and Laboratory Consumable,Maintenance	1,49,240
2013-2014	Laboratory Equipments and Laboratory Consumable,Maintenance	9,27,256

2014-2015	Laboratory Equipments and Laboratory Consumable,Maintenance	3,36,111
2015-2016	Laboratory Equipments and Laboratory Consumable,Maintenance	20,869

Year	Particulars	Amount Spent (in Rs)
Department of Mechanical Engineering		
2012-2013	Laboratory Equipments and Laboratory Consumable,Maintenance	15,61,309
2013-2014	Laboratory Equipments and Laboratory Consumable,Maintenance	14,50,101
2014-2015	Laboratory Equipments and Laboratory Consumable,Maintenance	4,23,584
2015-2016	Laboratory Equipments and Laboratory Consumable,Maintenance	5,16,495

Year	Particulars	Amount Spent (in Rs)
Department of Science and Humanities		
2012-2013	Laboratory Equipments and Laboratory Consumable,Maintenance	9,093
2013-2014	Laboratory Equipments and Laboratory Consumable,Maintenance	1,27,178
2014-2015	Laboratory Equipments and Laboratory Consumable,Maintenance	15,288
2015-2016	Laboratory Equipments and Laboratory Consumable,Maintenance	25,320

4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

So far no students with physical disabilities are present in our institution but still facilities have been arranged for the physically challenged people.

The facilities include:

- Ramps
- Lifts
- Exclusive rest room facilities
- Wheel Chair

4.1.5 Give details on the residential facility and various provisions available within them:

- Hostel Facility – Accommodation available
- Recreational facilities, gymnasium, yoga center, etc.
- Computer facility including access to internet in hostel
- Facilities for medical emergencies
- Library facility in the hostels

- Internet and Wi-Fi facility
- Recreational facility-common room with audio-visual equipment
- Residential facility for the staff
- Constant supply of safe drinking water
- Security

Hostel Facilities:

- There are separate hostels for boys and girls inside the campus to accommodate 400 boys and 131 girls. Facilities for playing indoor games and common reading rooms with audio visual equipment are available in all the hostels.

There is a separate RO plant, purified and safe drinking water is provided to all the students

Recreational Facilities:

- There is a play ground for playing Cricket and Football. Also, there are basket ball, volley ball, and ball badminton courts in addition to the facilities for playing indoor games such as carom, table tennis, chess etc.
- Interested students are given training in yoga and they practice the same during the evening hours.

Facilities for medical emergencies

- A part-time doctor is appointed who visits the hostels along with two nurses twice a week to attend to any physical ailments of the inmates of the hostel.
- Two Ambulances are always placed in college premises for any emergency needs.

Internet and Wi-Fi facility

- Free access to internet throughout the day with Wi-Fi facility is provided to the students.

Security

- The task of providing security is outsourced and twenty four hour security is provided to the entire campus including the hostels.

Other Facilities

S.No.	Electrical components	Capacity
1.	UPS	78 KVA (In Eight different Location)
2.	Generator -1	125 KVA
3.	Generator-2	62.5 KVA
4.	Generator-3	30 KVA
5.	Solar Power Convertor	2000 Watts

4.1.6 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

A doctor appointed on part time basis visits the campus twice a week and attends to the health problems of staff as well as students. All the staff members and students are insured against the risk of accident under the group insurance scheme. In case of emergency , they are taken to outside hospitals by a separate vehicle.

4.1.7 Give details of the Common Facilities available on the campus-spaces for special units like IQAC, Grievance Redressal unit, Women's Cell, Counseling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.

S.No.	Common facilities
1.	Auditorium
2.	Canteen
3.	Centre for Upskilling and Empowerment
4.	Counselling and Career Guidance
5.	Entrepreneurs Development Cell
6.	Fine Arts Club
7.	Grievance Redressal unit
8.	Gymnastic Facility
9.	Health Care
10.	IQAC
11.	Placement Cell
12.	Recreational spaces
13.	Safe drinking water facility
14.	Stationery Store
15.	Tamil Mandram
16.	Training Cell
17.	Womens Empowerment Cell
18.	NSS
19.	YRC
20.	Rotaract club

4.2 Library as a Learning Resource

UIT Learning Resource Centre has always been striving hard to meet the expectation of its users. The Learning Resource Centre was built up with 465 Sq.m and it contains 45824 volumes of books; it subscribes to 95 Scholarly Journals and 1547 CDs.DVDs on different topics. The Learning Resource Centre is on its way to becoming an outstanding Learning Resource Centre by providing high quality Library Services. LRC is a member of DELNET, INDEST-AICTE, and IEEE consortium. It enables the users in acquiring current contents in the field of Engineering and Technology. It has fully automated housekeeping activities using Library Management Software called “MORDERNLIB”.

4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student.user friendly?

Yes, UIT Library has an Advisory Committee. The composition of this Committee is as follows:

S.No.	Name of the Members	Designation	Position
1	Dr.P.Prakasam	Principal	Chair Person
2	Prof.D. Edwin Joseph Raj	Vice Principal	Member
3	Dr.Bansal Rajkumar	Dean - MS	Member
4	Mr. C.M. Anand Partheeban	AP/ Mech	Member
5	Mrs. S.Mythili	Asso.Prof/CSE	Member
6	Mrs. K.Sridevi	Asso.Prof/Civil	Member
7	Mrs. D.Gokila	Asso.Prof/ECE	Member
8	Mr.D.Karthick	AP/EEE	Member
9	Mr.M.Prabhu	Librarian	Member Secretary

The function of the Library Advisory Committee is as follows.

- To outline the collection development policy, and to monitor and evaluate Library services rendered to the user community.
- To guide the Librarian in formulating general library policies and regulations which govern the functions of the library.
- To supervise the allocation and utilization of funds for different departments for purchase of books and journals for the Central and Departmental libraries.
- To provide proper documentation services in addition to updating the Library collection.
- To work towards modernization and improvement of Library and Information Services.
- To formulate policies and procedures for efficient use of Library resources.
- To formulate action plan for the development of library infrastructure, facilities, products and services.

- To motivate students and staff to inculcate reading habits.
- Evaluate and take necessary action for the suggestions made by the library users.

Significant Initiatives:

- Became a member in DELNET, INDEST- AICTE consortium
- NPTEL Subscription
- Remodeling the Steel Book Stacking Racks into Wooden Book Stacking Racks
- Increasing the seating capacity in the reading room
- Design and hosting of a unique Library website
- Creating a new section in Reference Hall named “Proficiency Corner” for the betterment of competitive exam aspirants.
- A new additional smart card reader was installed to ascertain the user’s identification.

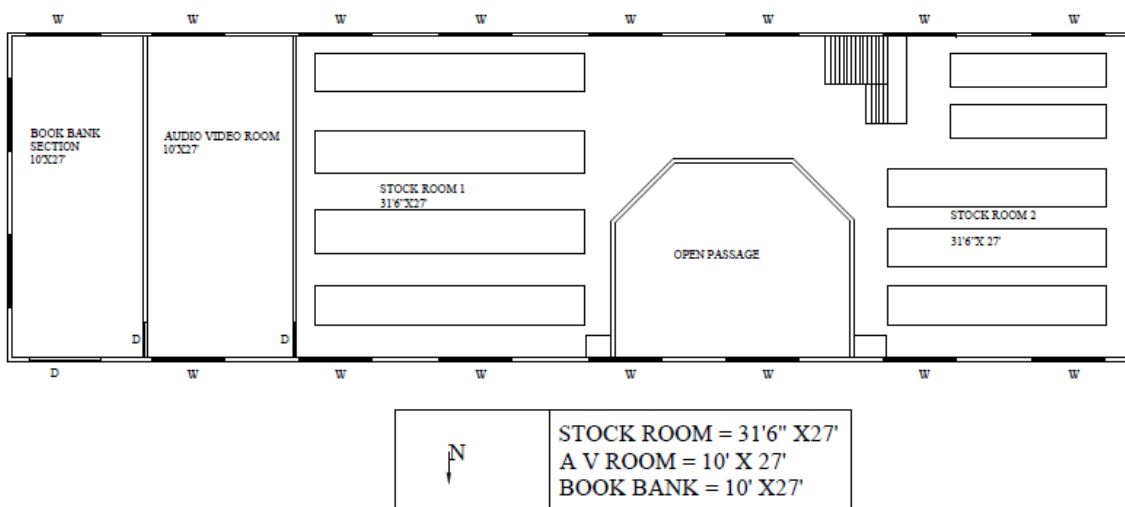
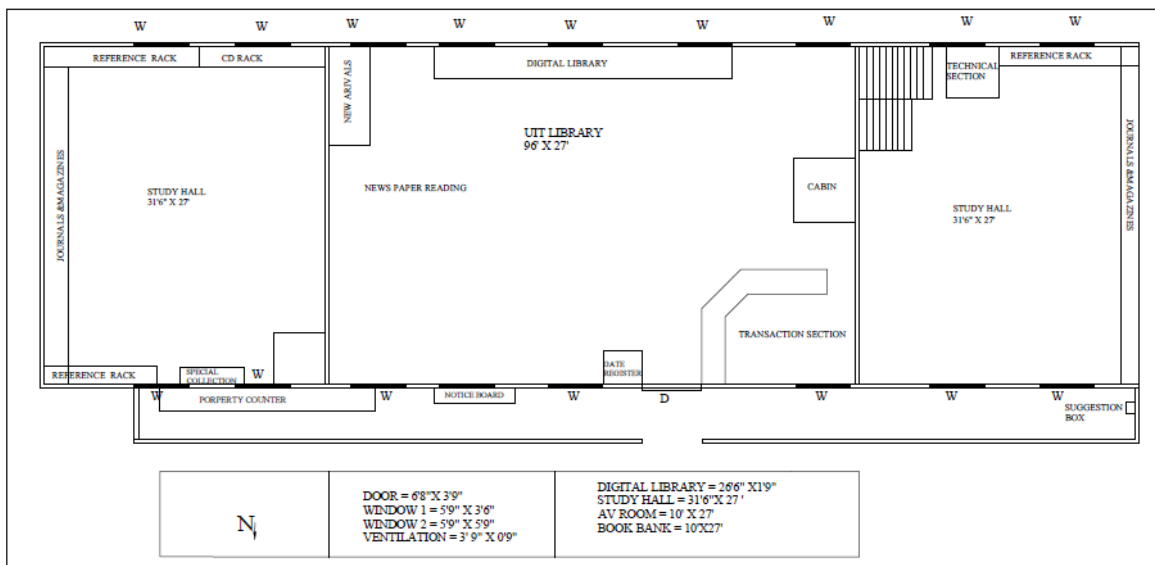
4.2.2 Provide details of the following:

- Total area of the library (in Sq. Mts.) 465 Sq. m
- Total seating capacity : 120 seats
- Working hours (on working days, on holidays, before examination days, during examination days, during vacation)

The working hours are as follows

On working days	: 08.00 AM to 07.00 PM
Holidays	: 10.00 AM to 01.00 PM
Before examination	: 08.00 AM to 07.00 PM
During examination	: 08.30 AM to 05.00 PM
During Vacation	: 08.30 AM to 05.00 PM

- Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)



4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.

Procurement of learning resource constitutes the primary responsibility of library. Library makes a systematic effort in building up the collection development by identifying, evaluating, selecting, processing and making it available to the users.

Faculty and students can recommend the books to be procured for their course through prescribed book recommendation forms endorsed by the respective Head of the Department. All faculty. Students recommendation indents will be routed through Principal for the approval of Chairman for making financial allotment. The ordering can be done depending upon the

quotations received from 3 vendors, the convenience of the library with standard terms and conditions. Purchase order can be placed to the Vendors based on their performance like prompt response to the queries, speed of supply, adherence to the terms and conditions, etc.

After receiving the resources, library staff start accessioning the resources as per the rules and regulations followed by the library. In order to deliver the “Right Information to the Right User at the Right Time” library provides a user friendly environment by incorporating various Information Communication Technologies for its user services.

The library has a good collection of books, back volumes, etc. The details of which are given below:

Details of amount spent on procuring new books, journals and e-resources ant etc.,

Library Holdings	2012-2013		2013-2014		2014-2015		2015-2016	
	Number	Total Cost	Number	Total Cost	Number	Total Cost	Number	Total Cost
Books	7,973	20,60,989	8,078	19,00,516	4,122	11,76,914	4858	12,01,147.1
Journals. Periodicals	89	3,29,357	82	1,20,891	60	1,24,889	60	1,12,855.00
e-Resources	1	11,500	1	11,500	1	16,500	1	11500.00
Total		24,01,846		20,32,907		13,13,303		13,25,502.1

4.2.4 Provide details on the ICT and other tools deployed to provide maximum access o the library collection?

- OPAC

Two dedicated computer systems are available in stack area for Online Public Access Catalogue. User can search the availability of the book by providing the keyword for searching by mentioning the name of the author, title, publication etc., and user can also know the details about “who borrowed, when it will be returned” and reserve the same.

- Electronic Resource Management package for e-journals

IEEE, DLINE, iManagers and J-GATE e-Journals packages are available in the library.

- Federated searching tools to search articles in multiple databases

J-Gate is an electronic gateway to global e-journal literature. J-Gate provides seamless access to millions of journal articles available online. J-Gate Engineering & Technology (JET) is a subset of J-Gate and indexes e-journals in the fields of Electronics, Electrical, Civil, Information Technology, Computer science etc.

- Library Website

The UIT Learning Resource Centre has its unique website (<http://uitcentrallibrary.webs.com>) and it is being maintained and regularly updated by Library staff. The UIT Learning Resource Centre Website is holding the following gateways...

- About the Library
 - E-Learning Gateway
 - E-Journals Gateway
 - Courseware
 - Proficiency Corner (Online preparation for GATE.GRE & Civil Service Exams)
 - Online Question Bank
 - Library Virtual Tour
 - Library Forms (Downloadable)
 - Ask a Librarian (Chat with Librarian)
 - Forum
- In-house.remote access to e-publications

The Digital Library facilitates provide access to Electronic Information and library services to ensure that the information needs of our students, faculty, and staff are met. The Digital Library Sections are equipped with 10 terminals as a part of Central Library.

- Library automation

Library has fully automated housekeeping activities by using Library Management Software called “MODERNLIB”. It is integrated library management software with OPAC facility.

- Total No. of Computers for Public access : 10 Nos
- Total No. of Printers : 01 No
- Internet Bandwidth : 14 mbps

- Institutional Repository

Learning Resource centre has installed DSpace Open Source software for an online archive for collecting, preserving, and disseminating digital copies of the intellectual output of the institution. Ex. Project Reports, Faculties publication, Conference Proceeding etc

- Content management system for e-learning

Successfully implemented the following systems towards promoting e-learning

Learning Management System (LMS)

NPTEL: National Programming on Technological Enhanced Learning videos through LAN

- Participation in Resource sharing networks.consortia (like Infflibnet)

Learning Resource Centre is a member of DELNET. Through this facility, users can access union catalogue of all member institutions, in addition to availing “Inter Library Loan” services. LRC has actively made use of this facility.

4.2.5 Provide details on the following items:

- Average number of walk-ins : **107 / day**
- Average number of books issued/returned : **85 / day**
- Ratio of library books to students enrolled : **24:1**
- Average number of books added during last three years : **5686**
- Average number of login to opac (OPAC) : **24 / day**
- Average number of login to e-resources : **76 / day**
- Average number of e-resources downloaded/printed : **09 / day**
- Number of information literacy trainings organized : **NIL**
- Details of “weeding out” of books and other materials : **News Paper**
/Every Six months once.

4.2.6 Give details of the specialized services provided by the library

- Manuscripts : Nil
- Reference : Yes
 - Dictionaries, Encyclopedias, Handbooks, Standards, Journals Back Volume and the entire subject related books are available.
 - General books related with various competitive examinations like GATE, TOFEL, GRE, UPSC, SET.NET, and TNPSC are available to the students and faculty members make use of the books in the reference section.
 - Online reference service through E-mail and library forum is functioning effectively.
- Reprography
Reprographic services are available for students and faculties
- ILL (Inter Library Loan Service)
 - Library maintains an inter library loan arrangement with leading local libraries. Apart from this, library also has membership with DELNET (Developing Library Network) New Delhi.
- Information deployment and notification : Yes
The following information are displayed in the notice board
 - The library notices, circulars are displayed.
 - The names of Best users of the library among both students and faculty members are displayed in the notice board and OPAC every month.

- The clippings of various placements, Educational, Motivational, and Opportunities published in the Daily Newspapers and Magazines are displayed in the notice board.
- Clippings of the great leaders speeches and quotes are displayed.

Our library displays the information about the “world proclaimed day” in the reading section regularly.

- Download: **Yes**
 - The students and faculty members can download through e-resources
- Printing: **Yes**
 - The students and faculties are allowed to take print outs of needed information.
- Reading list. Bibliography compilation : **Yes**
 - Cataloguing and classification are done according to the library collections.
- In-house.remote access to e-resources : **Yes**
 - Through LAN connectivity.
 - DELNET, DLINE, i-managers e-resources available for users access.
- User Orientation and awareness : **Yes**
User awareness program is conducted for the freshers on how to use the library in the beginning of the academic year.
- Assistance in searching Databases : **Yes**
Library staff members help the users for searching the books and articles either manually or through OPAC.
- INFLIBNET.IUC facilities : **Yes**
 - DELNET (Developing Library Network)

4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college.

The library is providing every support to the staff and students to avail the various facilities. The details are given below.

- The library has fully qualified and experienced staff members.
- Three books are issued to the students and five books are issued to the faculty.
- Personal assistance for searching the database with training sessions
- Digital Library with 08 Computers for e-journal access and internet browsing.
- Separate Reference, Periodical, and Circulation section.
- Reprography facility available
- Printing and downloading facility
- Conducting library User awareness programmes to all, in the beginning of the academic year.
- To encourage the library usage, best users are selected and details displayed on the College portal and library notice board every month

- To motivate the students to develop the habit of using books, Essay competition is conducted and winners are given prizes.

4.2.8 What are the special facilities offered by the library to the visually.physically challenged persons? Give details.

- A separate place is allocated for differently abled users.
- The library supporting staff helps them in searching and accessing the library resources.
- First preference for circulation and other facilities.

4.2.9 Does the library get the feedback from its users? If yes, how is it analyzed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analyzed and used for further improvement of the library services?)

Yes the library always gets useful feedbacks from users and the visitors,

- A suggestion box is kept in the library.
- Feedback form available through online (Library Website) structured questionnaire format.
- Structured questionnaire is circulated to the users at the end of semester through online . offline mode. Based on their feedback necessary steps have been initiated by the Learning resource centre such as
 - Extended library hour
 - Developing institution repository
 - Special books collection
 - Proficiency corner - GATE
 - Book Bank Scheme
 - Number of books issued to the students is increased from 3 to 4.

4.3 IT Infrastructure

4.3.1. Give details on the computing facility available (hardware and software) at the institution.

UIT provides 638 computers spread across various labs for the benefit of students and faculty members as well.

Number of Computers with Configuration:

Year	Systems Server Configuration	Quantity
2015	N Computing thin client	160
2015	DELL SERVER - Intel Dual Xenon ,128GB RAM	1
2015	DELL NAS - NX3200 6*3TB	1
2013	Zenith SSPC - Intel core i3 2.3 GHZ,2GB DDR3,320GB SATA HDD	120
2012	IBM Server - Intel Xerox Quad Core 2.40 GHZ,8*6 GB RAM,300*4 GB	2
2012	Zenith PC - Dual Core 3 GHZ,2GB DDR3,320 GB SATA HDD	30
2011	Zenith PC - Dual Core 3 GHZ,2GB DDR2,320 GB SATA HDD	146
2010	HCL PC - Intel Core i3 2.93 GHZ,2 GB DDR3 RAM,250GB Sata HDD,17 Monitor, HCL Keyboard and Mouse	66
2010	HCL PC - Intel Core i3 3.6 GHZ,2 GB DDR3 RAM,250GB Sata HDD,17 Monitor, HCL Keyboard and Mouse	15
2009	IBM Workstation – phone and FTP	1
2009	HCL PC - IC2D E7400 2.80 GHZ, 2GB DDR, 160 GB Sata HDD	96

List of Software

S.No	Name of the Software	Quantity
1	Auto CAD	125
2	Hiclass Software version 4.2	35
3	DsktpEdu ALNG LicSAPk OLV E 1y Acdmc Ent	30

4	SQLCAL ALNG LicSAPk OLV E 1y Acdmc Ent DvcCAL	10
5	VSProwMSDN ALNG LicSAPk OLV E 1y Acdmc AP	1
6	WinSvrStd ALNG LicSAPk OLV 1 y Acdmc AP 2proc	1
7	SQLSvrStd ALNG LicSAPk OLV E 1y Acdmc AP	1
8	CODE GEAR C++ BUILDER 2009 PROFESSIONAL	60
9	SCI LAB	N users
10	XILINX ISE FOUNDATION SERIES	10
11	GNU - OCTAVE	N users
12	Automation Studio	1

4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

- Internet with 14 mbps and intranet facility is available across the network in the campus. UIT has invested in an ultra high-speed Fiber Optic Backbone for networking across the campus.
- Out of 638 systems, 120 systems are connected via WLAN and all the remaining systems are connected via LAN.
- IT infrastructure configured 23 Access point in our college campus that covers entire premises. This resource provides excellent internet facility to our students and faculty.
- Apart from UIT systems, students and staff can use their own laptop computers to access the Internet.
- Wi-fi facility is available to the hostel students.

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

- Our institution is always very keen to deploy and explore new technologies in our IT infrastructure; very recently we incorporated N-Series thin clients from NComputing. It dramatically simplifies the overall design, increases efficiencies and reliability, and is the enabler for features and performance intended to better that of a PC.
- Netcon Technologies India Pvt. Ltd helps us to build highly reliable network and IT infrastructure.
- In our institute we are planning to set up a mobile application laboratory and cloud laboratory.

- Migration to Google Apps for Education. A suite of free productivity tools for classroom collaboration.
- Our college premises is entirely monitored by camera surveillance, we configured camera facilities to keep an eye on activities of students and to ensure smooth functioning of all activities.
- Projector is installed in most of the classes. Faculties use projector for video presentations, power point presentations, Hands on training, live demo classes to ensure that the students get a good understanding of the basic concepts easily.
- The NAS (Network-attached storage) service to staff and students to store data and provides a central access with round-the-clock availability so that both staff and students can access the data anywhere from the college premises.

4.3.4 Provide details on the provision made in the annual budget for procurement, upgradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)

At the end of every academic year, the officer in charge of Labs should submit the status report to the respective HOD. Inspection will be done by Principal.Management and a budget preparation will be made following the status report. The following table gives the details of the provisions made in the annual budget for procurement, upgrading, deploying and maintenance of the computers.

Academic Year	Computing facilities & Software (Rs.)
2012-2013	30.73.076
2013-2014	32,23,269
2014-2015	35,12,500
2015-2016	2,95,000

4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching, learning materials by its staff and students?

The class rooms are fitted with LCD projectors to enable power point presentation of the learning materials prepared by the faculty or down loaded from the open source materials. Since NPTEL facilities are also available, the students are made to learn certain topics by listening to the lectures in addition to the class room lectures. To make the best use of internet facility available, the students are also given net-based assignments.

The institute provides digital library facility for all the staff members. The software tools required for teaching and learning are also available. Following provisions are available for the extensive use of ICT resources.

- Faculty members create course files in LMS which include e-sources such as lecture notes, each topic notes related to the syllabus, university questions, question bank, puzzles, quiz and important two mark questions with answers.
- The various departments develop their course presentation for classes.
- Teaching aid provisions like LCD projector and OHP are available in the class rooms.
- Faculty members are provided with internet connected system, through which the teaching materials like NPTEL and IIT videos are downloaded for the better understanding of the subject concepts.
- Online demo is arranged by the faculty members to understand the industrial scenario.
- Quiz session have been created for all the subjects and uploaded in the LMS.
- The institute developed E-box, e-journal and LMS for student benefits
- ICT facilities are used by the students to organize computer based activities.

4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching - learning resources, independent learning, ICT enabled classrooms, learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.

The institution has always been placing the students at the center of the teaching learning process. The vision and the Mission of the institution is to provide holistic knowledge to the students. The students are made aware of the various learning resources available on line through open source such as course materials of various standard institutes in and outside India. Students are encouraged to view webinars of MATLAB, NPTEL. Coursewares are developed by faculty members and uploaded in institute web portal for access by students in a secured manner.

This contains

- Lesson Plan
- Syllabus
- Lecture Notes
- Puzzles
- Question bank
- Objective. Small questions with answers
- Link to video materials
- References

The e-journals and e-library facilities are available for both students and faculty members to enhance knowledge in their domain.

4.3.7 Does the Institution avail of the National Knowledge Network connectivity

directly or through the affiliating university? If so, what are the services availed of?

Yes. National Knowledge Network connectivity is available in the library directly and also through the affiliating university. The NPTEL, IIT videos, e-journals, e-resources, webcasts and webinars are accessed and also the online demonstrations/discussions through global technical forums are availed. This helps enhancement of the learning experience of the students.

4.4 Maintenance of Campus Facilities

4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?

As per ANNA UNIVERSITY and AICTE guidelines the labs, class rooms and other amenities are established in UIT. The total area of the college is 41439.809 Sq.m, of which the building area is 20,530Sq.m.

UIT trust makes allocation of funds through financial budget for maintenance and upkeep of the campus facilities. In addition to the requirements submitted by the various departments in the form of budget, the overall budget is prepared in consultation with the management for optimal allocation of available funds.

Budget allocation and expenditure details for maintenance and upkeep of campus facilities for last 4 years are as follows:

S.No	Particulars	Rupees in Lakhs							
		2012-13		2013-2014		2014-2015		2015-2016	
		Budget	Utilized	Budget	Utilized	Budget	Utilized	Budget	Utilized
1.	Building	210	200	300	310	100	113	4.0	3.74
2.	Furniture	50	55	50	56.87	10	10.81	2.0	1.59
3.	Equipment	70	81.28	55	61.52	20	30.14	10.00	6.38
4.	Computers	20	21.77	40	38.01	40	41.29	3.84	2.95
5.	Vehicles	50	44.89	50	53.24	60	61.38	-	-
6.	Library	20	24.02	20	20.33	20	13.13	13.00	12.84

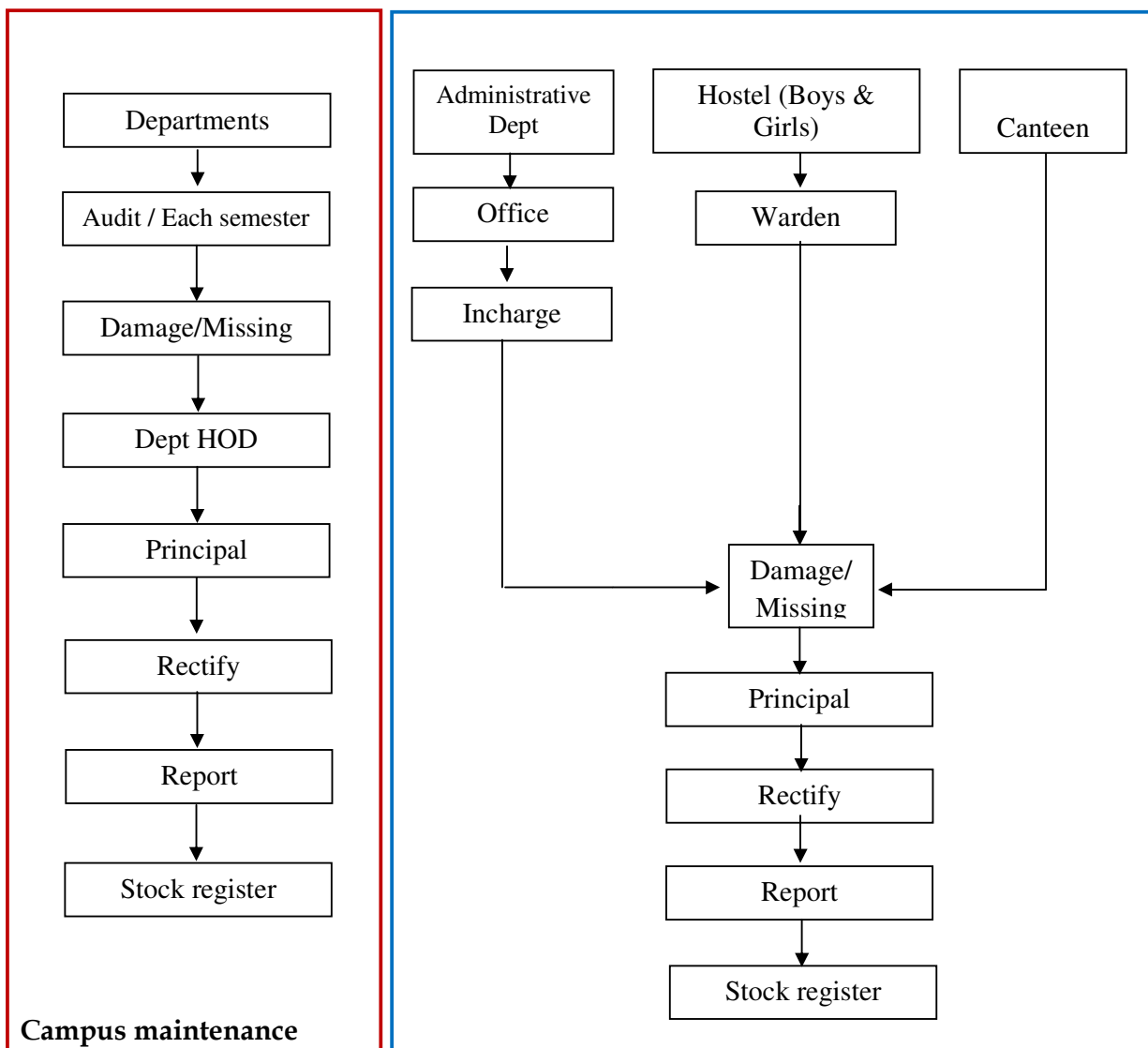
4.4.2 What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

At UIT all the equipment, instruments, machineries are properly used and maintained as recommended by the manufacturer to minimize the wear and tear and damage. Every department maintains a stock register for the available equipment. Benches, desks and other furniture are centrally maintained by the administrative office. All facility audit is being insisted upon for the interdepartmental verification of stock before the commencement of each semester and the

missing or damaged items are noted. If the instruments are in maintenance of guarantee period, the information is directly conveyed to the Principal by the Head of the department and the service action is carried out by the department.

Academic Dept Audit Mechanism

Adminstration / Amenities Audit Mechanism



An exclusive housekeeping department takes care of the complete campus maintenance. The institution has outsourced security service for safety purpose round the clock. A maintenance register is available in the office, in which all the infrastructure related complaints and recommendations are registered. This ensures the proper functioning and improvement of the equipment and other facilities. During class committee meetings students feedbacks on infrastructure facilities are considered and suitable actions are initiated, if necessary.

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment, instruments?

Each department ensures that all the equipment work properly without error by making calibrations as per the schedule prescribed in the operating manual of the equipment. As a procedure, one instrument from the segment is taken to calibration centre and remaining instruments are calibrated against the calibrated instruments once in a year. This ensures precision and good maintenance of instruments which are made available to the students during their practical sessions. In civil engineering department, they are running a consultancy named “TRACKS”. They are maintaining a calibrate mandatory policy, where they calibrate their equipment mandatorily at the end of each semester.

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

The campus is established with UPS facilities of capacity 81KVA and all precious instruments are kept in air conditioned rooms. Three generators of capacity 125KVA, 62.5KVA, 30KVA is also installed. Sensitive equipment like panel board, power main board are being maintained with the proper safety provisions in all the laboratories and office by the respective incharges. The power is distributed with proper grounding to all the labs, class rooms, office etc., from main control panel via sub control panels hierarchically. All panels are erected with advanced circuit breakers to ensure safe and secure delivery of electrical power.

The water source facility is ensured by three interlinked bore wells with submersible pumps to ensure constant supply of water to the college and hostel campus. An effective system is practised to rectify the issues, if any. Water doctors are installed in all points in the campus to provide purified water to the students. Water from external sources is brought to cater to the needs of the hostel inmates, whenever necessary.

CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

5.1.1 Does the institution publish its updated prospectus.handbook annually? If 'yes', what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?

Yes. At the beginning of every academic year, the institution provides Hand book (calendar) to all the students. This Hand Book contains Vision, Mission and details of Programs offered by the institution, Academic Schedule, facilities available in Central Library, Computer Facilities, Hostel rules and regulations, General instruction to all students to be followed inside UIT premises: Information about the Governing Council and UIT Educational Trust is included in the hand book. Provisions are also given for the students to record their academic progress and the time-table for both semesters during the academic year.

In addition, the list of faculty members of various departments, supporting staff, administrative staff, drivers of various buses, security officers are also provided with their designation for better transparency and smooth conduct of regular affairs. Information given in the Hand Book. Prospectus on various clubs functioning in the college facilitates students to become members in the clubs of their interest and to sharpen their talents, over and above academics. In addition to the hard copy, a soft version of the Hand Book is also published over college web site www.uit.ac.in which is updated periodically.

5.1.2 Specify the type, number and amount of institutional scholarships, freships given to the students during the last four years and whether the financial aid was available and disbursed on time?

“UIT Trust Scholarship” is the scholarship scheme constituted to appreciate and encourage the meritorious students of each department which carries a cash award and appreciation certificate and are distributed during the College Day celebrations every year. Students who represent at district/state/national level in sports and track/field events are encouraged with scholarships and the magnitude of scholarship depends on their achievements.

5.1.3 What percentage of students receives financial assistance from state government, central government and other national agencies?

Both Central and State Governments offer scholarships to students from socially and economically backward sections and at UIT all the eligible students under those schemes are identified, given awareness and encouraged to apply for those scholarships. In addition, all the necessary helps are extended to the needy students by the way of providing guidance, bonafide

certificates, fee structure certificate etc., while applying for scholarships from other resources.

CENTRAL AND STATE GOVERNMENTS OFFER SCHOLARSHIPS

Academic Year	No. of Students who received Scholarships	Total No. of Students in the Academic Year	Total Amount of Scholarship	% of Students who received Scholarships
2012-2013	597	1323	10877925.00	45.12
2013-2014	1007	1703	20152935.00	59.13
2014-2015	1232	1781	22546900.00	69.17
2015-2016	1384	1774	28370150.00	78.01

UIT TRUST SCHOLARSHIP

Academic Year	No. of Students who received Scholarships	Total No. of Students in the Academic Year	Total Amount of Scholarship	% of Students who received Scholarships
2012-2013	127	1323	4199475.00	09.59
2013-2014	112	1703	6623010.00	06.58
2014-2015	212	1781	8516700.00	11.90
2015-2016	297	1774	6391585.00	16.74

5.1.4 What are the specific support services / facilities available for Students from SC, ST, OBC and Economically weaker sections.

The complete information about and guidelines regarding the scholarships offered by Central Government, State Governments and other private organizations are conveyed by the institution during the admission of each student.

Students will be identified by tutors and class advisors; awareness on those scholarships will be provided to the identified students. The procedures to apply for those scholarships will be displayed on the notice boards. Students can get help from Student relationship offer regarding the scholarship.

Following are the list of scholarships presently availed by the students of UIT.

- BC.MBC Higher Educational Special scholarship
- SC.ST Free Education Scholarship
- Chief Minister's Uzhavar pathuk kapitu thittam
- First Generation Graduates Scholarship
- Moma Minority Scholarship

- **Services / facilities available for Students with physical disabilities**

UIT provides comfortable facility for physically challenged students for their learning. Some of the facilities created at UIT for such students are

- Ramp facility for easy mobility
- Lift facility
- Specially designed rest-rooms

- **Services / facilities available for Overseas Students**

So far no overseas students were admitted at UIT

- **Services / facilities available for Students to participate in various competitions.**

National and International

- Students are always encouraged to participate in competitions related not only to sports and games but also academics and cultural activities.
- Students can avail on-duty leave whenever they wish to participate in such co-curricular events.
- Institution shares the travel allowances for the students to participate in the events outside the institute.

- **Services / facilities available for Medical assistance to students: health centre, health insurance etc.**

- There is a health centre functioning in the campus and a doctor is appointed on part time basis who visits the campus to attend to any health problems of the students.
- All the students are covered under Group Personal Insurance.
- Exclusive Sick rooms for boys and girls with required medical facilities are available to care for the ailing students.
- The institution provides ambulance facility for medical emergency.
- Dispensary with a doctor and female staff nurse is available to all inmates between 6.00 pm and 9.00 pm on all days and the medical services are provided free of cost for all inmates.
- First Aid box is available in all departments, laboratories and hostels.
- All the students are covered by free Group Insurance scheme.

- **Services / facilities available for organizing coaching classes for Competitive Exams**

The institution has planned to organize coaching classes for competitive examination for students willing to appear for such examination and attend coaching classes. The students have already been informed about these kinds of activities

through the Center for Up Skilling (CUE).

- **Services / facilities available for Skill Development (Spoken English, Computer literacy, etc.)**

- A separate Language lab is also utilized for improving the communication skills of the first year students.
- Value Added Program (VAP) has been conducted for the students of second year which provides knowledge about software skills in their core department.
- Training and Placement Cell-TPC of the college organizes the communication Skills, soft skills and personality development sessions on regular basis for all students.
- Centre for Up Skilling provides up skilling activities for the students in all perspective views to make the students technically strong with their core engineering department.
- Aptitude classes are conducted for third year students every week which has been included in their regular time table

- **Services / facilities Support for “Slow Learners”**

- The class advisor and tutors identify the slow learners (subject wise) by class room observation and tests. Those students are counselled initially by the concerned subject faculty member to prepare them mentally to improve their performance.
- Special classes were arranged by the subject faculty member after completing the class hours and also during holidays.
- The slow learners and students who are at the risk of failure are identified and their difficulty in learning is assessed by the respective mentors and additional coaching is given on the subject of their choice.
- The slow learners’ performance is immediately informed to the parents and counseling is given to the students in the presence of their parents individually by his/her mentor, class advisor, HoD and the Principal.
- Special concentration is given to the Tamil medium students. Repeated coaching and writing practice is given to them. Students are given training to overcome their fear for language right from their first year.
- The slow learners are encouraged with proper identification and prizes when they improve their academics.

- **Services / facilities available for Exposure of students to other institutions of higher learning / corporate / business house etc.**

- Students are motivated towards various competitive exams to pursue higher studies like M.E, M.S, MBA, etc.

- Students are free to approach any faculty of their choice to get their doubts clarified regarding the preparation for these exams.
- All the faculty members and the management are encouraging the students and instill in them the importance of higher education, and the various opportunities inside and outside state and country.
- Books required for the preparation of GRE, TOEFL, GATE, TANCET etc are made available for the students in the library.
- MoUs have been signed with various reputed organizations for the benefit of the students to have better link with the academia and the industry.
- Students have in-plant training in at the end of each semester to get equipped with practical knowledge and to about the new technology available in the organization.
- Final year students are allowed for internship with a duration of two to three months in their core industries.
- **Services.facilities available for Publication of student magazines**

Every department of UIT releases souvenirs through technical symposium which provides a platform for the students to share their vision, knowledge etc., among their peer groups.

5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

- The 'Entrepreneurship Development Cell (EDC)', is just started in our campus.
- Entrepreneurship Development Cell-EDC was founded with an aim to coordinate the entrepreneurial activities.
- It has been high on the cells agenda to promote entrepreneurship among the students and has held a gamut of events to achieve the goal.
- To conduct orientation programmes for students to attract them into establishing their own enterprises.
- To organize workshops with the participation of successful entrepreneurs.
- To conduct research work and survey for identifying entrepreneurial opportunities.
- To organize training programmers on establishing and managing industrial units.
- To discuss with the students the opportunities, financial assistances, Government procedures, practical difficulties they encountered as entrepreneurs and the strategies to overcome those difficulties.

5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co- curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc.

- **Additional academic support, flexibility in examinations**
 - **Special dietary requirements, sport uniform and materials**
 - **Any other**
- The institution espouses to motivate students to participate in various extracurricular activities by ensuring consistent encouragement.
 - We have well prepared play grounds and net practice courts for foot ball, volley ball, cricket, hockey, kabaadi, kho kho, badminton.
 - The winners and runners – up are awarded with prizes and certificates.
 - The talented students are identified and trained for participating in zonal and state level competitions.
 - A male physical director is available to give practice and coaching sessions, every morning and evening.
 - A woman physical director is appointed specially to give practice and coaching sessions for girl students.
 - Departments conduct technical events during the time allotted for Association activities. General quiz, debates and group discussions are a part of these meetings.
 - The Institution provides students several opportunities to display latent skills through the Music and Dramatic club.
 - They participate in cultural programmes at the College Day Celebrations.

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR- NET, UGC-NET, SLET, ATE . CAT. GRE. TOFEL. GMAT. Central .State services, Defense, Civil Services, etc.

- Faculty members encourage the students to face competitive exams by providing coaching classes.
- Books and other reading materials for competitive examinations are available in the central library.
- The Training and Placement Cell notifies students and provides information about competitive examinations.
- A general circular is issued by the head of the institution during at the time of announcement of all competitive exams and related coaching class schedules.

5.1.8 What type of counselling services are made available to the students (academic, personal, career, psycho-social etc.)

Academic and Personal Guidance

Faculty members are allotted as Tutors with the faculty, student ratio of 1:20. The Tutor records, maintains the daily attendance and academic progress of all students of that class. Also, the students discipline and academic progress are informed by the Faculty advisor to the HOD instantly. The tutors associate very closely and keep track of all their activities and care for the students like a mentor.

The faculty advisors consolidate the progress of their wards in pre-designed record called 'Green Card' wherein provisions are available to record not only academic details but also personal information.

In the tutor ward meeting is being conducted, every week in which the minutes of the meeting are recorded for the benefit of their ward students. In addition to that, the tutor will also record and maintain the details of counselling given to the students from time to time, communications with parents.guardians, parents visit and the points discussed with them etc.

In case of any irregularity, either in attendance.academic performance or in general behaviour, the particular student is immediately counselled by faculty advisor and the respective HOD. Parents are also involved in the counselling process whenever required.

Career Counseling

The College takes in, the Career Guidance and Counselling through the conduct of training programmes in the areas of communication skills, personality development, leadership skill, soft skills and interpersonal relationship. Special coaching classes are conducted periodically to enhance their performance in the competitive exams, in the areas of numerical ability, arithmetical skills, verbal and nonverbal reasoning, aptitude and attitude, language skills, programming skills etc. Students are also motivated and prepared to succeed the competitive examinations like GATE, TOEFL, IELTS, GRE and UPSC.

The college also provides avenues for overall development of the students through activities which involve professional bodies like IEEE, IETE, ISTE, CSI, IE (I), ASME, ICTACT, etc. An array of Cells and Clubs to cater to the varied interests of students function in the campus like English Proficiency club, Rotaract club, Youth Red Cross, Creative Club, Yoga and Meditation, Cultural club, Tamil Mandram, Android development club, and Photography club.

The Centre for Upskilling and Empowerment (CUE) and Entrepreneurship Development cell (EDC) with their synergized efforts imbibe the spirit of entrepreneurship in students and focus on exposing the students to industry practices.

The college has been following some best practices to promote the latent talents of the Students

- Paper / Project Presentation in reputed technical institutions around India are permitted (Travel concession provided).
- Students are also encouraged to participate in cultural events and competitions organized by various colleges around India.
- The college organizes an annual Open House symposium on science and technology which provides a platform for the students to exhibit their technical innovations.
- The students are provided with state-of-the-art sports facilities and encouraged to participate in various sports, games and cultural activities at different levels of competitions. The students have won many medals, awards in various Zonal, Inter-University, State, National level competitions.
- The college has NSS, NCC, Rotaract Club and Community Radio Service whose major activities promote social responsibility among students. The NSS every year conducts variety of activities like camps at various surrounding villages and Blood donation camp.

Psycho-social counseling

A full time psycho-social counsellor is available in the campus to guide and counsel the students on personal, career and psycho-social issues.

Centre for Upskilling And Empowerment

This centre provides consistent motivation to the students about their job scope and career. Also the students can upskill & empower their skills through various activities and programs conducted by this centre.

Women Empowerment Cell

The College has Women Empowerment Cell which organizes programmes like health awareness, women empowerment, and psycho-social issues by inviting external experts to counsel the women staff and girl students.

5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If 'yes', detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).

Yes. A Placement and Training Cell exists in the institution. Every year P&T cell identifies the potentially good companies which include existing employers. New companies are identified based on criteria like nature of their business, turnover and employee strength. Apart from the P&T cell, every department also identifies relevant companies and helps students for placement and project work.

The P&T Cell of the Institute works with students in a phased manner. During the first year, training in communication skills is delivered by the Department of Humanities and for second & third year students P&T cell conducts, the following types of training programmes to enhance the personality development of the students:

S. No.	Programme Name
1	Soft Skill Development
2	Communication Skills Development
3	Verbal ability Training & Logical Reasoning
4	Aptitude Training & Shortcut Methods
5	Introduction to GD, HR & Technical Interview
6	GD Input
7	Common placement Training Programme
8	Interpersonal relationship
9	Training for competitive exams like GATE.GRE.CAT.UPSC.IBPS

Entrepreneurship Awareness Camps for students and Faculty Development Programmes for faculty are conducted periodically in the association with Entrepreneurship development centre which (EDC) helps in propagating entrepreneurial culture among them. EMDC is also functioning in the institution with the objectives of promoting entrepreneurial culture among the students by organizing various events. These include interaction sessions with successful entrepreneurs, guidance for participation in events like IDEA Spark, My Idea-My Business, etc.

Identified Job Opportunities

On-campus and off-campus placement drives are organized with leading industries and companies by the P&T cell to provide better career for the students when they are graduated.

On Campus Details			
S.No	Company Name	Batch	No. of Students Placed
1	Ccubed Solution	2009-2013	11
2	Digital Niravana Information System		1
3	Kalycito		3
4	KSR Infotech		11
5	LGB		13
6	Netcon Technologies		5

7	Orionis Technologies		21
8	Payoda		3
9	Tamilnadu Energy Solution		18
10	Windcare		58
11	Amphisoft Technology	2010-2014	2
12	Ccubed Solutions		2
13	EGS		2
14	HCL		13
15	Kgisl		7
16	Netcon Technology		1
17	Payoda Technologies		1
18	PPTS		2
19	South Indian Bank		8
20	Vee Technologies		38
21	Viniyak Infotech		1
22	Exterro R&D	2011-2015	2
23	Payoda		2
24	FACE (Mechanical Also Eligible)		3
25	Fony Technologies		5
26	RRB Energy		8
27	Vdart Software Services		16
28	Collabera Technology		5
29	Ep Tech India Pvt Ltd		17
30	Ridsys		3
31	Netcon		8
32	Cease Fire		5
33	GEECL		6
34	IDBI		39
35	Magnus Vista		5
36	Vee Technologies		6
37	LGB		5
38	Mold Masters		1
39	Alstom	2	
40	Hcl Talent Care	9	
41	Four Square Technologies	7	
42	Reliance	42	
43	Payoda Technologies	2012-2016	2
44	Collabera Technologies		10
45	Exterro		2
46	Ceasefire		3
47	Gemini Innovation and Leadership		43
48	Salzer		3
49	Hinduja Global Solutions		21
50	Aee Bee Acadamy		35
51	Vee Technologies		16
52	Mold Masters		1
53	LGB		10
54	Netcon		4
55	STS		6

56	TAEYANG METALS	3
57	KPT	4
58	BALAJI INDUSTRIES	4
59	IDBI Federal	41
60	Velan Infotech	19

Off Campus Details			
S.No	Company Name	Batch	No. of Students Placed
1	ITAAC	2009-2013	4
2	Severn Glocon India Pvt		2
3	Celia Infotech Software		2
4	CTS	2010-2014	7
5	Discovery Global		1
6	Superfect Solution		1
7	Surya Software		1
8	TCS		1
9	HP		1
10	IBM		2
11	LNT Infotech	2011-2015	8
12	CTS(Anna University)		1
13	Mphasis		6
14	L&T Infotech	2012-2016	10
15	Ducen IT		1
16	Mphasis		3
17	VWR International		1
18	CTS		6
19	CSS Corp		3
20	I Exceed		1
21	Skava		3
22	TCS		1
23	Technosoft		4

5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

Yes. A grievance redressal cell is functioning in the campus and it has been established comprising the Principal, Vice Principal, Heads of departments, wardens and physical director.

Grievances are received through e-mail, suggestion box, and personal contact. The grievances are also received and sorted out by the following committees:

- Anti ragging committee
- Women Empowerment cell
- Mess committee
- Class committee
- Psycho-social counselling unit

It has so far not had any major issue involving human rights violation, gender bias or social discrimination. All complaints and suggestions found are analyzed by the Grievance Redressal Cell and appropriate action is taken.

Some of the grievances reported and addressed are,

- Additional special training for placement
- Students' centric soft skill development
- Change of mess menu
- Extended library hour
- Internet facilities during holidays

5.1.11 what are the institutional provisions for resolving issues pertaining to sexual harassment?

The College educates the students of both genders, about the sin of sexual harassment and its consequences, if students get involved in such unwelcome deeds. A Women Empowerment Cell functions in the institute with senior women Professors as mentors and this cell creates awareness on sexual harassment and renders necessary helps to the needy in this regard and mitigates such issues in the campus. Hence, no unpleasant incident has been reported.

5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

Yes. The Anti-ragging Committee comprises the following members:

S.No.	Name	Designation
1	Dr. P.Prakasam	Principal
2	Prof. D. Edwin Joseph Raj	Vice Principal
3	Dr. G.Bansal Rajkumar	Dean.MECH
4	Dr. Sudhakar Gummadi	Prof./CSE
5	Dr.Pradeep Kumar	Prof. / CSE
6	Mrs. D.Gokila	Asso. Prof. / ECE
7	Mr.D.Karthick	AP / EEE
8	Mr. R. Ravindranath Chandra	AP / Civil
9	Mr. C.Saravana Murthi	AP / MECH
10	Mr. S. Udhayakumar	Director of Physical Education

The institution has a separate block for first year students and it has different break times for the students to avoid conjunction.

Break	Timing	Year of Students
Morning Break	10.25AM - 10.45AM	I, II, III & IV
Lunch Break	12.25PM - 01.15PM	I & IV
	01.15PM - 02.00PM	II & III
Afternoon Break	02.45PM - 02.55PM	I & IV

The institution collects a signed affidavit of anti-ragging undertaking from all the students and parents/guardians at the time of admission. Posters on ragging have been displayed around the campus clearly stating the activities which are regarded as ragging and details of punishments prescribed by the law for such activities. The contact numbers of the committee members are available on display boards which are set up at the important locations in the campus and the contact numbers are also available in the Hand Book. An Anti-ragging committee is closely monitoring the discipline, both at the institute and hostel. Hence no untoward incident has been reported so far.

5.1.13 Enumerate the welfare schemes made available to students by the institution.

- Merit scholarships and fee concessions for deserving students.
- Awards to class toppers
- Travel grants to participate in competitions and conferences
- Closed car parking and two wheeler parking facilities
- Transport facility to all points in Coimbatore and neighbouring towns
- Subsidized canteen which supplies hygienic and nutritious food
- Ambulance facility during emergencies
- Provision for insurance and accident policy.
- Medical doctor and nurses visiting the college thrice a week.

5.1.14 Does the institution have a registered Alumni Association? If 'yes', what are its activities and major contributions for institutional, academic and infrastructure development?

Yes, the institution has a registered the Alumni Association.

- The alumni of the Institution functions through its administrative body which holds periodic meetings, elects office bearers and regularly updates the database of the alumni of the institution.
- The Alumni, assist the Institution by providing information to the Training and Placement Cell about job openings in companies.
- The members of the alumni give valuable suggestions to improve the curriculum by recommending skill development courses.
- The alumni deliver invited talks and organize training sessions for students
- Alumni association actively involves itself in the developmental plans of the institute and the members liberally contribute funds to the institute for infrastructure development.
- Alumni association provides scholarships to deserving candidates.

5.2 Student Progression

5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlights the trends observed.

Student progression	%
UG to PG	5.43
PG to Ph.D.	1.612
Employed	57.14

Student Progression	Academic Year	% CSE	% ECE	% EEE	% CIVIL	% MECH	Overall Percentage
Higher education	2012 – 2013	2.04	24.14	7.14	-	2.94	7.250
	2013 – 2014	6.33	6.49	6.94	-	2.78	4.508
	2014 – 2015	2.70	-	-	-	5.26	1.592
Employment	2012 – 2013	97.96	93.10	51.79	-	45.59	57.688
	2013 – 2014	74.68	50.65	5.5	-	18.06	29.778
	2014 – 2015	81.08	97.67	35.94	1.12	35.53	50.268

5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (cohort wise.batch wise as stipulated by the university)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city.district.

Department of Civil Engineering

Name of the Course. Programme	Batch	Number of Students Admitted	Number of Students who have Graduated in the Stipulated Period	Completion Rate % (within the minimum period)
B.E - Civil Engg	2010 - 2014	28	13	46.42
	2011 - 2015	69	42	60.86
M.E - Structural Engg	2012 - 2014	17	14	76.47
	2013 - 2015	18	15	83.33

Department of Computer Science and Engineering

Name of the Course Programme	Batch	Number of Students Admitted	Number of Students who have Graduated in the Stipulated Period	Completion Rate % (within the minimum period)
B.E - CSE	2009 - 2013	31	19	61.29
	2010 - 2014	61	43	70.49
	2011 - 2015	57	36	63.15
M.E - CSE	2011 - 2013	18	13	72.22
	2012 - 2014	18	15	83.33
	2013 - 2015	17	17	100

Department of Electronics and Communication Engineering

Name of the Course. Programme	Batch	Number of Students Admitted	Number of Students who have Graduated in the Stipulated Period	Completion Rate % (within the minimum period)
B.E - ECE	2009 -2013	58	51	87.93
	2010 - 2014	65	49	75.38
	2011 - 2015	112	76	67.85

Department of Electrical and Electronics Engineering

Name of the Course. Programme	Batch	Number of Students Admitted	Number of Students who have Graduated in the Stipulated Period	Completion Rate % (within the minimum period)
B.E - EEE	2009 – 2013	56	37	66.67
	2010 - 2014	72	51	71.01
	2011 - 2015	54	26	48.97

Department of Mechanical Engineering

Name of the Course. Programme	Batch	Number of Students Admitted	Number of Students who have Graduated in the Stipulated Period	Completion Rate % (within the minimum period)
B.E - Mech	2009 - 2013	68	55	81.25
	2010 - 2014	72	58	80.00
	2011 - 2015	76	73	95.80

5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

Higher Education

- Students are motivated towards various competitive exams to pursue higher studies like M.E, M.S, MBA, etc.
- Students are free to approach any faculty of their choice to get their doubts clarified regarding the preparation for these exams.
- All the faculty members and the management are encouraging the students and instill them the importance of higher education, and the various opportunities inside and outside the state and country.
- Books required for the preparation of GRE, TOEFL, GATE, TANCET etc are made available for the students in the library.

Employment:

- Many mock placements are conducted for the students within the college.

- Students are given special training in improving their communication skills, reasoning skills, mathematical aptitude, and ability to fare well in group discussions by the faculties as well as from resource persons from outside.
- Value Added Program is one such to be noted, which is a part of the curriculum, that enriches students quantitative, qualitative and technical ability along with personality development.
- The “Center for Up skilling and Empowerment – CUE” works towards the improvement of students’ skills in all aspects.
- The “Entrepreneurship Development Cell – EDC” works towards the improvement of students’ entrepreneur skills development.
- Special care is being taken in helping the students to prepare themselves for various competitive exams like UPSC, IBPS, CDS, NDA, SCRA, NTPC, BHEL, EB, ISRO, DRDO, SAIL, BEL etc.

5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

- A question bank (QB) is prepared for all the subjects by the respective subject staff. This QB contains minimum of 10 sets of previous year question papers. Questions are grouped according to the units. As per Anna university syllabus, each subject has five units. Each unit in the QB contains minimum 20 repeatedly asked 2 marks and 6-10 repeatedly asked important big questions grouped according to the topics in the syllabus.
- QBs are printed in the form of book and given to all the students by the college.
- A new assessment system called “Slip Test” is introduced apart from the regular internal assessment system. The slip test is for 30 marks – 7 two marks and 1 sixteen mark, for a duration of 50 minutes and is conducted on alternate days for all the subjects in a cyclic manner.
- The questions for slip test as well as for IAs are prepared with such care that the very important and repeatedly asked university questions from the QB are given to the students.
- The question paper for the slip test is given two days prior the test dates so that students come fully prepared for it.
- Minimum of four and a maximum of five slip tests are planned for each semester.
- The answer sheets of these tests are evaluated within two working days and a retest for the students who have failed is conducted after the working hours in the evening

on Tuesday, Thursday and Saturday and on the next Tuesday if Saturday is a holiday. This helps the students to study their subjects regularly.

- Apart from this, three Internal Assessments (IA) are conducted for hundred marks strictly follow up the university pattern for three hours.
- IA questions are prepared along with detailed answer keys and are verified by HoD and the Principal before printing. The IA papers are evaluated in the same way as that of the central valuation scheme followed by the university. The valuated papers are verified by the Principal and distributed to the students, within 3 days.
- Immediately after the internal assessment, the students' performance is informed to parents through Phone by the respective mentors.
- The slow learners and students who are at risk of failure are identified and their difficulty in learning is assessed by the respective mentors and additional coaching is given on the subject of their choice.
- The same is immediately informed to the parents and counseling is given to the students in the presence of their parents individually by his/her mentor, class advisor, HoD and the Principal.
- During the IAs, intensive coaching is given for the students in the morning session and the students take up the test for 3 hours in the afternoon. This helps the students to clarify their doubts then and there with their faculty members.
- After each semester results are published, the arrear lists are taken. Special coaching is given to students with a minimum of 3 arrears so that they can clear them in the next attempt. Students with more than 3 arrears are asked to give their subject choice and remedial classes are given accordingly.
- A Learning Management System – LMS helps the students in all aspects as the faculties upload the required materials in it periodically. The students find this LMS to be very interesting as various programs like quiz can be uploaded in the same platform.

Special concentration is given to the Tamil medium students. Repeated coaching and writing practice is given to them. Students are given training to overcome their fear of language right from first year.

- The first year students are given a bridge course for a week before starting their syllabus to transform them from their school environment to the professional environment.

- The lateral entry students are given special care towards problematic papers. They are allotted with separate faculty for mathematics paper and separate classes are handled for them.
- Separate buses are arranged for the students attending remedial classes and other coaching classes in the evening.
- For the academic improvement of students, expected two mark questions with answers and the key for big questions are given.
- For first year students after 3 IAs, “Intensive Coaching Classes – ICC” are scheduled for all the subjects with a special time table.
- Hostel students have separate study hours that ensure they study their subjects daily covering the syllabus.
- The slow learners are encouraged with proper identification and prizes when they improve their academic performance.
- For the students who are at risk of dropping out due to financial crises, the management provides various schemes fee waiving. For hostel students the hostel fees are waived and for day’s scholars, part of the college fees is waived or they are given a free bus facility etc., else the students are given the concession to their fees, in three or four installments.

5.3 Student Participation and Activities

5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and program calendar.

The institution has a spacious playground for playing games such as Foot ball, Hockey and Cricket as well as for conducting track events. Also there are courts for playing Basket ball, Volley ball, ball badminton and Tennis. The students are encouraged to participate in all sports and they are also provided financial support for participating in the competitions held at other colleges. Physical Directors are appointed separately for boys and girls to give sports related training.

5.3.2 Furnish the details of major student achievements in co- curricular, extracurricular and cultural activities at different levels: University . State . Zonal . National . International, etc. for the previous four years.

Department of Civil Engineering

S.No	Name of the Students	Academic Year	Awards. Recognitions
1	Karthikeyan R.	2012 - 2013	III Place in 4*100 relay, 4*400 relay, Anna university zone- xi athletic meet.
2	Karthick S.	2013 – 2014	II place in Decathlon, Anna university zone- xi athletic meet.
3	Sella muthu B.		I place in 20 km walk, Anna university

			zone- xi athletic meet
4	Sarath kumar M.		II place in Volleyball, Anna university inter - zone volleyball tournament.
5	Sella muthu	2014-2015	1 st position in 20km walk
6	Surya kala		2 nd position in Heptathlon
7	Deva		Silambam 3 gold, 1 silver,1 bronze
8	Gobinath N.P.		3 rd position in Hockey match
9	Karthikeyan R.		3 rd position in Hockey match
10	Hariharan B.		3 rd position Hockey match
11	Madhivanan J.		3 rd position Hockey match
12	P. Shanmuga priya		3 rd position Volley ball match
13	Mythili S.A.		3 rd position Volley ball match
14	Suriyakala G.		3 rd position Volley ball match
15	Suriyakala.G	2015-2016	III place in vollyball

Department of Computer Science and Engineering

S.No.	Name of the Student	Academic Year	Award .Recognitions
1	R.Rahul	2015-2016	Winners in Zonal level match – football , GCT
2	K.Rahul		Third place in Zonal Level – kabaddi, anna university – CBE.
3	Mukesh R		Winners in Zonal Football – Anna University
4	Manigandan . M		Winners in Zonal Football – Anna University
5	B.Divya	2014-2015	Ball Badminton
6	B.Divya		Kho-Kho
7	S.Priyadarshini	2013-2014	IInnovate Contest
8	B.Divya		National seminar
9	Harini.M	2012-2013	Volley Ball-Zonal Tournaments
10	B.Divya		Ball Badminton
11	B.Divya		Volley Ball
12	S.Priyadarshini		International Out Reach
13	M. Aravind raj		III Prize-4x100 mts relay
14	M. Aravind raj		II Prize-200 mts
15	M. Aravind raj		II Prize-400 mts
16	M. Aravind raj		I Prize- 4X100 mts Relay
17	M. Aravind raj		I Prize-5000 mts
18	M. Aravind raj		I Prize-400 mts
19	M. Aravind raj		I Prize-4x00 mts
20	M. Aravind raj		II Prize-Kabadi
21	M. Aravind raj		15 Prize-Maraton
22	M. Aravind raj		II Prize-Football
23	S.Ganesan		III Prize-5000m
24	T.Prem		I Paper Presentation

Department of Electronics and Communication Engineering

S.No.	Name of the Student	Academic Year	Award .Recognitions
1	Naveen Kumar	2015-2016	II Place in 3 rd Novices Mr. Coimbatore 2016, District Body Building Championship in 60kgs, held at Nallayan Community Hall, Coimbatore.
2	R. Saranya	2014-2015	II Prize in paper presentation, Karpagam College of Engineering
3	R. Balamuralikrishna		Cash and II Prize in innovate state level advance technology business plan competition.
4	R. Boopathy		Cash and II Prize in innovate state level advance technology business plan competition.
5	B. Loganathan		II Prize in Aerospace Prototype Modeling and Fabrication Competition
6	Reshma Sulthana		II Prize in Aerospace Prototype Modeling and Fabrication Competition
7	Preethaa		II Prize in Aerospace Prototype Modeling and Fabrication Competition
8	A.Lissy		III Prize in Volleyball tournament, Adithya Institute of Technology.
9	R. Tharani		III Prize in Badminton , Zonal Tournament.
10	R. Dinesh Kumar		Runner in Football Tournament, GCT.
11	Kiran		Runner in Football Tournament, GCT.
12	Gopikrishnaa		Runner in Football Tournament, GCT.
13	S.P. Shanmugha Rajan		Runner in Football Tournament, GCT.
14	V.Poongothai		2013-2014
15	A. Viswanathan	ELITE World Records, Event of the Youth – Vivekanandas Ideal at CODISSIA Trade Fair Complex, Coimbatore	
16	B.M. Ramya	Winner in Zonal Level Robotics Competition, NRC India.	
17	K. Mathumathi	Winner in Zonal Level Robotics Competition, NRC India.	
18	S. Pavithra	Winner in Zonal Level Robotics Competition, NRC India.	
19	A.Viswanathan	Winner in Zonal Level Robotics Competition, NRC India.	
20	B. Loganathan	Winner in Zonal Level Robotics Competition, NRC India.	
21	S .Rasika priya	III Prize in Paper Presentation, Excel College of Technology	
22	R. R. Reshme	III Prize in Paper Presentation, Excel College of Technology	
23	R. Mukesh	II Prize in Electronic Jam, Adithya Institute of Technology.	
24	V. Deepika	II Prize in Technical Quiz, Kalaignar	

			Karunanidhi Institute of Technology.
25	V. Dharani		I Prize in Technical Quiz, Kalaignar Karunanidhi Institute of Technology.
26	V. Keerthilakshmi		I Prize in Technical Quiz, Kalaignar Karunanidhi Institute of Technology.
27	Samyuktha. I.		III Prize in Ge-Si Galatta, GCT
28	Sowmya R.		III Prize in Ge-Si Galatta, GCT
29	S. Rasika Priya		III Prize in Circuit Debugging, Sri Ramakrishna Engineering College.
30	R. R. Reshme		III Prize in Circuit Debugging, Sri Ramakrishna Engineering College.
31	Loganathan A.		I Prize in Silambattam, Event of the Youth – Vivekananda’s ideal at CODISSIA.
32	Vignesh K.		District Winner in Chess, Rotract District Council 13-14
33	Vignesh K.		III Prize in Chess, Sri Ramakrishna Engineering College.
34	Vignesh K.		State Level 7 th Rank, STAR Chess Academy, Affiliated to Coimbatore Dist., Chess Association
35	Vignesh K.		III Prize in 400 meters, Rotract District Council 13-14
36	S. Pavithra		1 st Rank Holder, United Institute of Technology.
37	B.M. Ramya		III Prize in 4 x 100 Relay, United Institute of Technology, Annual Sports Day.
38	S. Ramya		II Prize in 800 Meters, United Institute of Technology, Annual Sports Day.
39	S. Ramya		III Prize in 100 Meters, United Institute of Technology, Annual Sports Day.
40	S.Ramya		Runner in Ball Badminton, United Institute of Technology, Annual Sports Day.
41	K. M. Preethaa		III Prize in Short Put, United Institute of Technology, Annual Sports Day.
42	K. M. Preethaa		III Prize in Discuss Throw, United Institute of Technology, Annual Sports Day.
43	K. M. Preethaa		Runner in Ball Badminton, United Institute of Technology, Annual Sports Day.
44	Lissy A.		II Prize in Discuss Throw, United Institute of Technology, Annual Sports Day.
45	Lissy A.		I Prize in Short Put, United Institute of Technology, Annual Sports Day.
46	Pavya D.		Winner in Kho-Kho, United Institute of Technology, Annual Sports Day.
47	A. M. Ramya		Runner in Ball Badminton, United Institute of Technology, Annual Sports Day.
48	B.M Ramya	2012-2013	I Prize in Speech Competition, Tamilnadu Electricity Board, Coimbatore.
49	B. Sowmiya		II Prize in Triple Jump, United Institute of Technology, Annual Sports Day.
50	S. Rasika Priya		III Prize in 4 x 100 meters, United Institute

			of Technology, Annual Sports Day.
51	A. Lissy		Winner in Volley Ball, United Institute of Technology, Annual Sports Day.
52	A. Lissy		Runner in Ball Badminton, United Institute of Technology, Annual Sports Day.
53	A. Lissy		II Prize in 4 x 100 Relay, United Institute of Technology, Annual Sports Day.
54	A. Lissy		II Prize in Shot-put, United Institute of Technology, Annual Sports Day.
55	A. Lissy		Winner in Tennikoit, United Institute of Technology, Annual Sports Day.
56	B.M. Ramya		Winner in Ball Badminton (Doubles), United Institute of Technology, Annual Sports Day.
57	B.M. Ramya		Winner in Ball Badminton (Singles), United Institute of Technology, Annual Sports Day.
58	Dharani		II Prize in 400 meters, United Institute of Technology, Annual Sports Day.
59	M.R. Reshma Sulthana		Runner in Kho-Kho, United Institute of Technology, Annual Sports Day.

Department of Electrical and Electronics Engineering

S.No	Name of The Students	Academic Year	Award. Recognitions
1	Selvakumar R.	2012 – 2013	III Place in Relay, Anna University Sports Board
2	Arun R.		I Place in Cricket, United Institute of Technology.
3	Lakshminarayanan		I Place in Idea Presentation, Rotaract Club
4	Saravanan M.	2013 – 2014	I Place in Marketing Magnets, Rotaract Club
5	Susil Aravinth A.		III Place in Best Engineer, United Institute of Technology
6	Aravindan S.		II prize in Yoga Competition, Special Group VIII, Sri Maha Sanketha Trust.
7	Kalaiselvan.S.III-EEE		III Place in Hockey, Anna university Zonal Tournaments
8	Sailappa R.	2014 – 2015	I Place in Debate, CIET, Coimbatore
9	Sanjay kumar N.		I Place in Comic Strip, CIET, Coimbatore
10	Maarc Richard G.		I Place in Last stand Kongu Engineering College
11	Dinesh V. Martin Nithin D.		I Place in Connection PGP College of Engineering and Technology
12	Ramachandran M.		III Place in Hockey Anna University Sports Board
13	Sabarivasan.R	2015-2016	III Prize in KTM Bike race by KTM - Australia
14	J.Sangavi		Represented as member in Anna University Hockey Team in 2015 at University of mysore.

Department of Mechanical Engineering

S.No	Name of Student	Academic Year	Award .Recognitions
1	Jarvis Jaison S	2012 - 2013	II Prize in word to win
2	Kabilan G		II Prize in photography
3	Naveen Kumar P		Runner up in Volley ball
4	Naveen Kumar R P		Winners in Hockey
5	N. Nirmal		I Prize in Technical Quiz
6	B. Dinesh Kumar		II Prize in Quiz
7	Stephen		I Prize in Infotament
8	R.Dhanendra Kumar		II Prize in Quiz
9	K. Dhanraj		I Prize in Short film
10	K. Dhanraj		II Prize in Marketing in Magnets
11	N. Nirmal		Star performer
12	N. Nirmal		Best out going student
13	N. Nirmal		II Prize in Just a minute
14	N. Nirmal		II Prize in Idea presentation
15	N. Nirmal		I Prize in CADD CALL
16	N. Nirmal		I Prize in Paper Presentation
17	T. Raja		Silver medal in silambam
18	Mosec Devasahayam		I Prize in photography
19	T. Raja		Winners in kabbadi
20	T. Raja		Bronze medal in silambam
21	T. Raja		Gold medal in silambam
22	R. Abhinaya	2013 - 2014	Star Performer
23	R .Brahadeeswaran		Securing I Rank
24	T. Raja		I Prize in Silambattam
25	T. Praveen		I Prize in Silambattam
26	K. Rajamirasthar		I Prize in Silambattam
27	A. Ravi Prasanth		I Prize in Silambattam
28	X. Infant Regan		Winner of Robotics Competition
29	M. Sarath kumar		III Prize in Chess
30	P. Prabhu		I Prize in Silambattam
31	X. Infant Regan		I Prize in Singing
32	Arun		I Prize in Aerospace Competition
33	R. Abhinaya	2014 - 2015	Star Performer
34	R .Brahadeeswaran		III Prize in R C Racing
35	T. Raja		Silver medal in silambam
36	V. Navin		I Prize in Paper Presentation
37	T. Raja		World Silambam in Championship
38	V. Veera Vishnu		III Prize in R C Racing
39	R. Saravana Kumar		I Prize in Paper Presentation
40	D. Santhosh Kumar		I Prize in Paper Presentation
41	P.Prabhu		Gold medal in Silambam
42	N.Ugesh		III Prize in R C Racing
43	K.Rajamirasthar		Bronze medal in silambam
44	D. Saravana Kumar		Gold medal in Silambam
45	A.Ravi Prasanth		Bronze medal in silambam
46	R.Ajith kumar		Gold medal in Silambam
47	P.B.Sanjeeva Prasath		III Prize in R C Racing

48	Mr.R.Naveen Kumar	2015-2016	III Position in Kabadi(AU)
49	Mr.S.Pradeep		III Position in Kabadi(AU)
50	Mr.A.Dilip Kumar		Foot Ball Winners in Zonal tournaments
51	Mr.Lokesh Kannan R		II Position in Kabaddi (AU)
52	Mr. Manish Tiwari		Best Project Award

Department of Science and Humanities

S.No.	Name of Student	Academic Year	Award .Recognitions
1	Vikram .G	2012 - 13	I Place in Essay Writing in English
2	Sooraj K.V		II Place in Essay Writing in English
3	Sathya K.L		III Place in Essay Writing in English
4	Basil Daneil		I Place in Elocution in English
5	Raj Narayanan Balaji		II Place in Elocution in English
6	Vishnu Ram .P		III Place in Elocution in English
7	Sathya .K.L		III Place in Elocution in English
8	Ramya B.M Viswanathan .A Sathya.S, Sureshkumar.M		I Place in Quiz Competition
9	Sooraj.K.V Kishorekumar.T Pranav.M.U Abishek.Y		II Place in Quiz Competition
10	Ashwin.D Apoorv Srivastava Naveen Cheku.G Infant Regan.X		III Place in Quiz Competition
11	Trisha Nath Sathya.K.L Sowndar Kumar.R Sridhar.B		III Place in Quiz Competition
12	Valliammai. S	2013 - 14	I Place in Essay Writing in Tamil
13	Romisha Kezia G		II Place in Essay Writing in Tamil
14	Sobana. M		III Place in Essay Writing in Tamil
15	Blessy Victoria. R		I Place in Essay Writing in English
16	Angel Dayana. D		II Place in Essay Writing in English
17	Durga. S		III Place in Essay Writing in English
18	Bharathi. V		III Place in Essay Writing in English
19	Durga. S		I Place in Elocution in Tamil
20	Nivetha . R		II Place in Elocution in Tamil
21	Bhuvanesh. J		III Place in Elocution in Tamil
22	Suba Priya. A		I Place in Elocution in English
23	Tharani. S		II Place in Elocution in English
24	Sanjeeth. S		Elocution in English III Place in
25	Deepa. B		I Place in District level Silambam competition
26	Deepan Kumar . N		Fifth all India Full Contact Kickboxing Champion – National Level Award.
27	Madhusri. K		I Place in Paper Presentation, State level

			Students symposium	
28	Nivetha . S		Winner In Ball Badminton	
29	Nivetha . S		Runner in Volley Ball	
30	Deepika.D Nivedita.P	2104 - 15	I Place in Science Paper Presentation	
31	Samyuktha. M. A Jayageetha. V		II Place in Science Paper Presentation	
32	Naveen V		I Place in Maths Paper Presentation	
33	Mohan Ram V Mohan Kumar C		II Place in Maths Paper Presentation	
34	Mohan S Jeffry David T		III Place in Maths Paper Presentation	
35	Syed Sohail Ahamed		I Place in English Essay Writing	
36	Abishek Verma		II Place in English Essay Writing	
37	Jemi R		III Place in English Essay Writing	
38	Nandhini Devi C		I Place in English Elocution	
39	Mahendra Kumar S		II Place in English Elocution	
40	Sucitha R		I Place in Tamil Poetry Competition	
41	Mogitha M		II Place in Tamil Poetry Competition	
42	Haripriya M		III Place in Tamil Poetry Competition	
43	Jeevankumar. M Sukashkannan E Gowtham K		I Place in Nil Gavani Sol	
44	Arun Kumar R Arun Kumar S Perarivalan T		II Place in Nil Gavani Sol	
45	Sonia Dharuman Shanthini. H Roja. L Rathisha. S		2015 16	III Place in Place Volley Ball

5.3.3 How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

The Institutions collects feedback from the students at the end of every semester

- The feedback comprises 8 different aspects to be marked on a scale of 1 to 5 (With 5 being the best)
- The feedback about the faculty, departmental issues is taken for consideration at the level of HOD
- If any dispute arises, then the feedbacks are forwarded to Principal and then the management for redressal.

The Institution has the practice of obtaining feedback not only from the graduates but also from the HR personnel of the companies visiting the institution for recruiting the students.

- The feedback about the curriculum offered inclusion or deletions to be made.
- The principal, Management and HODs will go through the feedback for taking

corrective measures.

- The suggestions from feedback are given to the members of the Board of Studies for recommending inclusion of certain subjects or topics.

5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications, materials brought out by the students during the previous four academic sessions.

The college encourages the students to involve in the preparation of news letter. All the details of academic achievements, campus activities, participation in programmes organized by other institutions are chronologically listed in the new letter.

The college motivates the students to participate in seminars, workshops, conferences and symposiums at state.national level. The students are also guided to publish material in reputable journals.

Papers Presented. Published

Department of Civil Engineering:

S. No	Name of the Student	Date	Conference / Workshop	Venue /Name of the Journal
1	A.Jeba Anish	19.02.2014 - 0.02.2014	International Conference on Trends in Engineering (ICMAE 14)	Tamizhan College of Engineering & Technology, Kanyakumari
2	P.Mahakavi	13.03.2014 - 14.03.2014	International Conference on Recent trends in Engineering and Technology (ICRTET 2014)	Mount Zion College of Engineering & Technology, Pudukkottai.
3	V.P.Faisal Mubarak	22.03.2014	National Conference CIVILACT 2K14	Info Institute of Engineering, Coimbatore
4	T.Vasanth Kumar	16.04.2014	National level Conference on Innovations in Civil Engineering – ICE 14	Kumaraguru College of Technology, Coimbatore
5	S.Gobhiga	08.03.2014	National Conference on Application of innovative Civil Engineering Techniques in Structures	SNS College of Engineering & Technology, Coimbatore 641107.
		28.03.2014	National Conference on Recent Advancements in Civil Engineering (RACE 14)	Karpagam College of Engineering, Coimbatore
6	A.Ithrish	30.07.2013	Conference	Karunya University

Department of Computer Science and Engineering:

S.No	Name of the Student	Date	Conference / Journal	Venue/Name of the Journal
1.	P.Saravanan	21.04. 2013	National Conference	United Institute of Technology
2.	L.R.Sujithra	21.04. 2013	National Conference	United Institute of Technology

3.	R.Banupriya	21.04. 2013	National Conference	United Institute of Technology
4.	R.Ganesh	18.02.2013 - 23 .02.2013	II price for best paper award in International Out Reach	CSI-Coimbatore
5.	K.Jayaprabha	18.02.2013 - 23 .02.2013	International Out Reach	UIT and University of Edinburgh, UK
		21.04.2013	National Conference	United Institute of Technology
6.	P.Subhashree	21.04.2013	National Conference	United Institute of Technology
7.	M.Radhamani	21.04.2013	National Conference	United Institute of Technology
8.	Madhumathi	21.04.2013	National Conference	United Institute of Technology
9.	A.Sarulatha	10.04.2013	National Conference	Kathir College of Engineering
10.	P.Nisitha	18.02.2013 - 23 .02.2013	International Out Reach	UIT and University of Edinburgh, UK
11.	R.Mahalingam	18.02.2013 - 23 .02.2013	International Out Reach	UIT and University of Edinburgh, UK
12.	K.Megala	21.04. 2013	National Conference	United Institute of Technology
13.	S.Girija Lakshmi	25.02. 2014	Tamilnadu College of Engineering 14 Mar	Sri Ganesh School of Business Management
		07 .03.2014	National Conference	Ranganathan Engineering College
14.	S.Priyadharshini	28 .02.2014	National Conference	Chettinad College of Engineering and
15.	Tony Thomas	28 .02.2014	National Conference	Easa College of Engineering and
16.	S.Saranya	14.03.2014 - 15.03.2014	National Conference	Bannari Amman Institute of Technology
17.	K.Raj Kumar	28 .02.2014	National Conference	Easa College of Engineering and
18.	A.Sudha	07 .03.2014	National Conference	Ranganathan Engineering College
		25.02.2014	International Conference	Sri Ganesh School of Business Management
19.	R.Kalpana	28 .02.2014	National Conference	Chettinad College of Engineering and
		14.03.2014	National Conference	Tamilnadu College of Engineering
20	Tony Thomas	2013-2014	Data flow for Effective Data	International Journal of Computer Trends and

21.	S.Saranya	2013-2014	Comparative Analysis of various Median	International Journal of Science Engineering and
22.	R.Kalpana	2013-2014	Image Retrieval using partitioning based	International Journal of Science Engineering and
23.	S.Priyadarshini	2013-2014	Efficient Hybrid Ranking Method for	Journal of Recent Trends in Computer Science &
24.	P.S.Nithya	29.04.2015 - 30.04.2015	International Conference	Muthayammal Engineering College
		17.04.2015 - 18.04.2015	International Conference	Vel's University
		2014-2015	Surveillance and Tracking Eleplant	International Journal of Innovative Research in
		2014-2015	Surveillance and Tracking Elephant	International Journal of Engineering and
25.	S.Sindhuja	10.04.2015	National Conference	Coimbatore Institute of Engineering and
26.	M.PriyaLakshumi	02.03.2015 - 03.03.2015	National Conference	Anna University, Regional center, Coimbatore
27.	R.Kumeresan	02.03.2015 - 03.03.2015	National Conference	Anna University, Regional center, Coimbatore
		2014-2015	Detecting the routing mis behaving in	International Journal of Innovative research and
28.	R.Kiruthika	05.03.2015 - 06.03.2015	National Conference	Aarubadai veedu Institute of Technology
		06.03.2015 - 07.03.2015	International Conference	Kalaignar karunanidhi Institute of Technology
		20.03.2015 - 21.03.2015	International Conference	JKKN College of Engineering and Technology
		2014-2015	Detecting cars in Traffic using cascade	International Journal of Innovative research in
29.	Jeevitha	20.03.2015 - 21.03.2015	International Conference	Ranganathan Engineering College
		02.03.2015 - 03.03.2015	National Conference	Anna University, Regional center, Coimbatore
30.	S.Helen Pradeeba	10.04.2015	National Conference	Coimbatore Institute of Engineering and
31.	K Divya	27.03.2015 - 28.03.2015	International Conference	Kathir College of Engineering
		10.04.2015	National Conference	Coimbatore Institute of Engineering and

32..	T.M.Gayathri	27.03.2015 -	International Conference	Kathir College of Engineering
		28.03.2015		
33.	P Anitha	10.04.2015	National Conference	Coimbatore Institute of Engineering and
		10.04.2015		
34.	I.Antonita shilpa	16.04.2015 -	National Conference	Info Institute of Engineering
		17.04.2015		
35.	D.Brindha	27.03.2015 -	International Conference	Kathir College of Engineering
		28.03.2015		
36.	S.Gayathri	04.03.2016 -	International Conference	Jay Shriram Group of Institutions
		05.03.2016		
37.	G.Thilagacathi	04.03.2016 -	International Conference	Jay Shriram Group of Institutions
		05.03.2016		
38.	N.Sukanya	04.03.2016 -	International Conference	Jay Shriram Group of Institutions
		05.03.2016		
39.	R.Jeevitha	04.03.2016 -	International Conference	Jay Shriram Group of Institutions
		05.03.2016		
40.	V.Krishanpraseeda	04.03.2016 -	International Conference	Jay Shriram Group of Institutions
		05.03.2016		

Department of Electronics and Communication Engineering:

S.No	Name of the Student	Date	Conference / Journal	Venue / Name of the Journal
1	V. Velumani	2013-2014	International Journal	International Journal of Advanced Information Science and Technology.
2	K.Velmayil	2013-2014	International Journal	International Journal of Advanced Information Science and Technology.
3	V.Poongothai	2013-2014	International Journal	International Journal of Advanced Information Science and Technology.
4	V. Velumani	28.03.2014	International Conference	Nehru Institute of Engineering and Technology
5	K.Velmayil	13.03.2014 -	International Conference	Karpagam College of Engineering
		4.03.2014		

6	V. Velumani	25.02.2014	International Conference	Sri Ganesh School of Business Management.
7	N.SuriyaPrakash	16.04.2014	International Conference	Coimbatore Institute Of Engineering & Technology
8	M.Aghalaya	13.03.2014 - 14.03.2014	International Conference	Karpagam College of Engineering
9	V. Poongothai	25.02.2014	International Conference	Sri Ganesh School of Business Management.
10	Shobana Gnana Pradha.S	13.03.2014 - 14.03.2014	International Conference	Karpagam College of Engineering
11	V.Logeshwaran	16.04.2014	International Conference	Coimbatore Institute Of Engineering & Technology
12	C.Sandhya	13.03.2014 - 14.03.2014	International Conference	Karpagam College of Engineering
13	G.Latha	2013-2014	International Conference	Adithiya Institute of Technology
14	R.Moogambika	13.03.2014 - 14.03.2014	International Conference	Karpagam College of Engineering
15	V. Velumani	26.02.2014	National Conference	Amirta School of Engineering.
16	M.Aghalya	06.03.2014 - 07.03.2014	National Conference	Info Institute of Engineering
17	V.Pandi	09.05.2014 - 10.05.2014	National Conference	Anna University, Regional Centre, CBE
18	C.Sandhya	06.03.2014 - 07.03.2014	National Conference	Info Institute of Engineering
19	V. Velumani	21.02.2014	National Conference	RVS College of Engineering and Technology
20	C.Sandhya	21.03.2014 - 22.03.2014	National Conference	Info Institute of Engineering
21	V. Velumani	07.03.2014	National Conference	Ranganathan Engineering College
22	V. Velumani	21.03.2014 - 22.03.2014	National Conference	Info Institute of Engineering
23	G.Latha	21.02.2013	National Conference	Sri Ramanathan Engineering College
24	G.Latha	21.03.2014 - 22.03.2014	National Conference	Sasurie Academy of Engineering
25	R.Moogambika	06.03.2014 - 07.03.2014	National Conference	Info Institute of Engineering

26	V.Indumathi	2014-2015	International Journal	International Journal of Applied Engineering Research
27	M.Kalaiyarasi	2014-2015	International Journal	International Journal of Applied Engineering Research
28	N.Sindhu	2014-2015	International Journal	International Scientific Journal On Science Engineering & Technology
29	Shamlee.V	2014-2015	International Journal	International Journal of Science & Research
30	V.Indumathi	11.03.2015	International Conference	Vivekananda college of engineering for women
31	Vijaysri.G.M	19.03.2015	International Conference	Karpagam College of Engineering
32	M.Kalaiyarasi	05.03.2015	International Conference	Muthayammal College of Engineering
33	V.Indumathi	16.04.2015	National Conference	Info institute of engineering
34	A.Yasodharan	05.03.2015	National Conference	Aarupadai Veedu Institute of Technology
35	A.Yasodharan	20.03.2015	National Conference	Jay ShriRam Group Of Institutions
36	Sankareswari.M	24.04.2015	National Conference	Anna University, Regional Centre, CBE
37	A.Sindhu	25.02.2015	National Conference	SSM College of Engineering
38	V.Shamlee	27.03.2015	National Conference	Kumaraguru College of Technology
39	M.B.Nivetha	21.02.2015	National Conference	Sree Sakthi Engineering College
40	Ramya.D	21.02.2015	National Conference	Sree Sakthi Engineering College
41	S.Mohammed Bilal	24.04.2015	National Conference	Anna University, Regional Centre, CBE
42	Divya R	21.02.2015	National Conference	Sree Sakthi Engineering College
43	Deepa.V	24.04.2015	National Conference	Anna University, Regional Centre, CBE
44	Vidya.P	10.04.2015	National Conference	Coimbatore Institute Of Engineering & Technology
45	G.Poorani	24.04.2015	National Conference	Anna University, Regional Centre, CBE

Department of Electrical and Electronics Engineering:

S.No	Name of the Student	Date	Conference / Workshop	Venue / Name of the Journal
1.	S.Surya	07.02.2014	National Conference	EASA College of Engineering and Technology
		21.02.2014	National Conference	Bannari Amman Institute of Technology

		22.02.2014		
2.	G.Surya	07.02.2014	National Conference	EASA College of Engineering and Technology
		21.02.2014 - 22.02.2014	National Conference	Bannari Amman Institute of Technology
3.	P.Sindhu	07.02.2014	National Conference	EASA College of Engineering and
		21.02.2014 - 22.02.2014	National Conference	Bannari Amman Institute of Technology
4.	A.Uma	21.02.2014 - 22.02.2014	National Conference	Bannari Amman Institute of Technology
5.	Swetha Chandran	07.02.2014	National Conference	EASA College of Engineering and
		21.02.2014 - 22.02.2014	National Conference	Bannari Amman Institute of Technology
6.	Kaviraj	07.02.2014	National Conference	EASA College of Engineering and Technology
7.	Manishankar	07.02.2014	National Conference	EASA College of Engineering and Technology
8.	A.Raghunath	19.03.2014	National Conference	Kalaivani College of Technology
9.	V.Sweatha	19.03.2014	National Conference	Kalaivani College of Technology
10.	C.Dharmaraj	19.03.2014	National Conference	Kalaivani College of Technology
11.	S .Gowthaman	24.08.2012 - 25.08.2012	Paper Presentation	Excel Engineering College
12.	V.Lakshminarayana n	24.08.2012 - 25.08.2012	Paper Presentation	Excel Engineering College
13.	R.Poornima	16.03.2013	Paper Presentation	Sri Ramakrishna Engineering College
		26.09.2012	Paper Presentation	Sri Guru Institute of Technology
14.	Ms. Ashish Beeva Vargeese	16.03.2013	Paper Presentation	Sri Ramakrishna Engineering College
15.	Harisudarsan	26.09.2012	Paper Presentation	Sri Guru Institute of Technology
16.	Navaneethakrishnan	20.01.2013	Paper Presentation	VIT University
17.	T.Richard	20.01.2013	Paper Presentation	VIT University
18.	S.Balaji	26.09.2012	Paper Presentation	Sri Guru Institute of Technology
19.	Chitra	17.03.2014	Paper Presentation	Sri Ranganathar Institute of Technology

20.	J.Priyatharshini	17.03.2014	Paper Presentation	Sri Ranganathar Institute of Technology
21.	Stephen Jayakumar	13.03.2014	Paper Presentation	PGP College of Engineering and Technology
22.	V.Dinesh	13.03.2014	Paper Presentation	PGP College of Engineering and Technology
23.	Thanveer Ahameed	15.02.2014	Paper Presentation	Tejaa Shakthi Institute of Technology for Women
24.	Gauthaman	15.02.2014	Paper Presentation	Tejaa Shakthi Institute of Technology for Women
25.	Gokulyannan	15.02.2014	Paper Presentation	Tejaa Shakthi Institute of Technology for Women
26.	Sanjay kumar	15.02.2014	Paper Presentation	Tejaa Shakthi Institute of Technology for Women
27.	M.Saravana	15.02.2014	Paper Presentation	Tejaa Shakthi Institute of Technology for Women
28.	Damodaran	15.02.2014	Paper Presentation	Tejaa Shakthi Institute of Technology for Women
29.	Bharath	15.02.2014	Paper Presentation	Tejaa Shakthi Institute of Technology for Women
30.	Numrata	15.02.2014	Paper Presentation	Tejaa Shakthi Institute of Technology for Women
31.	I.Sunitha	15.02.2014	Paper Presentation	Tejaa Shakthi Institute of Technology for Women
32.	B.Ragul	31.01.2014	Paper Presentation	Sri Krishna College of Engineering and Technology
33.	A.Padmapriya	19.03.2014	Paper Presentation	Kalaivani College of Technology
34.	G.Maarc Richard	27.03.2015	Paper Presentation	Kalaignnar Karunanidhi Institute of Technology
35.	D.MartinNithin	27.03.2015	Paper Presentation	Kalaignnar Karunanidhi Institute of Technology
36.	V.Dinesh	27.03.2015	Paper Presentation	Kalaignnar Karunanidhi Institute of Technology
37.	D.Ajandhan	27.03.2015	Paper Presentation	Kalaignnar Karunanidhi Institute of Technology
38.	K.G.Sri Gowtham	27.03.2015	Paper Presentation	Kalaignnar Karunanidhi Institute of Technology
39.	N.Vignesh	27.03.2015	Paper Presentation	Kalaignnar Karunanidhi Institute of Technology
40.	R.Sailappa	27.03.2015	Paper Presentation	Kalaignnar Karunanidhi Institute of Technology
41.	B. Job David Berckmans	27.03.2015	Paper Presentation	Kalaignnar Karunanidhi Institute of Technology
42.	Sarath S kumar	19.09.2014	Paper Presentation	Adithya Institute of Technology
		20.09.2014	Paper Presentation	Akshaya College of Engineering and Technology
43.	Stephen Jayakumar	11.03.2015	Paper Presentation	PGP College of Engineering and Technology
44.	V.Dinesh	11.03.2015	Paper	PGP College of Engineering

			Presentation	and Technology
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Department of Mechanical Engineering

S.No	Name of the Student	Date	Conference / Workshop / Symposium	Venue / Name of the Journal
1	N. Nirmal	02.03. 2013	Paper Presentation	Karpagam College of Engineering
2	E. SudhirKumar raj	18.02.2013 - 23.02.2013	Paper presentation (Symposium)	United Institute of Technology ,CBE
3	V.Balaji	13.02.2013	Paper presentation (Symposium)	Narasu's Sarathy Institute of Technology , Salem
4	V.C. Vairavan	13.02.2013	Paper presentation (Symposium)	Narasu's Sarathy Institute of Technology , Salem
5	S.Stephen raj	18.02.2013 - 23.02.2013	Paper presentation (Symposium)	United Institute of Technology ,CBE
6	X. Infant Regan	10.09.2014	Paper presentation (Symposium)	Karunya University, CBE
7	V. Navin	2014 - 2015	Paper Presentation	United Institute Of Technology
8	R. Saravana Kumar	14.03.2015	Paper Presentation	Sree Sakthi Engineering College
9	D. Santhosh Kumar	14.03.2015	Paper Presentation	Sree Sakthi Engineering College
10	R.Brahadeeswaran	26.09.2015	Paper Presentation Symposium	Akshaya College Of Engineering & Technology
		01.10.2015	Paper Presentation	SNS College of Technology
11	V. Veera Vishnu	26.09.2015	Paper Presentation Symposium	Akshaya College Of Engineering & Technology
		01.10.2015	Paper Presentation	SNS College of Technology
		10.09.2015	Paper presentation (Symposium)	Professional Group of Institutions , CBE
12	K.Sathish Kumar	27.03.2015	Paper presentation (Symposium)	Tamilnadu College of Engineering ,CBE
13	R.SaravanaKumar	02.03.2015 - 03.03.2015	Paper presentation (Symposium)	Tamilnadu College of Engineering ,CBE
14	D.Santhosh Kumar	02.03.2015 - 03.03.2015	Paper presentation (Symposium)	Tamilnadu College of Engineering ,CBE
15	N.Ugesh	25.09.2015 -	Paper presentation (Symposium)	Sri Shakthi Institute of Engg. & Tech. CBE

		26.09. 2015		
		10.09.2015	Paper presentation (Symposium)	Professional Group of Institutions , CBE
		30.09.2015	Paper presentation (Symposium)	Bannari Amman Institute of Technology, Sathyamangalam
16	K. Sathish Kumar	25.09.2015	Paper presentation (Symposium)	Sri Shakthi Institute of Engg. & Tech. CBE
		- 26.09. 2015		
		10.09.2015	Paper presentation (Symposium)	Professional Group of Institutions , CBE
		30.09.2015	Paper presentation (Symposium)	Bannari Amman Institute of Technology, Sathyamangalam

Department of Science and Humanities

S.No	Name of the Student	Date	Conference / Workshop / Symposium	Venue / Name of the Journal
1	A.Pon Arasan	02.04.2016	Paper presentation (Symposium)	Sri Guru Institute of Technology
2	K.Sandhiya	25.03.2016	Conference	Institute of Engineerng Research
3	K.Madhusri	01.10.2015	Paper presentation (Symposium)	Kongu Engineering College

5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

Yes.

Student Representatives:

Each section of a department has two student representatives, one from each gender. The responsibilities of the representatives are class room maintenance, co-ordinating with class advisors and Tutors in academic activities.

Class Committee:

Class committee for each section of a department comprises six student representatives with different levels of proficiency, Class advisor, tutors, faculty members handling the class and HOD.Senior faculty as the chair person. The student representatives are selected based on their academic performance. Class committee meetings are conducted regularly to discuss the academic progress, difficulties faced by the students in class and laboratory, as well as general issues, pertaining to the welfare of the student community. Difficulties faced by the students are considered and remedial measures are taken.

Department Association:

Each department has an association with student members as office bearers. The office bearers are elected by the students of the respective department. Office bearers of each association include Secretary, Treasurer, Joint secretary, Joint Treasurer and Executive members. The activities of the association include organizing symposium, arranging guest lecture, conducting quiz programmes, awareness programmes and other student related activities. Funding for the association is through contribution by the students, sponsorship by industries and organizations and also by the management.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

The following are the academic and administrative bodies that have student representatives on them

- Discipline Committee
- Anti Ragging Committee
- Women Empowerment cell
- Anti Sexual Harassment cell
- Class Committee
- Library Committee
- Hostel Committee
- Grievance cell

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution.

The institution is maintaining the data base of all the alumni and former faculty members. Through frequent contacts with eminent former faculty members the institution arranges guest lectures and special lectures on specific topics in-order to enhance the subject knowledge of the students. The institution seeks the guidance of members of the alumni for improving the employability of students whenever necessary. Interaction with the alumni also helps our students in securing jobs in companies of their choice. It also motivates the students to develop a thirst for entrepreneurship.

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristic in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?

VISION

To enable easy accessibility of qualitative education to the student community and ensure a place among the top technical institutions in the country as a distinct possibility

MISSION

- Impart analytical and research oriented technical education.
- Improve the learning experience of the students
- Implement required systems and processes for delivering consistent quality
- Inspire endeavors towards achieving Dr.AbdulKalam's vision 2020.

The ultimate aim of education is to help students to blossom into fully developed individuals with concern and compassion for humanity. With this objective in mind, UIT constantly strives to provide quality education that would instill a spirit of inquiry and creativity, apart from developing a natural thrust for entrepreneurial and leadership qualities. The institution is firmly committed to the task of preparing industry ready engineers who can willingly take up challenging assignments in their career. The institute takes all possible steps to provide practical training and learning beyond books. In order to enhance the knowledge of the students and make them aware of the latest developments in various fields, Industrial visits are arranged periodically. In addition, Value Added Programs are arranged systematically every semester so that students can equip themselves with the necessary technical knowledge and soft skills. The institution plays a vital role in shaping the destiny of her students by seeking the advice and guidance of experts from other academic institutions and industry, resulting in a dramatic change in the aptitude and attitude of the student community

6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?

A sustainable quality policy is very essential for the successful completion of any academic program. The top management is very keen on providing quality education to the student community. Keeping this noble objective in mind, the Chairman in coordination with the

Principal and the Heads of the departments determines the quality policy of the institution in the beginning of every academic year and it is made known to all faculty members through departmental meetings. The modus operandi for the implementation is discussed in detail in a democratic way, and is being monitored at every stage.

6.1.3 What is the involvement of the leadership in ensuring?

- **The policy statements and action plans for fulfillment of the stated mission**
- **Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan**
- **Interaction with stakeholders**
- **Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders**
- **Reinforcing the culture of excellence**
- **Champion organizational changes**

In keeping with the mission statement of the institution, the Principal, in coordination with the HODs, declares the policy statement at the beginning of every academic year. After discussing the action plans with the HODs and faculty members, they are submitted to the top management for final approval.

The approved action plans are made known to the faculty members by the respective HODs through departmental meetings. The implementation process is keenly monitored by the HODs at every stage. In case there is any deviation, immediate corrective measures are initiated by the HODs.

The institution realizes that students are the most important stakeholders and hence every effort is being made to access their academic requirement through class committee meetings. The Principal in coordination with the HODs chalks out various programs in order to update the knowledge of the students, by helping them to learn things beyond the prescribed curriculum. The institution believes in maintaining a cordial and healthy relationship with the recruiting companies in order to enhance the placement prospects of the students. Through frequent interaction with the industries, proper exposure is provided to the students so that they can equip themselves with the necessary skills for meeting the requirements of the industry.

The institution has its own ambition and aspiration to emerge as a center of excellence for technical education in this region. In accordance with its motto, “Learn, Research and Innovate” the institution constantly encourages staff and students to come out with innovative ideas and take up projects which will be useful to the society in the long run.

6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

The process of successful implementation of declared policy depends mainly on the commitment of the faculty members. Hence all possible and feasible action plans are discussed in a democratic way in the departmental meetings and all valid suggestions made by the faculty members are taken into consideration and the same is conveyed to the Principal, who reports the progress periodically to the top management. The HODs are entrusted with the responsibility of monitoring the progress as well ensuring the active participation of every staff member in the process.

6.1.5 Give details of the academic leadership provided to the faculty by the top management?

This institute was founded by alumni of GCT Coimbatore and NIT Trichy. Hence they have the academic competence to provide proper guidance in all matters pertaining to the development of the college. The faculty members are encouraged to undergo training programs and take up research activities. Moreover, the faculty members are motivated to sharpen their technical skills, through interaction with experts from the industry.

6.1.6 How does the college groom leadership at various levels?

Each department has its own association with elected office bearers, which functions under the guidance of a staff member nominated by the HOD. The association encourages students to organize seminars, symposia, technical quiz and other competitions, thereby helping the students to develop their organization skills and leadership qualities. In addition, the college arranges various programs through Tamil Mandram, English Literary Association, Retract Club and NSS mainly to make the students realize their inherent leadership potential

6.1.7 How does the college delegate authority and provide operational autonomy to the departments.units of the institution and work towards decentralized governance system?

The chairman who represents the management conducts frequent meetings with the faculty members, to discuss the various processes for the implementation of policies framed by the management. Every staff member is encouraged to participate in the discussion and all valid suggestions made by faculty members are taken into consideration. The individual departments enjoy total autonomy in the implementation process, without any interference by the management in the day-to-day activities. The faculty members are delegated with different responsibilities, depending upon their experience and aptitude. The HODs are instructed to get the best out of every staff member, by encouraging them to work with team spirit in a positive and democratic way.

6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

The college believes in team work and always lays stress on implementing the schemes as 'Team UIT'. The management strongly recommends participative management by allowing the HODs and faculty members to express their views on all academic matters, freely and fearlessly.

6.2 Strategy Development and Deployment

6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

Yes, the institution has a formally stated quality policy, framed in tune with the vision, mission statement of the college.

The stated quality policy of UIT is

For the successful implementation of the stated policies, various action plans are discussed and necessary changes are incorporated every now and then. The process of implementation is constantly and continually monitored by the respective HODs, who are expected to suggest appropriate remedial measures whenever there is any deviation.

The management plans for the development of the institution, through collective responsibility, always keeping in mind the welfare of the student community. At the end of every academic year, internal audits are conducted to evaluate the performance of each and every department.

6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

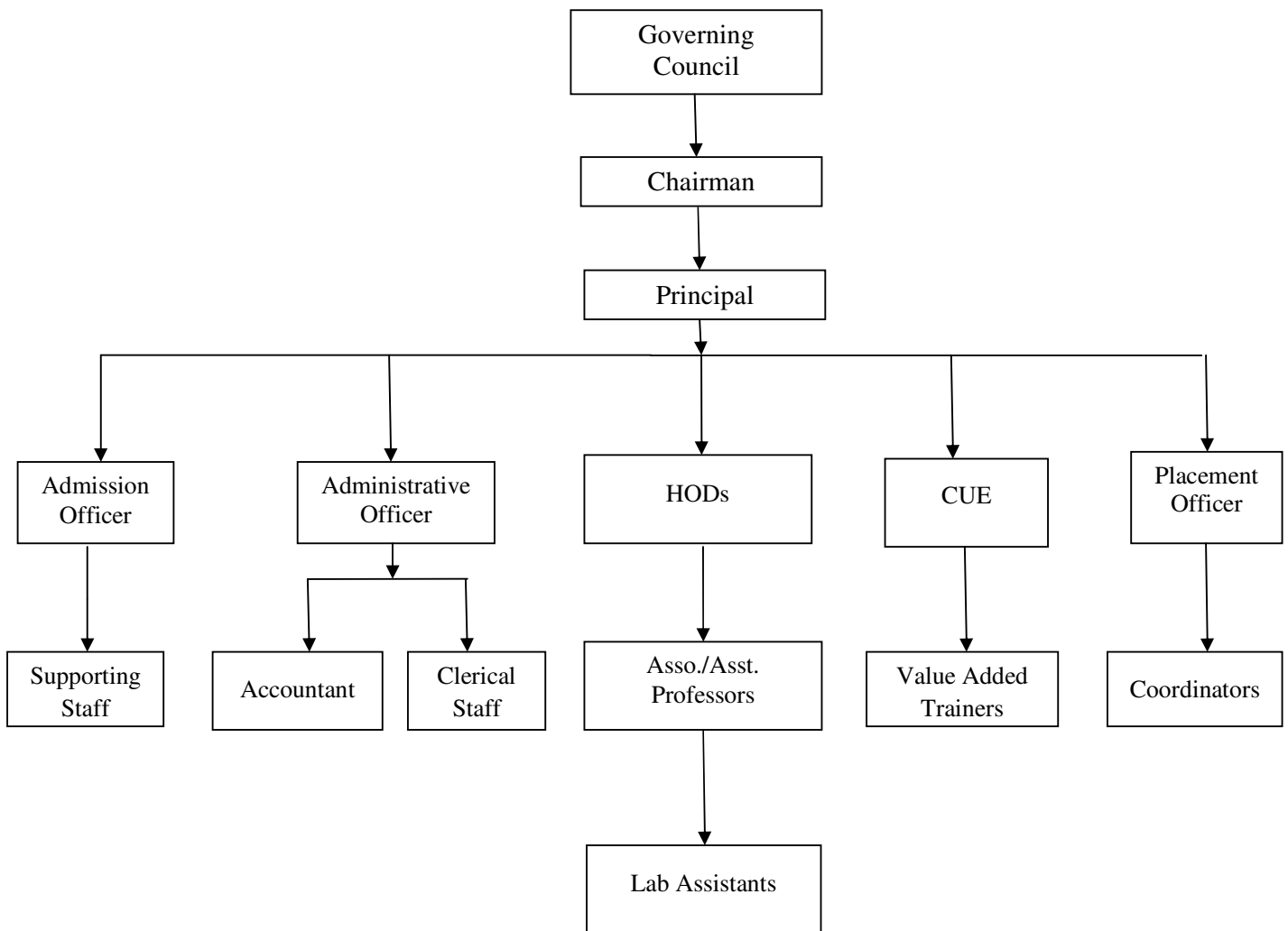
Yes, the institution has a perspective plan for development, with the ultimate aim of converting this institute into a center of academic excellence. The perspective plan includes important aspects such as:

- Increasing the research activities of the various departments.
- Encouraging innovative ideas from staff and students.
- Gaining recognition by obtaining accreditation from NAAC and NBA.
- Providing ample opportunities to students to learn their subjects beyond the prescribed syllabi.
- Promoting institute industry interaction.
- Improving the scope of consultancy services by increasing infrastructure facilities.
- Encouraging faculty members to participate in more and more FD programs.

- Recruiting more staff with PhD qualification.
- Achieving autonomous status within next 2 years.
- Converting the institution into center of academic excellence.

6.2.3 Describe the internal organizational structure and decision making processes.

ORGANISATIONAL STRUCTURE



GOVERNING COUNCIL

The Governing Council is headed by the Chairman and it consists of a few trustee members, prominent educationalists from leading institutes such as IIT Chennai, eminent industrialists and representatives from the teaching community. The Principal serves as the member secretary of the council.

- The Governing Council provides proper guidance from time to time, regarding the management of financial and human resources.

- The Governing Council discusses important major policy matters of the college for the academic year and makes recommendations for further improvement.
- Proposals regarding the increase in intake, starting of new courses, filling up vacancies etc are normally approved by the Governing Council.
- By sharing their experience, eminent industrialists provide guidance on introducing new courses, in tune with the prevailing trends in the industry.
- The Governing Council analyses the results of university examinations and suggests measures for improving the academic performance of the students.

The Council gives its approval for the financial allocation for improving the infrastructural facilities of the college.

The MOUs signed with companies and MNCs are taken up for discussion in the Governing Council.

The decisions taken at the Governing Council are conveyed to the HODs and Deans by the Principal every now and then. It is the duty of the HODs/Deans to ensure the effective implementation of the schemes, by delegating responsibilities to the staff members, depending up on their experience and level of efficiency.

Admission Committee

The admission committee is headed by The Chairman and functions under the stewardship of a senior most faculty member. The members of the committee take up the responsibility of printing brochures, application forms and prospectus, in addition to releasing advertisements through media. The committee makes necessary arrangement for participating in educational fairs, which happens to be a very important promotional activity. The members provide guidance to the aspiring students on choosing the right course, based on their aptitude.

Anti Ragging Committee

The committee consists of senior faculty members, student representatives, parents, legal Advisor and police personnel. The main objective is to eradicate ragging to make the campus totally free from the menace of ragging.

Grievances Redressal Committee

This committee is headed by the Vice Principal and it consists of senior faculty members and student representatives. The students can represent any grievance related to academic

matters or general amenities to anyone of the members. The committee (in consultation with the Head of the Institution) arrives at suitable solutions for genuine grievances.

Staff Selection Committee

The staff selection committee consists of the Chairman, Principal, respective HODs and subject experts. Advertisements are given in popular newspapers at the appropriate time, regarding vacancies in various departments. After proper screening, eligible candidates are called for an interview on a specific date. Selection is purely based on merit, taking into consideration the academic qualifications, experience and performance of the candidate in the interview.

Placement and Training Cell

This cell functions under the guidance of a placement officer with the help of staff coordinators from various departments. The cell arranges necessary training programs apart from conducting regular value added programs. It aims at equipping the students with the necessary soft skills and technical skills to improve their employability. The cell maintains a cordial relationship with the HR personnel from recruiting companies and it takes consistent efforts to bring as many companies and MNCs as possible to the campus.

Examination Cell

A senior faculty member is nominated as the officer in charge of examinations and he is being assisted by the Internal and External examination coordinators.

The cell is responsible for the conduct of internal assessment tests and the correction of answer scripts through a centralized system of evaluation. At the time of University examinations, the cell functions according to the instructions received from Anna University from time to time. It conveys necessary information to the students regarding the date of examination, hall arrangements, distribution of hall tickets etc. In coordination with the Chief Superintendent, it prepares the list of internal and external invigilators and functions strictly according to the instructions of the University.

Internal Quality Assurance Cell

This cell is headed by the Principal and it has a senior faculty member as its coordinator. With the guidance of eminent industrialists, the cell makes an attempt to improve the quality of teaching learning process.

The cell makes recommendations for conducting national level seminars. Workshops by making use of available human resources. Apart from assessing the infrastructural facilities, the cell takes efforts to arrange Faculty development programs periodically.

The IQAC functions as a catalyst in promoting the quality of the academic experience of the staff and students.

Anti Sexual Harassment Committee

As per the guidelines received from the UGC, this committee has been formed, to ensure gender equality inside the campus. The committee has a woman chairperson, as well as representatives from senior lady faculty and girl students. The objective is to eradicate all traces of eve-teasing and create a happy atmosphere of safety and security for girl students and lady faculty.

Discipline Committee

This committee is chaired by a senior faculty member and has representatives from teaching faculty as well as student community. The main objective is to maintain discipline and prevent any unwanted deviation from the norms prescribed by the management. The college insists on proper dress code, punctuality for both staff and students. It is the responsibility of the discipline committee to monitor the overall behavioral pattern and suggest corrective measures for erring students on matters such as, being punctual to the class, wearing id cards, preventing ragging and eve-teasing as well as adhering to the general rules and regulations of the college.

6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following.

Teaching & Learning

The objective of teaching and learning process is to strengthen the students' overall skills and prepare them for success in their career.

The head of the institution conducts periodical meetings with all faculty members and allocates subjects according to their specialization. A separate schedule is prepared for conducting internal tests, assignments, timetable etc.

All the staff members are asked to prepare lesson plan for each unit, course material for each topic and subject file for each subject. A separate log book for each subject is maintained by staff and it is verified by the HOD and Principal.

All faculty members' performance is monitored by the head of the department and the head of the institution. If there is any problem in their teaching; they are given proper guidance to improve the method of teaching in the classroom.

A separate Learning Management System (LMS) is introduced for the benefit of students. Staff members upload the course materials, important two marks and sixteen marks and quiz questions for each topic. A separate login is given for students so that they can access the topics from their homes. This system is completely user friendly and has proved to be very useful for students.

Research and development

The management encourages all the faculty members to register for PhD and gives necessary support like granting special leave on-duty, utilizing college library and college laboratories after college hours. The management rewards incentives as well as increments in pay and gives promotions to the next level. Staff members are encouraged to publish articles in reputable journals and their contributions are widely recognized and appreciated. Students who are interested or willing to participate in seminars, conferences and paper presentation are encouraged and provided leave on duty for attending the same.

Community engagement

The institution has started MOEEE (Model Online Entrance Exam for Engineers) for XII class students in and around Coimbatore.

An online test is conducted for XII class students in three subjects, namely Mathematics, Physics and Chemistry. Our staff members are asked to prepare objective type questions related to the prescribed syllabus on these three subjects.

We also conduct a JUBILATE program for XII class students to bring out their talents in extracurricular activities. Our college Tamil Mandram, Science Club, Baskaracharya Club English Literary Club, Fine Arts and Sports Club conduct competitions for XII class students to develop their extracurricular activities.

Human resource management

The management ensures the well being of both teaching and non teaching staff.

- Medical Insurance is provided to all the faculty members.
- The institution provides paid summer and winter vacations to all faculty members.
- In addition, Staff can avail casual leave and sick leave.
- Management arranges picnics, short visits and get-togethers every year for the refreshment of faculty members.

Industry Interaction

The management is very keen in having interaction with industries.

- Each department organizes many workshops, conferences and symposia with the joint participation of the faculty and industry.
- Inviting engineers from industries to visit the institution.
- Providing industry related project works to UG and PG students.
- Arranging practical training for students in industries.
- MOU with industries in order to provide hands on training to students.
- Intensive training through Value Added Programmes with the help of experts from industries to improve the placement prospects of the students.

6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

To review the activities of the institution, the head of the institution collects feedback from the students, HR personnels of companies and alumini. The head of the institution arranges periodical meetings with the heads of the departments and members of the faculty about the information collected from them and takes remedial measures wherever necessary.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

The head of the institution arranges meetings with the HODs and faculty members of various departments to discuss the various aspects of teaching learning process, infrastructure facilities and academic matters. The suggestions and recommendations are invited and forwarded to the top management for appropriate action.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

The management Council has started an Entrepreneurship Development Centre to develop entrepreneurial culture inside the campus. The management has initiated steps to apply for NAAC and NIRF. It has been decided to approach Department of Science and Technology for guidance and monetary support for taking up R & D projects. A Centre for Upskilling and Empowerment (CUE) has been formed in order to improve the knowledge and skills of Staff and students. The Departments of Civil Engineering and Computer Science are taking steps to create research centers with the approval of Anna University.

6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If „yes“, what are the efforts made by the institution in obtaining autonomy?

Yes. The affiliating university has a provision for according the status of autonomy for an affiliating institution. However an affiliating institution becomes eligible for autonomous status only after getting its courses accredited by NAAC and NBA. This institution has initiated the process of applying for accreditation by NAAC.

6.2.9 How does the Institution ensure that grievances, complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?

The institution has constituted grievance redressal committee, Anti ragging committee and Anti sexual harassment committee for redressing the grievances of students and staff. Complaint boxes are kept at strategic points so that students can bring any problem to the immediate notice of the authorities. This initiative has been widely appreciated by the students and has helped in promoting better stake holder relationship.

6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

No court has been filed against the institution.

6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If „yes“, what was the outcome and response of the institution to such an effort?

Yes. The mentors and class advisors interact with the students and the complaints received from the students are immediately brought to the notice of the respective heads of the departments. The HODs promptly discuss the problems with the Principal for taking necessary remedial measures. With the positive support of the management, efforts are made to resolve the issues. This approach has resulted in the overall improvement of institutional performance.

6.3 Faculty Empowerment Strategies

6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non teaching staff?

Faculty members are deputed to attend refresher courses. The institution encourages the faculty to attend FDP.Workshops.Seminar.Conferences organized by other institutes. The faculty members are highly motivated to publish research articles. They are given opportunity to interact with experts from different fields during the interactive sessions to update their knowledge.

The non teaching staff is encouraged to visit other leading institutes to study the best practices followed there. When any new software is installed for administrative purpose, they are given proper orientation to ensure better use of it.

6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

The faculty members are given the privilege to attend the technical training programs, paper presentation, conferences, seminars and workshops. The faculty members are entitled to get an increased remuneration on acquiring doctoral degree.

6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal?

The institution has an annual self appraisal system of individual performance .The faculty members should submit the self appraisal report to the respective head of the department which is forwarded to the Principal. The Principal scrutinizes all the details and forwards it to the management. On the basis of the performance report the individual staff receives appropriate rewards. The multiple activities of the staff are also considered for the appraisal.

6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

The performance is assessed yearly mainly in three areas namely teaching, research and services. Based on the outcome of the review, the skill of the person is assessed .In certain cases, necessary training programmes are arranged to improve the performance of the stake holders.

6.3.5 What are the welfare schemes available for teaching and non teaching staff? What percentage of the staff have availed the benefit of the schemes in the last four years?

In regular terms of employment, there are benefits like medical and health insurance. Members of non teaching staff are eligible to apply for loans during festival seasons, or whenever there is an emergency. Nearly 40 percent of staff have availed the benefit of the schemes in the last four years.

6.3.6 What are the measures taken by the institution for attracting retaining eminent faculty?

Prevalence of conducive and stimulating atmosphere for good academics has been the motivating factor for faculty to contribute and excel. For retaining existing faculty various

supports are provided so that they can continue their work well. These supports include professional development programs and orientation programs. Besides, awards are given to staff annually for their outstanding performance in academics and other areas. A structured yearly evaluation and feedback method ensures that faculty is being recognized for their work. Therefore, the faculty members are reluctant to leave the institution and practically there is no migration of staff from our institute to other institutions.

6.4 Financial management and Resource Mobilization

6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?

Budget for the upcoming semester is planned by the Principal after consulting the HODs. The requirements for the departments, labs, infrastructure and library are assessed and the budget is finalized for the academic year. Provisions for exigencies and actual expenditure likely to be incurred are assimilated and included in the budget.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

Utilization of funds like salary, stipends and fees are audited by a qualified chartered accountant every academic year. No major objections are pointed out and the institution takes up the suggestions put forth by the auditor.

6.4.3 What are the major sources of institutional receipts.funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund.corpus available with institutions, if any.

The major revenue of the institution is from tuition fees and other fees collected from the students. The Trust has sufficient funds and so there is no shortage of funds. The scrutinized income and expenditure statements for the last four years are enclosed for your reference.

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

The institution mainly relies on management for the funding of various projects. However efforts are being made to secure additional funding from agencies such as AICTE, DST, DRDO, etc in the coming years.

6.5 Internal Quality Assurance System (IQAS)

6.5.1 Internal Quality Assurance Cell (IQAC)

a. Has the institution established an Internal Quality Assurance Cell [IQAC]? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?

An internal Quality Assurance Cell has been established this academic year. Persistent improvement in academic performance, emphasis on good fundamentals, scope for diversified learning and practical as well as research orientation through projects and seminars are the main objectives of our mission. The institution believes in supporting students to refine the necessary skills, attitudes and aptitude towards the corporate placement. The protocol followed in the institution regarding quality assurance fulfils the quality policy and the cell is vigilantly scrutinized by a team of experts.

b. How many decisions of the IQAC have been approved by the management authorities for implementations and how many of them were actually implemented?

Since 2012, the institution rigorously follows the ISO procedures and maintains the academic quality. The team of experts monitors and implements ISO procedures and takes vital decisions such as improving the results, special lectures, peer learning through tutorials, frequent IVs, bridging the gap between students and the industry and introducing Value Added Programmes. A dedicated and well equipped Placement Cell provides career guidance and also special training in soft skill development for all the students. These qualitative programmes are implemented through the approval of the management.

c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

The cell has two external members from the industry. The suggestions given by these members are forwarded to the governing council of the college from time to time. They make a significant contribution for the development of the college by sharing their technical knowledge and experience, apart from appraising the students about the latest trends and developments in the industry.

d. How do students and alumni contribute to the effective functioning of the IQAC?

The institute maintains a cordial relationship with the Alumni and takes efforts to have frequent interaction with them. The office bearers of the Alumni association express their views on enhancing the quality of the curricular and co curricular programmes in the college. This healthy interaction has resulted in the improvement of the quality of teaching learning process to a very great extent.

e. How does the IQAC communicate and engage staff from different constituents of the institution.

The IQAC conducts regular meetings with the HODs and representatives from each department. With the concurrence of respective HODs, responsibilities are delegated to the staff for implementation. Since the decisions are taken after discussion in a democratic way, the IQAC had not faced any difficulty in the implementation process.

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalisation.

The quality policies are outlined in such a way that they satiate and fulfill the ISO procedures. With the formation of IQAC the responsibilities of ISO coordinators will be automatically transferred to IQAC with the approval of the Principal, the IAQC is expected to come out with valid suggestions for improving the quality of academic performance of the institution.

6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.

The faculty headed by HODs provide academic leadership and the same is communicated through department staff meetings. Every year orientation is given to staff and the agenda covers topics such as strengthening the vision and redefining the mission to suit the changing educational scenario. The programmes immensely help teachers to improve their quality in teaching and to bring them in pace with the changing trends in their subjects.

6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the intuitional activities?

The institution conducts academic audits as designed by the University. The main form of academic audit is undertaken through examination pattern. The internal examination, seminars and assignments form another mode of internal audit. The governing board reviews the University exam results and does a kind of external audit on academic quality. Based on the assessment, required directions for improving quality are given to the staff. Thus the corrective action is vigilantly exercised by the staff and students.

6.5.5 How is the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies, regulatory authorities?

Towards achieving the quality parameters, the institution has constituted several criteria at the operational level to satisfy the quality policy. The suggestions at all levels are encouraged

on quality enhancement. This way, the internal quality mechanisms are well aligned with that of the external quality agencies.

6.5.6 What intuitional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcomes?

Yearly reports such as lesson plan, coverage of portions, books prescribed, number of tests and assignment are planned before the commencement of the semester. Monthly reports which include portions covered, mode of classes handled, tests and internal exams conducted, number of experiments completed, are discussed in the class committee meetings and corrective measures are taken immediately. The innovative and best practices followed are highlighted and they help in enriching the teaching and learning process.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

The institution communicates its quality policies through the hand book, College website, general meeting for parents and students, public functions conducted in the college and in Alumni meetings. Periodic meetings for staff and students are conducted at frequent intervals and thus quality assurance policies are communicated to the stake holders.

CRITERIA VII: INNOVATIONS AND BEST PRACTICES

7.1 Environment consciousness

7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

Even though our institution does not conduct a green auditing program we are well aware and no effluence has caused environmental degradation due to any process in our campus. By adopting some recommended and green forecasting methods such as waste water recycling, use of alternative power bulbs(CFL) for the consumption of less energy, planting of trees and decorative plants in more numbers in and out of the campus, an eco – friendly atmosphere has been created in the campus. Proper disposing of plastics and polythene materials periodically on alternative days keeps the campus clean and dust free.

7.1.2 What are the initiatives taken by the college to make the campus eco – friendly?

- **Energy conservation**
 - The students have been made self-responsible by making them switch off the lights and fans whenever not in use. Energy conservation banners have been put up in the college and hostel.
 - Solar powered water heaters were installed in both the boys and girls hostel and in use effectively.
 - The high energy consuming CRT monitors have been replaced by LCD monitors in stages.
 - The UPS Batteries are maintained in good condition which helps to improve the efficiency ensuring longer life.
 - CFL light is being used in many places to save energy.
- **Use of renewable energy**
 - The Institute is having a solar street light, solar water heater and also bio gas plant for making use of renewable sources of energy effectively.
- **Water harvesting**
 - The three bore wells inside the campus cater to the total water requirements of the college.
 - The surface runoff water eventually drains into an abandoned open well, which facilitates groundwater recharge.
 - Waste water is being recycled and it is used for watering the trees and plants
- **Check dam construction**
 - No

- **Efforts for carbon neutrality**
 - Initiatives are taken to sensitize students and staff members in utilizing the common transport system in order to reduce the carbon emission.
 - The Management Plans to Create an Institutional Culture of Sustainability.
 - We aim to achieve neutrality through energy conservation and efficiency, renewable fuel sources, technology innovation, education, and as a last option, the purchase of carbon offsets.
- **Plantation**
 - Well trained team of gardeners maintains the plantation within the campus.
 - Steps are taken to safeguard all the trees.
 - Sapling Planting programme was held in our college on Oct 2015 and over 50 trees were planted. The faculty members and students of our institution actively participated in the programme.
- **Hazardous Waste Management**
 - Waste from the hostels .canteen is given to piggeries.
- **e- waste management**
 - Whenever the computers are being upgraded the old computers are donated to a school or an organization working in the field of education.
 - Storage bins, also known as blue cabinets were built to collect batteries, small electronic parts, printer cartridges, and CDs. All the e- waste products are stored in an isolated safe place.
 - Staff attendance is monitored by systemized Bio – Metric sensors.

7.2 Innovations

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

Bridge course

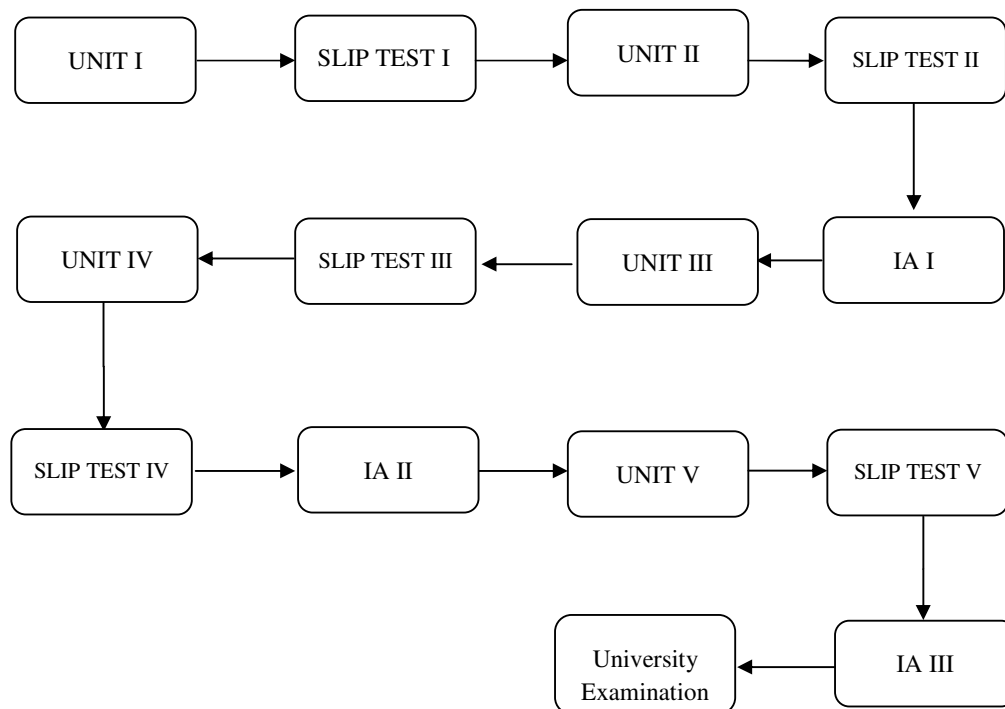
For the first year UG students a bridge course is offered for a period of 15 days before the commencement of the academic year. Students interact well with the faculty member during the course period and they are motivated and encouraged.

Academic innovation

- Development of teaching methodology in communicative English based on need analysis, thus ensuring good communication for the students from vernacularmedium of study

- Introduction of application orientated experiments, mini projects as part of the laboratory courses
- Introduction of technical value added courses relevant to the branch of study enhancing conceptual understanding
- Student centric learning through the introduction of direct self-study courses and peer learning
- Introduction of industry internship to enhance practical knowledge and employability.
- Introduction of comprehensive assessments to improve application orientation and problem solving
- Apart from the regular curriculum, value added programmes such as Solid works, Pro E and Auto CAD are conducted for the students to meet the requirements of the industry.

The following academic road map was designed and followed by all departments of the institution:



Students Digital Library

- There has been an enormous rise of digital resources to aid the learning of engineering students. NPTEL is a prominent example and there are a lot of websites that offer a range of free and premium courses in engineering education. Apart from these courseware, there are a number of web links, EBooks, Code Books, Review papers, question banks

etc. which may be of use to the students. On this note, our Department has fostered a unique initiative called the Students Digital Library. A separate computer has been provided for the digital library where the resources are organized both subject wise and topic wise. For example, a folder StructuralAnalysis will open to sub folders EBooks, Research Papers, Question Banks,PPTs, Videos, Web Links etc. and this organized collection of resources will enable easy retrieval of resources. The major highlight of this initiative is that it is run by the students and coordinated by the faculty members. The students are committed to improving the number of resources, coordinating it as an online database and also developing a search engine for the same.

Innovative efforts in academics:

- LCD projector in 50 % of the class room
- Library resources beyond statutory requirements
- Moodle – Learning Management System
- Internet.Wi-Fi in the campus and hostel
- Proficiency Awards to meritorious students

Innovative efforts in teaching quality assurance:

- Functioning of Internal Audit and External Audit Committee
- Organizing more number of Faculty Development Programmes
- Feedback from students, Alumni, Parents, Employers
- Course file maintenance by each faculty for each subject
- Well Structured Course Plan

Innovative efforts in student control:

- College identity card for each student, identifying Year of study and indicating whether Hosteller or Day scholar
- One tutor for every 15 to 20 students
- Faculty to monitor the dress code of the students.
- Dedicated student counselor

Innovative co-curricular Programmes:

- Orientation programme for new students
- Value added and skill oriented add on courses
- More number of Workshops.Seminars.Guest lecture etc., for students and faculty
- Functioning of Student associations and various clubs

Student Support Services:

- To cater to the intellectual, psychological and social needs of the students and to enrich the learning experience the following activities. facilities are initiated.

- Campus interview and placement cell
- Group e-mail id for each batch
- Remedial classes
- Various clubs
- Women Grievances Redressal Cell
- Photocopying facility
- Canteen facility
- Indoor and outdoor play grounds

Research & Development

- Establishment of research facility to carry out basic and applied research.

Industry Interaction

- Training for the faculty in industry through immersion programmes.
- Solving problems for the industry by the members of the faculty
- Collaborative work and consultancy with the industry by the faculty team with an incentive to the faculty as motivation

Infrastructure upgradation:

- Centre for Innovation
- Separate two wheeler parking facility
- Study room facilities.

Governances & Administration

- The decentralized governance with the appropriate structure
- Computerized campus management system for effective governance

Social Welfare

- Our students are also made aware of their social responsibility and made to contribute to the welfare of the neighboring community through Social Welfare Association of the college. Programs like blood donation camps, visits to the orphanages, awareness programs on environmental protection, etc. are organized in the nearby villages.

Other Clubs

- To bring out the hidden talents of students in arts and culture such as drawing, music, dance, oratory and other cultural activities, Talent Search Club and Dance club are created and are functioning well.

7.3 Best Practices

7.3.1 Elaborate on any two best practices as per the annexed format which have contributed to the achievement of the Institutional Objectives and/or contributed to the Quality improvement of the core activities of the college.

Best Practice – I

Title of the Practice: Learning Management System

Goal

The Goals of the practice are as follows:

- Objective of the practices is to transform the teaching learning process with Conceptual understanding and application orientation
- UIT persistently seeks and adopts innovative methods to equip the students with knowledge, skills and character to help them become competent engineers by facilitating the dynamic Learning management System.

The Context

- The Institution offers UG and PG programmes in various disciplines.
- The development of the students who are technically competent, professional with the acceptable level of employability skills, is the basic requirement for any program in engineering and technology.
- Learning Management System is software application or web-based technology used to plan, implement, and access a specific learning process.
- A platform through which learning content is delivered and managed
- A combination of software tools that perform a variety of functions related to online and offline training



The Practice

In order to accomplish this goal the following practices are in place

- Faculty Members from every department Contribute to begin this LMS system.
- LMS to facilitate interaction, enhances learning abilities and supports systematic learning, including problem solving, critical thinking, and collaboration skills
- 100% browser based for the learners and the administrator-no-plugin required
- Three types of user registration: OPEN, APPROVED REQUIRED, and CLOSED
- Publish course materials and conduct courses
- Multilevel course catalogue
- Online reports
- Allow group learning

The screenshot displays a Moodle course interface. At the top, the course title is "II SEM CSE/EEE ENGINEERING PHYSICS II". The main content area is titled "Topic outline" and lists five objectives:

1. TO KNOW THE BASIC CONCEPTS OF MATERIALS BASED ON THEIR PROPERTIES
2. TO CAPTURE THE BASICS OF SEMICONDUCTORS AND P-N JUNCTION.
3. TO DISCUSS THE CONSTRAINTS OVER THE SELECTION OF MATERIAL FOR MAGNETS.
4. TO GET AN IDEA ABOUT WHAT IS NANOTECHNOLOGY AND ITS APPLICATIONS IN ENGINEERING.
5. TO ANALYZE SOME IMPORTANT MODERN ENGINEERING MATERIALS FOR BETTER PERFORMANCE AND LIFE IN THE PLACE OF EXISTING MATERIALS.

Below the objectives, there is a list of sessions:

- Session 1:** Conductors – classical free electron theory of metals (Two mark questions, 10 mark questions)
- Session 2:** Electrical and thermal conductivity (Two mark questions, 10 mark questions)
- Session 3:** Wiedemann – Franz law – Lorentz number (Two mark questions, 10 mark questions)
- Session 4:** Draw backs of classical theory (Two mark questions)

The left sidebar contains navigation menus for "People", "Activities", "Search Forums", "Administration", and "My courses". The right sidebar shows "Latest News", "Upcoming Events", and "Recent Activity".

The screenshot shows a Moodle quiz attempt page. The title is "Preview QUIZ ON BASIC ELECTRICAL ENGINEERING". The page contains two questions:

Question 1: Condition for the validity under Ohm
Marks: 1
Choose one answer:
 a. Temperature should remain constant
 b. Current should remain constant
 c. Resistance must be wire wound type
 d. All the above

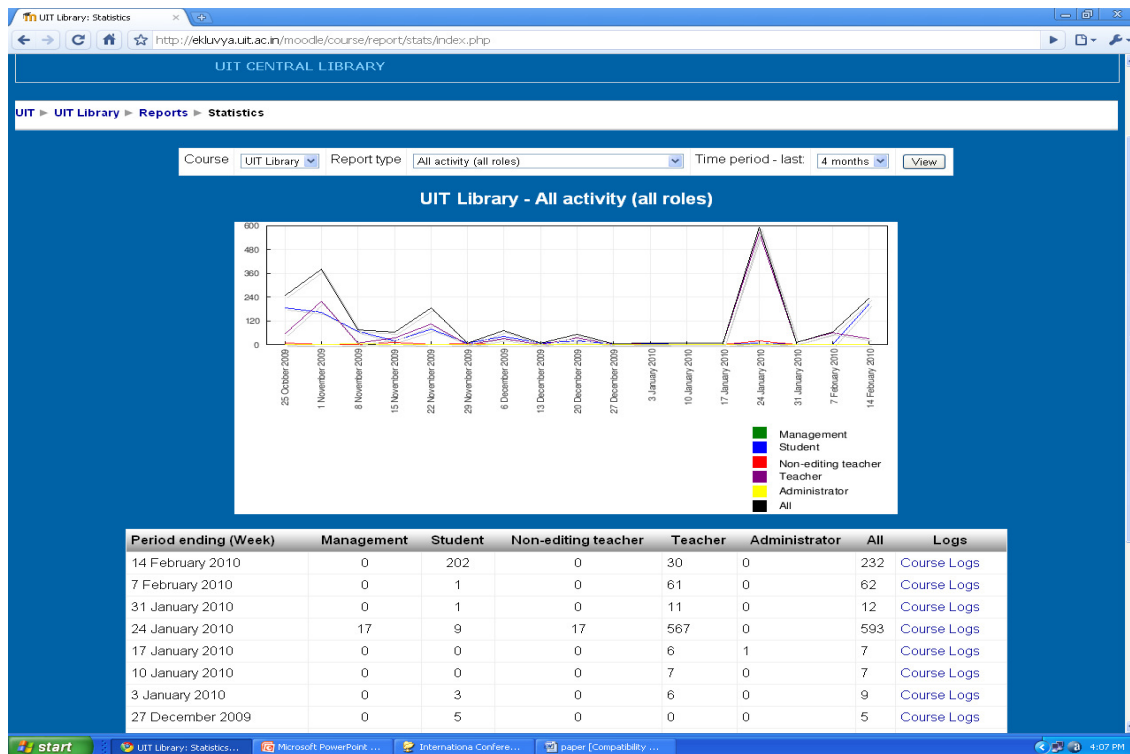
Question 2: Resistance of wire varies inversely as the
Marks: 1
Choose one answer:
 a. Area of cross section
 b. Length
 c. Resistivity
 d. All the above

The page also includes navigation tabs for "Info", "Results", "Preview", and "Edit", and a "Start again" button.

Evidence of Success

- The effect of the implementation of the LMS in UIT, showed that the Learning Management System has been widely used and will continue to grow in UIT.

- LMS to facilitate interaction, enhances learning abilities and supports systematic learning, including problem solving, critical thinking, and collaboration skills.
- LMS has proved to be beneficial to student learning environment.
- Moodle is sufficient and successful to deliver the lecture notes and interaction which exists in a “real” class room environment



Problems Encountered and Resources Required

- Paradigm shift in the focus of the faculty members from regular teaching.
- Establishing competence group amongst the faculty matching the industry Expectations.
- Financial support by the management.
- Paradigm shift in the focus of the student involvement and daily practice.
- Constant motivation is required to enable the students to participate in the LMS conducted by these establishments and to manage time between regular academic schedule and industry interface programs.

Best Practice – II

Title of the Practice: Centre for Upskilling and Empowerment (CUE)

Centre for Upskilling and Empowerment is an exclusive setup meant to add skills and empower students. The vision of CUE is to consistently produce competent, professionally ethical, socially responsible and eco-friendly engineers who would be empowered to innovate, invent and provide optimal engineering solutions to the society. The following activities fall under the scope of CUE:

- The Orientation Program for Budding Engineers for Sem 1 students is primarily meant to bring forth mental transition among them from school to the engineering institution
- Value Add Programs are conducted to empower students
- Learning programs related to employability skill building are imparted to students
- The concept of incubator has been initiated with the support of corporate to create a robust supply chain of competent human resources
- CUE acts as a voice of the industry inside the campus
- CUE facilitates aptitude and soft skill training programs to groom the students

Goal

To empower the students of Semester 1 by helping them to break their mental barriers . myths with regard to self and the field of engineering.

The Context

The students are physically inside the premise of the engineering institution but mentally they are at school. The need to bring in mental transition among students to ensure their smooth and effective learning journey for the next 4 years has set the context to take up this activity.

The Practice

Value Add Program is the mode employed through which students were given pragmatic input on mind map and its impact on effective learning. Students were engaged in classroom presentations wherein they applied the concept of mind map in their academic subjects. The concept helped them to prepare subject notes in an effective way. As an extension of it, students were exposed to online mind mapping tool and some students made use of the tool for their presentations.

Evidence of Success

The outcome of the activity is quite encouraging as it empowered the students especially those who are from the Tamil medium background. There is a clear cut implication on their academic performance. They were able to effectively recall all the salient points during the exam that in turn boosted their academic performance. The Tamil medium students who were scared to look at English are now able to boldly face the language and learn the subject.

We have video testimonies and documents as well to substantiate the above claim. Through faculty empowerment programs (FEP) we have shared the success story with the school teachers to pass the benefits to the school students. The school teachers, close to around 40 of them, have attended the FEP and acknowledged the tips and success stories those were shared during the program.

Problems Encountered and Resources Required

Time is the only constraint and the resources are sufficient.

EVALUATIVE REPORT OF THE DEPARTMENTS

Evaluative Report of the Departments

1. **Name of the department** : Civil Engineering
2. **Year of Establishment** : 2010
3. **Names of Programmes, Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**

S.No.	Engineering .Technology			Year of Started
1	UG	B.E	Civil Engineering	2010
2	PG	M.E	Structural Engineering	2012

4. **Names of Interdisciplinary courses and the departments.units involved**

UG: B.E – Civil Engineering

Anna University, Chennai - Regulation 2013

S.No.	Subjects	Semester	Department Involved
1	GE 6162 Engineering Practice Laboratory	I BE Civil	EEE
2	GE 6162 Engineering Practice Laboratory	I BE Civil	ECE
3	GE 6151 Computer Programming	I BE Civil	CSE
4	GE 6161 Computer Practices Laboratory	I BE Civil	CSE
5	GE 6152 Engineering Graphics	I BE Civil	MECH
6	GE 6162 Engineering Practice Laboratory	I BE Civil	MECH
7	HS 6151 Technical English – I	I BE Civil	Science & Humanities
8	MA 6151 Mathematics – I	I BE Civil	Science & Humanities
9	PH6151 Engineering Physics –I	I BE Civil	Science & Humanities
10	CY 6151 Engineering Chemistry –I	I BE Civil	Science & Humanities
11	GE 6163 Physics and Chemistry Laboratory-I	I BE Civil	Science & Humanities
12	GE 6252 Basic Electrical and Electronics Engineering	II BE Civil	EEE
13	GE 6262 Physics and Chemistry Laboratory-II	IIBE Civil	Science & Humanities
14	HS 6251 Technical English II	II BE Civil	Science & Humanities
15	MA 6251 Mathematics II	II BE Civil	Science & Humanities
16	PH 6251 Engineering Physics II	II BE Civil	Science & Humanities
17	CY 6251 Engineering Chemistry II	IIBE Civil	Science & Humanities
18	MA 6351 Transforms and Partial Differential Equations	III BE Civil	Science & Humanities
19	MA 6459 Numerical Methods	IV BE Civil	Science & Humanities
20	GE 6563 Communications Skills- Laboratory based	V BE Civil	Science & Humanities

PG: M.E – Structural Engineering

Anna University, Chennai - Regulation 2013

S.No.	Subjects	Semester	Department Involved
1	MA 7154 Advanced Mathematical methods	I ME- Structural Engg	Science & Humanities

5. Annual, semester choice based credit system (programme wise)

S.No.	Engineering .Technology			Annual.Semester Credit System
1	UG	B.E	Civil Engineering	Semester based Credit System
2	PG	M.E	Structural Engineering	Semester based Credit System

6. Participation of the department in the courses offered by other departments

UG: B.E – Civil Engineering

Anna University, Chennai - Regulation 2013

S.No.	Subjects	Semester / Courses	Department
1	GE 6162 Engineering Practice Laboratory	I BE	S &H (MECH, CSE, EEE, ECE)
2	GE 6251 Basic Civil and Mechanical Engineering	II BE	EEE
3	GE 6351 Environmental Science and Engineering	III BE	EEE
4	GE 6152 Engineering Graphics	I BE	S &H
5	CE 6451 Fluid Mechanics	III BE	MECH

PG: M.E – Structural Engineering:

Nil

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

Value Added Programmes			
S.No.	Industry/Institute/University	Course(s)	Duration
1	United InfoTech Software training and Development Institute	AUTOCAD STAAD.PRO ARCHICAD PRIMAVERA	3 Months

8. Details of courses, programmes discontinued (if any) with reasons:

Nil

9. Number of teaching posts

Designation	Sanctioned	Filled
Professors	02	02
Associate Professors	03	01
Asst. Professors	09	12

10. Faculty profile with name, qualification, designation, specialization, (D.Sc/D.Litt./Ph.D/ M. Phil. Etc.,)

S.No.	Name	Qualification	Designation	Specialization	No. of Years of Experience			No. of Ph.D. Students Guided for the last 4 years
					Industry	Teaching	Total	
1	Dr.M.K.Saseetharan	Ph.D	Professor	Environmental Engineering	2	39	41	1
2	Dr.M.Palanisamy	Ph.D	Professor	Structural Engineering	1	14.5	15.5	Nil
3	Mrs.K.Sridevi	M.E	Associate Professor	Structural Engineering	0	12	12	Nil
4	Mr.R.Ravindranath Chandra	M.E	Assistant Professor	Geotechnical Engineering	3	4.6	7.6	Nil
5	Mr.S.Shanmugam	MS	Assistant Professor	Environmental Engineering	0	6	6	Nil
6	Mr.S.Agaramuthalvan	M.E	Assistant Professor	Structural Engineering	1.2	4	5.2	Nil
7	Ms.A.Harini	M.E	Assistant Professor	Structural Engineering	0	4.0	4.0	Nil
8	Ms.D.Lavanya	M.E	Assistant Professor	Environmental Engineering	0	3.0	3.0	Nil
9	Mrs.M.Kasthuri	M.E	Assistant Professor	Structural Engineering	0	3.0	3.0	Nil
10	Mr.P.Mahakavi	M.E	Assistant Professor	Structural Engineering	1	2	3	Nil
11	Ms.M.Lingaeswari	M.E	Assistant Professor	Structural Engineering	0.9	1.9	2.8	Nil
12	Mrs.S.Sowmyadevi	M.S	Assistant Professor	Structural Engineering	0.8	1.7	2.50	Nil
13	Mr.S.Kalaiyarasi	M.E	Assistant Professor	Structural Engineering	0	2.0	2.0	Nil
14	Mr.T.V.Karthika	M.E	Assistant Professor	Structural Engineering	0	0	0	Nil
15	Mr.M.Manimaran	M.E	Assistant Professor	Structural Engineering	0	0	0	Nil

11. List of senior visiting faculty

Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

Nil

13. Student -Teacher Ratio (programme wise)

UG: B.E – Civil Engineering

S.No.	Sanctioned Intake	Total Students Strength				Faculty Strength	Student - Teacher Ratio
		II Yr	III Yr	IV Yr	Total		
1	162	54	54	74	182	12	15:1

PG: M.E – Structural Engineering

S.No.	Sanctioned Intake	Total Students Strength			Faculty Strength	Student - Teacher Ratio
		I Yr	II yr	Total		
1	28	Admission Under Process	7	7	3	12:1

14. Number of academic support staff (technical) and administrative staff sanctioned and filled

Description	Sanctioned	Filled
Teaching Support Staff	02	02
Administrative staff	01	-

15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D./ MPhil/PG etc.,

Qualification	Number of Faculty
Ph.D	02
Ph.D Pursuing	02
PG	11

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

Nil

17. Departmental projects funded by DST – FIST, UGC, DBT, ICSSR, etc. and total grants received

S. No	Principal Investigator(s)	Title of the project	Name of Funding Agency	Amount Sanctioned	N. I	Date of sanction	Status
1	Mr.K.Karuppiah (Student)	Planning, Analysis and Designing of a Club house – Model Making using Plaster of Paris	Self Funded	3000 Rs.	N	02-07-2015	Completed

18. Research Centre .facility recognized by the University:

Nil

19. Publications: Journal

S. No	Name of the Faculty	Journal		Conference		Number of Publications listed in International Database	Citation Index	h-index
		N	I	N	I			
1	Dr.M.K.Saseetharan	-	3	-	-	3	-	-
2	Dr.M.Palanisamy	-	5	-	-	5	3	1
3	Mrs.K.Sridevi	-	1	-	1	2	-	-
4	Mr.R.Ravindranath	-	1	-	-	1	-	-

N- National I - International

Monographs: Nil

Chapter in Books: Nil

Books Edited.Published: Nil

20. Areas of consultancy and income generated

S.No.	Academic Year	Name of the company / Organization	Area of Consultancy	Date	Amount Rs.
1	2012 - 2013	Mr/R.P.Rathi, 4E, May Flower anu keerth,38-kanusamy Road,R.S.Puram,CBE-02	Soil Test – Industrial shed godown	21.07.2012	11235
2		Mr/Ms.Victoria Relators’ Coimbatore -18	Structural - NDT	14.12.2012	10000
3		BASF INDIA LIMITED, Construction chemical Division, CBE-04	Concrete	07.01.2013	5250
4		Mr.M.Thirumoorthy, BRS BRICKS, CBE-20	Building Materials	11.01.2013	300
5		Mr.M.Thirumoorthy, BRS BRICKS,CBE-20	Building Materials	06.02.2013	350
6		Mr/Ms.Victoria Relators’ Coimbatore -18	Structural - NDT	25.04.2013	10000
7		Viswanathan constructions(p) Ltd, CBE-2	Concrete	06.05.2013	1500
8		Mrs.T.Shanmugapriya, AP- SRIT,CBE-10	Utilization of Concrete lab	13.05.2013	8500
9		Viswanathan constructions(p) Ltd, CBE-2	Concrete	28.05.2013	250
10		Mr/Ms.Victoria Relators’ Coimbatore -18	Soil Test	25.04.2013	8000

11	2013 - 2014	Mr/Ms.Victoria Relators' Coimbatore -18	Soil test	29.06.2013	4000
12		Mr.R.D.Sekar,CBE-06	Soil test	13.08.2013	4000
13		Vishmitha eco Bricks, Coimbatore-107	Building Materials	02.09.2013	500
14		Viswanathan constructions(p) Ltd, CBE-2	Concrete	25.09.2013	250
15		Mr/Ms.Victoria Relators' Coimbatore -18	Soil test	26.08.2013	4000
16		Abhinitha Foundation Put.Ltd,Chennai-17	Soil test	16.11.2013	4000
17		Mr/Ms.Victoria Relators' Coimbatore -18	Structural - NDT	02.01.2014	8200
18		CSI College of Engineering, The Nilgiris-643215	Utilization of structural lab	03.05.2014	26292
19		Prof.T.Manoharan, PARK College,CBE-659	Utilization of structural lab	21.05.2014	10533
20	2014 - 2015	Ms.Karthkeyan Associates, Coimbatore-04	Soil test	10.07.2014	4000
21		Mr.S.Saravanan, Coimbatore-29	Soil test	10.02.2015	4000
22		N.K.Amuthavalli,TCE-CBE	Utilization of structural lab	21.05.2015	4000
23		EASA college ,CBE-105	Utilization of structural lab	22.05.2015	18000
24		Mr.c.Jaya Prasad,TCE-CBE	Utilization of structural lab	12.05.2015	3000
25	2015 - 2016	Sri Mythili Associates, Coimbatore-47	Concrete	11.08.2015	500
26		Pelican associates Pvt.ltd Coimbatore	Soil Test	07.09.2015	3000
27		Senthil Construction Coimbatore	Concrete	14.11.2015	300
28		Sri lakshmi Mwdical center&hospital-CBE-34	Concrete	28.12.2015	500
29				19.01.2016	250
30				25.04.2016	500
31		Mr.P.T.Nihar	Testing of Beam	30.03.2016	6000
32		Sri Mythili Associates, Coimbatore-47	Concrete	25.04.2016	500
33		Er.P.Thirumoorthi, AEE-PWD, Bhavanisagar.	Concrete	05.05.2016	500
34		Er.P.Thirumoorthi, AEE-PWD, Bhavanisagar.	Concrete	05.05.2016	500
35	M/s.Swaminathan,CBE	Testing of Beam	03.05.2016	1000	
Total					1,64,010

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards....

S.No.	Name of the Faculty	Member in Professional Bodies	Reviewer
		National	
1	Mr.S.Shanmugam	1	-
2	Dr.M.Palanisamy	2	-
3	Mrs.K.Sridevi	3	1
4	Ms.A.Harini	1	-
5	Mrs.M.Kasthuri	1	-
6	Mr.P.Mahakavi	1	-

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental programme

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

Courses	2015-16		2014-15		2013-14		2012-13	
	I	O	I	O	I	O	I	O
UG	100	-	100	-	100	-	100	-
PG	100	-	100	-	100	-	100	-

I –Inter departmental

O – Research Laboratories.Industry.Other agencies

23. Awards / Recognitions received by faculty and students Faculty

S.No.	Name of Faculty	Academic Year	Award/Recognitions
1	Ms.D.Lavanya	2015-2016	Appreciated for producing 95.2% (7 th sem)
2	Mrs. K. Sridevi	2014 – 2015	Appreciated for producing 100% (4 th sem M.E. Structural Engineering)
3	Mrs. S. Kalaiyarasi	2014 – 2015	Appreciated for producing 96.9% result (8 th sem)
4	Mr. V. Prabhakaran	2014 – 2015	Appreciated for producing 96.8% result (6 th sem)
5	Mr. V. Prabhakaran	2014 – 2015	Appreciated for producing 100 % result in Industrial Structures (3 rd sem M.E.)
6	Ms. A. Harini	2014 – 2015	Appreciated for producing 100 % result in Prefabricated Structures (3 rd sem M.E.)
7	Mr. S. Agaramuthalvan	2013 - 2014	Appreciated for producing 100% result in Earthquake Resistant Structures (Final yr Civil)
8	Ms. D. Lavanya	2013 - 2014	Appreciated for producing 100% result in Municipal Solid Waste Management (Final yr Civil)
9	Mr. R. Ravindranath Chandra	2013 - 2014	Appreciated for producing 96% result in Building Service (Final yr Civil)
10	Mr. N. Muthukrishnan	2013 - 2014	Appreciated for producing 100 % result in Theory of Elasticity & Plasticity (M.E. 1 st sem)
11	Ms. S. Sri Ranjani	2013 - 2014	Appreciated for producing 100 % result in

			Maintenance & Rehabilitation Structure
12	Mrs. K. Sridevi	2012 – 2013	Appreciated for producing 100 % result in Theory of Elasticity & Plasticity (M.E. 1 st sem)

Students

S.No.	Name of Student	Academic Year	Award / Recognitions
1	Suba priya A.	2015 – 2016	II position in Paper Presentation
2	Suba priya A.		III position in Technical Quiz
3	ArunKumar S.		II Place in CAD Modeling
4	Nivetha R.		III Place in Paper presentation
5	Kiran S.		III Place in Paper presentation
6	Durga S.		III Place in Technical Quiz
7	Durga S.		II place in survey
8	Suba priya A.		II place in survey
9	Lillia Sushma K.		II position in Paper Presentation
10	Suryakala.G		III place in vollyball
11	Arunkumar.S		II position in Technical Quiz
12	Suba priya A		II position in eagle's Eye competition
13	Suba priya A		I position in Paper Presentation
14	Durga S.		II position in Paper Presentation
15	Deepthi.B		II position in Poster Presentation
16	Swathikaa.B		II position in Surveying
17	Swathikaa.B		II position in Poster Presentation
18	Mogitha N.		II Place in Surveying
19	Lillia Sushma K.		Best Paper Presentation
20	Siva Sakthivel R.	2014 – 2015	I position for participating in the event floating concrete, Tamilnadu College Engineering
21	Sooraj K.V.		I position for participating in the event floating concrete, Tamilnadu College of Engineering
22	Mohanraj R.		I position in paper presentation Sri Ramakrishna Engineering College
23	Suba priya A.		II position for paper presentation , K.S.R. College of engineering
24	Suba priya A.		III position for participating in the event stewing ,Government College of Technology
25	Sooraj K.V.		1 st prize in Quiz competition (Kreativ' 15)
26	Sooraj K.V.		2 nd prize in the event video presentation (Kreativ' 15)
27	Anandh K.		2 nd prize in the event video presentation (Kreativ' 15)
28	Sambu raj R.		2 nd prize in the event Quiz competition (Kreativ' 15)
29	Aravind M.K.		Best outgoing student
30	Anesha Subba		Star Performer for scoring 8.91 cgpa in 7 th sem (7.6 cgpa 1 st sem to 7 th sem)
31	Kanaganithya J.		Star Performer for scoring 7.9 cgpa in 6 th sem (8.1 cgpa 1 st sem to 7 th sem)

32	Chenthurpriya		Star Performer for scoring 8.15 cgpa in 5 th sem (7.8 cgpa 1 st sem to 5 th sem)
33	Karuppiyah T.		Star Performer for scoring 7.7 cgpa in 4 th sem (7.67 cgpa 1 st sem to 5 th sem)
34	Durga S.		Star Performer for scoring 8.83 cgpa in 3 rd sem (8.8 cgpa 1 st sem to 3 rd sem)
35	Durga S.		Star Performer for scoring 8.24 cgpa in 2 nd sem (8.8 cgpa 1 st sem to 3 rd sem)
36	Sellamuthu B.		Star social performer
37	Tharani P.		Star Performer for scoring 9.12 cgpa in 3 rd sem (8.28 cgpa 1 st sem to 3 rd sem)
38	Suganya M.		Star Performer for scoring 7.2 cgpa in 2 nd sem (8.3 cgpa 1 st sem to 3 rd sem)
39	Puspha devi		Star Performer for scoring 8.05 cgpa in 1st sem
40	Sella muthu		1 st position in 20km walk
41	Surya kala		2 nd position in Heptathlon
42	Deva		Silambam 3 gold, 1 silver, 1 bronze
43	Gobinath N.P.		3 rd position in Hockey match
44	Karthikeyan R.		3 rd position in Hockey match
45	Hariharan B.		3 rd position Hockey match
46	Madhivanan J.		3 rd position Hockey match
47	P. Shanmuga priya		3 rd position Volley ball match
48	Mythili S.A.		3 rd position Volley ball match
49	Suriyakala G.		3 rd position Volley ball match
50	P.Mahakavi		University Rank Holder
51	Ithrish A.		II position in poster presentation
52	Ithrish A.		I position in paper presentation
53	Aravind M.K.		II position in model making
54	Aravind M.K.		II position in techno quiz
55	Saravana Kumar V.		II position in techno quiz
56	Saravana Kumar V.		I position in cad quest
57	Saravana Kumar V.		II position in model making
58	Saravana Kumar V.	2013 - 2014	II position in technical quiz
59	Manoj Guru R.		I position in paper presentation
60	Aravind M.K.		II position in model making
61	Saravana Kumar V.		II position in civi quiz
62	Anboli D.P.		II position in paper presentation
63	Muthazhagu K.		I position in cad quest
64	Sallamuthu B.		II position in cad quest
65	Arravindharajan S.		II position in model making
66	Gowtham G.		II position in model making
67	Karthick. S		2 nd place in Decathlon
68	Arravindharajan S.		II in Quiz competition
69	Kumaravel D.		II in quiz competition
70	Aravind M.K.		II in civi quiz, SNS college of Technology
71	Manoj Kumar P.	2012 - 2013	II in civi quiz, SNS college of Technology
72	Ramya R.		III in model making, Government College of
73	Janani R.		III in model making, Government College of
74	Ramya R.		III prize in Builders Deck, Government

75	Janani R.		III prize in Builders Deck, Government
76	Manoj kumar P.		II position in model making
77	Saravana Kumar V.		II position in model making
78	Sooraj K.V.		II in essay writing competition
79	Sooraj K.V.		II prize in Quiz competition
80	Gowtham G.		II prize in technical Quiz
81	Saravana kumar V.		II prize in the event Civi quiz, Government
82	Aravind M.K.		II prize in Civi quiz, Government College of
83	Karthikeyan. R		3 rd position in 4*100 relay, 4*400 relay

24. List of eminent academicians and scientists, visitors to the department

Academic Year	Name of the Academicians. Scientists	Institution / Industry	Date	Purpose of Visit
2012 – 2103	Er. A. Sudhahar Managing Director	Dimensions Structural Consultancy, Coimbatore	26.06.2012	Workshop
	Mr. Rajarajan Faculty of Ramakrishna Mission Vidhyala	Ramakrishna Mission Vidhyala, Coimbatore	27.07.2012 – 28.07.2012	Workshop
	Er. Shri. M. Renganathan, Chairman of the Association of Consulting Civil Engineers	ACCE (I), Coimbatore chapter	09.03.2012	Special Lecture
	Er. Shri. R. Radhakrishnana, Secretary General,	Indian Concrete Institute	09.03.2012	Special Lecture
	Er. Shri. K. Jayasankar, Chairman of ICI- Tamil Nadu Center	ICI- Tamil Nadu Center	09.03.2012	Special Lecture
	Er. A. P. Murugan, Regional Head (South),	Ultratech Cements Ltd Coimbatore	14.08.2012	Special Lecture
	G. Arumugaperumal, Manager – Technical	RMC Ready mix (India), Coimbatore	28.02.2013	Special Lecture
	Mr. Abikalyan CADD Centre	CADD Centre	04.03.2013 – 05.03.2013	Workshop
	Mr. Ganavelmurugan, Assistant Manager,	Ultratech Cements Ltd, Coimbatore	14.08.2012	Guest Lecture
2013 – 2014	Er. S. Kalirajan Additional Chief Engineer Public Awareness Committee.	Nuclear Power Project, Kudankulam	14.03.2014	Special Lecture
	Shri B Vijayakumar Member Public Awareness Committee	Bhabha Atomic Research Centre, Nuclear Power Project, Chennai	14.03.2014	Guest Lecture
	Shri B. Ramanathan, Scientific Officer Member Public Awareness Committee	Nuclear Power Corporation of India Ltd, Chennai.	14.03.2014	Guest Lecture

2014 – 2015	Er.G.Ganesan, President, COCENA	Er.G.Ganesan, President, COCENA	12.09.2014	Guest Lecture
	Er. A. Sudhahar,MD	Er. A. Sudhahar Dimensions Structural Consultancy,Coimbatore	23.06.2014 - 27.06.2014	work shop
	Mr.S.Ganavelmurugan, Assistant Manager.	Ultratech Cements Ltd, Coimbatore	12.10.2014	public awareness programme
	Er.M.Elanthendral, CSS Incharge	ACC Cements Ltd, Coimbatore	05.08.2014	Special Lecture
	Er. Mahendran, Masquare Deisners,	Masquare Deisners, Coimbatore	12.08.2014	Special Lecture
	Mrs.Swapna Devendran, Regional Manager South,	Ambuja Cement Pvt. Limited	11.03.2015	Special Lecture
	Mr.AkilyanARIS CAD Technology	ARIS CAD Technology	22.02.2015	Workshop
2015 – 2016	Er. A. Sudhahar	Dimensions Structural Consultancy, Coimbatore.	25.06.2015	Workshop
	Er. A. Sudhahar	Dimensions Structural Consultancy, Coimbatore.	26.06.2015	Workshop
	Er. A. Sudhahar	Dimensions Structural Consultancy, Coimbatore.	30.06.2015	Workshop
	Mr. Santhosh V	BASF Chemical Coimbatore	18.08.2015	Special Lecture
	Prof Selvaraj Professor	Govt Arts & Science Coimbatore	05.07.2015	Guest Lecture
	Thiru. D. Veerapathiran President Elec	Cebaca-Coimbatore	04.09.2015	Special Lecture
	Er. B. Suresh Deputy General Manager (Technical Service)	Chettinad Cement Corp Ltd	15.09.2015	Guest Lecture
	Mr. N. Mohan Raj Assistant Professor	Karpagam College of Engg.,Coimbatore	04.09.2015	Guest Lecture
	Mr. Naveen Mr. Deena	Dimensions Structural Consultancy	01.12.2012	Training Programme
	Mr.Rajesh Blund	IGBC and Students Activity	04.02.2016	Guest Lecture
Mr.Hiran Prasanth	Awarness about green building	04.02.2016	Guest Lecture	

25. Seminars. Conferences.Workshops organized & the source of funding

a) National b) International

Year	Seminars / Conferences/ Workshops	N / I	Title	Date	Funding Agencies
2012 – 2013	Workshop	N	Fundamental of House.Domestic Wiring	26.06.2012	UIT
	Workshop	N	Fundamentals of plumbing,	27.06.2012	UIT

			Demonstration on Plumbing & Practical Training	- 28.06.2012	
	Special Lecture	N	Student Chapter of The Indian Concrete Institute	09.03.2012	UIT
	Special Lecture	N	Student Chapter of The Indian Concrete Institute	09.03.2012	UIT
	Special Lecture	N	Student Chapter of The Indian Concrete Institute	09.03.2012	UIT
	Special Lecture	N	Durability of concrete	14.08.2012	UIT
	Special Lecture	N	Special concrete	28.02.2013	UIT
	Workshop	N	Latest development in the Civil Software - ANSYS Civil, Revit, Primavera & 3D max softwares	04.03.2013 - 05.03.2013	UIT
	Guest Lecture	N	launched the SMS on “Tips on Concrete”	14.08.2012	UIT
2013 - 2014	Special Lecture	N	Public Awareness	14.03.2014	Nuclear Power Corporation of India, Kudankulam
	Workshop	N	Intrafest	27.02.2014	UIT
2014 - 2015	Guest Lecture	N	Recent Trends in Construction	12.09.2014	UIT
	work shop	N	“Reinforcement Detailing”	23.06.2014 - 27.06.2014	UIT
	Special Lecture	N	“Construction Practices”	05.08.2014	UIT
	Special Lecture	N	Awareness on Codal Provisions	12.08.2014	UIT
	Special Lecture	N	Special Cement & its Properties	11.03.2015	UIT
	Workshop	N	“Seismic Anaysis & Design optimization of High rise Building using ANSYS – Software”	22.02.2015	UIT
2015 - 2016	Workshop	N	Quality Control of Concrete Seminar	25.06.2015	UIT
	Workshop	N	Quality Control of Concrete - Practical	26.06.2015	UIT
	Workshop	N	Cost Control of Concrete for Nominal Mix -Practical	30.06.2015	UIT
	Special Lecture	N	Construction Chemicals	18.06.2015	UIT
	Guest Lecture	N	Personality Development	05.06.2015	UIT
	National Level Technical Symposium	N	ZAARVIK ‘15	04.09.2015	Ultra Tech Cements Pvt Ltd
	Guest Lecture	N	Engineers’ Day	15.09.2015	UIT
	Training Programme	N	Total Station	01.12.2015	UIT
	Guest Lecture	N	IGBC and Students Activity	04.02.2016	UIT

	Guest Lecture	N	Awareness about green building	04.02.2016	UIT
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N – National I – International S – Self

26. Student profile programme.course wise:

UG: B.E – Civil Engineering

Name of the Course / programme	Batch	Application Received	Selected	Enrolled		Pass percentage (within the minimum period)
				M	F	
B.E.Civil Engineering	2010-2014	65% of students are admitted through single window system by Anna University Chennai and another 35% are admitted through Single Window system organized by Consortium of Engineering Colleges	30	29	1	46.42%
	2011-2015		71	54	7	60.86%
	2012-2016		73	57	15	21.53% Upto 7 th sem
	2013-2017		75	54	21	41.89% Upto 5 th sem
	2014-2018		55	44	11	24.53% Upto 3 rd sem

M = Male F = Female

PG: M.E – Structural Engineering

Name of the Course / programme	Batch	Application Received	Selected	Enrolled		Pass percentage (within the minimum period)
				M	F	
M.E.Structural Engineering	2012 - 2014	65% of students are admitted through single window system by Anna University Chennai and another 35% are admitted through Single Window system organized by Consortium of Engineering 18Colleges	17	14	3	76.47%
	2013 - 2015		18	11	7	83.33%
	2014 - 2016		14	9	5	36.00%
	2015 - 2017		6	4	2	25.00% In Progress

M = Male F = Female

27. Diversity of Students

UG: B.E – Civil Engineering

Name of the Course.programme	Batch	% of students from the same state	% of students from other States	% of students from abroad
B.E – Civil Engineering	2010-14	100	NIL	NIL
	2011-15	88.40	11.60	NIL
	2012-16	86.15	13.85	NIL
	2013-17	96.05	03.95	NIL
	2014-18	94.44	05.55	NIL

PG: M.E – Structural Engineering

Name of the Course.programme	Batch	% of students from the same state	% of students from other States	% of students from abroad
M.E.Structural Engineering	2012-2014	94.12	05.88	Nil
	2013-2015	88.88	11.12	Nil
	2014-2016	100.00	Nil	Nil
	2015-2017	85.71	14.29	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Nil

29. Student Progression

UG: B.E – Civil Engineering & PG: M.E – Structural Engineering

Student progression		2012-13	2013-14	2014-15	2015-16	Total
UG to PG		-	-	-	3	3
PG to Ph.D.		-	-	-	1	1
Campus selection Employed	On campus	-	-	1	1	2
	Off campus	-	-	-	1	1

30. Details of Infrastructural Facilities

a) Central Library

S.No.	Description	Quantity in Numbers	
1	Books for students circulation	Titles	442
		Volume	4752
2	Technical Journals	National	08
		International	06
		E –Journals	
3	News Papers	8	
4	Educational CDs (CBTs)	301	

b) Department Library

S.No.	Description	Quantity in Numbers	
1	Department Library for Reference	Titles	132
		Volume	200
2	Project Books (UG)	Titles	66
3	Project Books (PG)	Titles	98

c) Internet facilities for Staff & Students

S.No.	Description	Quantity in Numbers
1	Computer	74
2	Computer with internet facilities	74
3	Band width	14 mbps
4	Network facilities for all computers	Yes
5	Printers	3

d) Class rooms with ICT facility

S.No.	Description	Number of rooms
1	Class room with board	5
2	Class room with projector	2
3	Class room with ICT facilities	2

e) Laboratories

Name of Laboratory: **Computer Aided Design Drawing Lab** Area: 66.16 (Sq m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	Models of Structures	1	0
2	Computers Pentium IV	36	6,84,000.00
3	Analysis and Design Software - Minimum 5 user License	1	0
4	Auto CAD Software - Multi user License	1	0
Total			6,84,000

Name of Laboratory: **Computer Aided Building & Drafting Lab** Area: 66.16 (Sq m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	Computers Pentium IV	36	6,84,000
2	Printers	1	6150
3	Models of Structures	1	0
4	Auto CAD Software - Multi user License	1	0
Total			6,90,150

Name of Laboratory: **Surveying Lab** Area: 66.67 (Sq m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	Total Station	1	3,74,000
2	Theodolites	6	99,792

3	Dumpy level	6	45,000
4	Plain table with stand	6	26,000
5	Pocket stereoscope	1	672
6	Ranging rods	30	25,000
7	Levelling Staff	10	13,000
8	Cross Staff	7	5,000
9	Chains	10	15,000
10	Tapes	10	5,000
11	Arrows	45	1,512
12	Compass (surveyer + Prismatic)	7	16,000
13	Pegs	15	638
14	GPS	3	48,000
Total			6,74,614

Name of Laboratory: **Strength of Material Lab**

Area:83.60 (Sq m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	UTM of minimum 400 KN capacity	1	3,37,000
2	Torsion testing machine for steel rods	1	96,000
3	Izod impact testing machine	1	56,000
4	Beam deflection test apparatus	1	9,000
5	Extensometer	1	-
Total			4,99,000

Name of Laboratory: **Material Testing Lab**

Area :83.60 (Sq m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	Hardness testing machine	Rockwell and Brinell (2)	67,000
2	Rockwell		
3	Vicker's(any 2) Brinell		
4	Compressometer	1	15,000
5	Dial gauges	2	2,000
6	Le Chatelier's apparatus	3	13,000
7	Vicat's apparatus	2	4,990
8	Mortar cube moulds	9	4,896
9	Spring Test Apparatus	1	62,000
10	Muffle Furnance	1	12,000
11	Metallurgical microscopes	3	42,000
Total			2,22,886

Name of Laboratory: **Fluid Mechanics Lab**

Area :66.67 (Sq m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	Bernoulli's Theorem – Verification Apparatus	1	45,000
2	Calculation of Metacentric height - water tank Ship model with accessories	1	35,000
3	Measurement of velocity - Pitot tube assembly	1	33,000
4	Flow measurement in Pipe:		
	i) Venturimeter, U tube manometer fixtures like Valves,	Each 1	62,764

	collecting tank	Unit	
	ii) Orifice meter, with all necessary fittings in pipe lines of different diameters		
	iii) calibration of flow through orifice tank with Provisions for fixing orifices of different shapes, collecting tank	Each 1 Unit	56,000
	iv) Calibration of flow through mouth piece Tank with provisions for fixing mouth pieces Viz external mouth pieces & internal mouth piece		
5	Losses in Pipes	Each 1 Unit	53,040
	Major loss – Friction loss Pipe lengths (min. 3m) of different diameters with Valves and pressure rapping & collecting tank		
	Minor Losses		
	Pipe line assembly with provisions for having Sudden contractions in diameter, expansions		
	Bends, elbow fitting, etc		
6	Impact of jet on vanes	1	60,000
Total			3,44,804

Name of Laboratory: **Hydraulics Engineering Lab**

Area : 66.67 (Sq m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	Flow measurement open channel flow-	1 each	1,75,000
2	(i) Channel with provision for fixing notches (rectangular, triangular & trapezoidal forms) (ii) Flume assembly with provisions for conducting-experiments on Hydraulic jumps, generation of surges etc.		
3	Pumps	Each 1 unit	48,620
	i) Centrifugal pump assembly with (single stage)		9,35,000
	ii) Centrifugal pump assembly(multi stage) with accessories		55,692
	iv) Deep well pump assembly with accessories		57,460
	v)Gear pump		48,620
4	Turbine	Each 1 unit	1,26,412
	i)Impulse turbine assembly with fittings & accessories		1,24,644
	ii) Francis turbine assembly with fittings & accessories		1,36,136
Total			8,66,034

Name of Laboratory: **Concrete Engineering Lab**

Area:100.08 (Sq m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	Concrete cube moulds	36	48,901
2	Concrete cylinder moulds	6	15,450
3	Concrete prism moulds	12	48,240
4	Concrete Mixer	1	34,814
5	Slump cone	3	6,201
6	Flow table	1	1,01,541
7	Vibrator	1	32,638

8	Trowels and planers	1	433
9	UTM – 400 KN capacity	1	3,16,593
10	Vee Bee Consistometer	1	40,528
11	Compaction factor apparatus	1	14,506
12	Flexural testing machine	1	1,10,962
13	Density basket Apparatus	1	2,631
14	Acceloreted curing tank	1	1,16,015
15	Vibrating table apparatus	1	30,462
16	Mortar Mixer	1	70,125
17	Hot air oven	1	52,593
18	Length gauge & Thickness gauge	1	2,756
19	Pycnometer	6	2,844
20	Needle vibrator	1	25,004
21	Spatula	5	2,967.5
22	Sieve shaker	1	45,375
23	Adapter	1	11,859
24	Capping set	1	13,208
25	Electronic balance	1	16,846
26	Density bottle	2	726
27	Flow table mortar	1	30,937
28	Microwave oven	1	4,969
29	Marshall cone	1	8,320
Total			12,08,445

Name of Laboratory: **Highway Engineering Lab**

Area :66.08 (Sq m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	Sieves	2	12,375
2	Aggregate impact testing machine	1	10,516
3	CBR Apparatus	1	1,28,000
4	Blains Apparatus	1	3,000
5	Los angles abration apparatus	1	96,515
6	Viscometer apparatus	1	19,015
7	Softening point apparatus	1	16,777
8	Penetrometer	1	33,859
9	Marshall stability apparatus	1	1,15,655
10	Ductility testing machine	1	60,757
11	Trolley/ wheel barrow	1	4,352
12	Aggregate crushing value apparatus	1	6,382
13	Length compactor	1	17,920
14	J - ring apparatus	1	16,580
15	Stove	1	393
Total			5,08,237

Name of Laboratory: **Soil Mechanics Lab**

Area :100.08(Sq m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	Shrinkage Limits Apparatus	3	9,492
2	Sand Pouring Cylinder(Small)	2	6,646
3	Triaxial Test Apparatus(Mot)	1	16,6845
4	Soil Extruder, Rack Type	1	11,867

5	Unconfined Compression Apparatus(Mot)	1	59,333
6	Weighing Balance(5kg Capacity, 0.1gm Readability)	1	23,733
7	Weighing Balance(300gm Capacity, 0.01gm Readability)	1	19,778
8	Hydraulic Extruder, Hand Operated	1	40,619
9	Hot Air Oven (450 X450x450mm)	1	20,173
10	Hydrometer	2	1,100
11	Hydrometer Glass Jar	2	3,980
12	Liquid Limits Apparatus	2	2,0240
13	Compaction Test Apparatus- Light Compaction	2	33,280
14	Direct Shear Apparatus	1	1,32,610
15	Core Cutter	2	9,480
16	Consolidation Apparatus(3 Gange)	1	1,51,040
17	Laboratory Permeability Apparatus	1	48,215
18	Laboratory Vane Shear Apparatus(Mot)	1	25,085
19	Mechanical Mixer(Hydrometer)	1	16,000
20	Standard Penetration Test	1	74,115
21	Sieves	2	20,534
Total			8,93,714

Name of Laboratory: **Environmental Engineering Lab**

Area:85.6 (Sq m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	Digital pH meter " ELICO" make model LI 120 with combined Electrode	1	8,500
2	Digital Turbidity meter	1	15,500
3	TDS – Analyzer	1	26,000
4	BOD Incubator “Scientek” make working chamber	1	48,000
5	Muffle Furnance “Scientek” make working chamber	1	26,000
6	Hot Air Oven “Scientek” make (measurement type) Inside Chamber (S.Steel)	1	23,000
7	Water Bath	1	8,500
8	C.O.D Mantle “ SIGMA” make 6 test 6 Regulator 250 mL Capacity	1	8,000
9	Round Bottom Flask (250 M)	2	350
10	Condenser (300mm)	2	697
11	Rubber Tube (1x1 m)	1	36
12	Condenser Clamp	2	360
13	Kjeldhal Apparatus	1	565
14	Heating Mantle	1	1,150
15	Stand	1	300
16	Heating Mantle with Energy Regulator	5	5,750
17	Filtration Assembly with Vaccum Pump	1	18,000
18	Autoclave (24 L Capacity)	1	9,800
19	Digital Colony Meter	1	9,000
20	Digital Visible Spectrophotometer	1	54,000
21	Digital Flame Photometer	1	38,000
22	Jar Test Apparatus	1	20,400
23	Dessicator	1	1,900
24	De-Mineraliser	1	21,000
25	Refridgerator	1	21,000

26	Electronic Analytical Balance, Accuracy : 0.0001GM(0.1MG)	1	57,000
27	Electronic Top Loading Balance Accuracy: 0.1 GM (10 mg)	1	10,500
	Beaker – 250 mL	40	2,400
	Beaker – 1000 mL	10	2,010
	Beaker – 500 mL	10	980
28	Beaker – 250 mL	10	610
	Volumetric Flask	40	10,200
	Volumetric Flask (250 mL)	20	5,540
29	Volumetric Flask (500 ml)	20	7,400
	Burette (50 ml)	20	4,400
30	Burette Stand	11	3,650
	Pipette (20 mL)	20	1,500
	Pipette (1 mL)	10	900
	Pipette (2mL)	10	1,000
31	Pipette stand	2	220
32	Silica Crucible	40	6,600
33	Electric Bunsen Burner	10	24,000
34	Digital Conductivity meter	1	15,000
	BOD Bottle (125 mL)	15	5,580
35	BOD Bottle (300 mL)	15	6,855
36	Burette Stop Cock	10	5,760
37	Conical Flask (250mL)	20	2,020
38	Measuring Jar (250 mL)	10	1,200
39	Glass Stoppered Bottle (1 L)	10	1,500
	Glass Stoppered Bottle (500 mL)	10	800
	Glass Stoppered Bottle (250 mL)	10	600
40	Thermometer	2	160
41	Gloves	2 Pair	220
	Test tube	50	500
	Test tube stand	10	4,600
42	Test tube holder	5	50
43	Spatula	10	150
44	Glass Tube	10	100
45	Magnetic Stirrer with hot plate	1	7,000
46	Funnel (50 mm)	20	140
47	Measuring Cylinder (100 mL)	3	918
48	Wash Bottle (500 mL)	15	660
49	Digital Colorimeter	1	8,500
50	Dissolved Oxygen Analyser	1	14,406
51	Cone – Imhoff Blunt Tip	1	3,947
Total			5,85,384

Name of Laboratory: **Structural Engineering Lab**

Area:155.70 (Sq m)

SI No	Name of the Equipment	Quantity	Cost (Rs)
1	Load Cell (100kN, 50kN)	1 Each	1,30,000
2	L Box Test Apparatus	1	8,764
3	U Box	1	11,827
4	V funnel Test Apparatus	1	8,165

5	Loading Frame (100T)	1	3,80,000
6	Hydraulic Jack (50T, 20T, 10T)	1	49,000
7	Double Handle Pump	1	25,000
8	Single Handle Pump	1	15,000
9	High Pressure Hydraulic Hose	1	10,000
10	(i) 2 Bay Steel Frame (ii) Column Mould (iii) Beam Mould	1 4 4	1,40,000
11	Rebound Hammer	1	53,660
		Total	9,36,600

Name of Laboratory: **Research Lab**

Area: 155.70 (Sq m)

SI No	Name of the Equipment	Quantity	Cost (Rs)
1	Demountable Mechanical Strain gauge (100mm, 150)	Each 2	83,000
2	Compression Proving Ring (200kN, 500kN, 1000kN)	Each 1	1,00,000
3	Displacement Sensor(50mm)	4	1,76,000
4	Demountable Mechanical Strain Gauge	1	20,775
5	10 Channel Indicator	1	1,20,000
6	Dial Gauge	6	25,000
7	Magnetic Stand	6	9,300
8	Supply of Distributor with 4 Channels	1	4,000
		Total	5,38,075

31. Number of students receiving financial assistance from college, university, Government or other agencies

Received financial assistance		2012-2013	2013-2014	2014-2015	2015-2016	Total
Government	First Graduate	28	48	74	62	212
	SC.ST	8	15	21	19	63
	BC/MBC/BCM	5	8	33	32	78
UIT Educational Trust		21	36	60	37	154

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

Academic Year	special lectures/ workshops/ seminar	Title	Date	External experts
2012	IPT	Various Concepts of Planning and Structural Design	02.05.2012	Er. A. Sudhahar Dimensions Structural Consultancy, Coimbatore
			- 29.05.2012	
	IPT	Construction Work, Road Work & Bridge Work	01.05.2012	Siva Vignesh Construction, Kovilpatti
- 30.05.2012				
Industrial Visit	Building Construction	16.08.2012	Manjeera Construction Ameerpet, Hyderabad & KMC Construction Ltd	
		- 18.08.2012		

- 2013				Gachibowli & Sri SaiRam Projects Ltd Srinagar Colony, Hyderabad
	Industrial Visit	Manufacturing of Precast Materials	24.07.2012	TEEMAGE Precast Industry, Tirupur
	Industrial Visit	Pile Foundation	11.07.2012	Athipalaym Factory Site Coimbatore
	One Day Visit	NCRA – TIFR NASA Space Festival & Science Exhibition	13.07.2012	Dr.Mayilswamy Annadurai Bharathiyar University, Coimbatore
	Industrial Visit	Cement Manufacturing	10.08.2012	Mrs. Sapna Devendra & Mr. Suchindra Reddy ACC Cements Pvt Ltd Bangalore
2013 - 2014	Workshop	Intrafest	27.02.2014	Department of Civil Engineering, UIT
	IPT	Structural Design	09.08.2013 - 5.09. 2013	L& T, Chennai
	IPT	Structural Design	09.08.2013 - 09.09 2013	GAMMON INDIA Ltd
	IPT	Structural Design	09.08.2013 - 09.09 2013	Ramasamy Associate Coimbatore
	IPT	Structural Design	10.08.2013 - 06.09 2013	S.G. Structural Consultancy, Coimbatore
	IPT	Structural Design	09.08.2013 - 05.09 2013	Bloom Construction Coimbatore
	IPT	Structural Design	10.08.2013 - 07.09 2013	Gandhi Constuction Coimbatore
	IPT	Structural Design	09.08.2013 - 09.09 2013	New Millenium Construction, Kanyakumari
	IPT	Structural Design	09.08.2013 - 09.09 2013	Rajarathinam Associates Coimbatore
	IPT	Structural Design	12.08.2013 - 07.09 2013	Diseno Structural, Calicut
	Industrial Visit	Design of Steel Structures	08.02.2013	BUILDMAT 2013 Coimbatore
	public awareness programme	“How to Build a Quality House”	12.10.2014	Mr.Ganavelmurugan, Assistant Manager, Ultratech Cements Ltd, Coimbatore

	Quiz Competition	Talent search Quiz Competition 2014	12.09.2014	Association with COCENA, Coimbatore
2014 - 2015	Educational Internship	Structural Design	07.07.2014 - 04.08.2014	Falcon Structures Engineers Pvt Ltd, Chennai
	Educational Internship	Structural Design	07.07.2014 - 04.08.2014	AGULA Projects Pvt Ltd, Coimbatore
	IPT	Structural Design	07.07.2014 - 04.08.2014	Aarbin Engineers, Cochin
	IPT	Structural Design	07.07.2014 - 04.08.2014	Saraswathy Construction, Coimbatore
	IPT	Structural Design	07.07.2014 - 04.08.2014	SRR Projects Pvt Ltd Salem
	IPT	Structural Design	07.07.2014 - 04.08.2014	K.S. Construction Hosur
	IPT	Analysis and Design of RCC structures	07.07.2014 - 05.08.2014	CREOTECH Engineers Malapuram
	IPT	Structural Design	07.07.2014 - 04.08.2014	LANCOR Pvt Ltd Chennai
	IPT	Structural Design	07.07.2014 - 04.08.2014	P. S. K Engineering Constructions & Co Namakkal
	IPT	Structural Design	02.07.2014 - 02.08.2014	K. K Builders Kavundampalayam Coimbatore
	Industrial Visit	Pollution Control	10.08.2014 - 19.08.2014	Laboratory of Pollution Control Board Shimla Himachal Pradesh
	Industrial Visit	Complex Construction	11.09.2014	Vishwanathan Construction & Pvt Ltd R. S. Puram, Coimbatore
	One Day Visit	Natural Biosphere	17.09.2014	Nilgiri Biosphere Nature Park, Anakatti
	One Day Visit	Solid Waste Management	17.09.2014	Kurundampalayam Village
	One Day Visit	Bar Bending Schedule for Slab	08.08.2014	Vishwanathan Construction & Pvt Ltd R. S. Puram, Coimbatore
	Industrial Visit	Hydrology and Irrigation Engineering	12.03.2015	Amaravathi Dam Udumalpet
	Industrial Visit	Hydrology and Irrigation Engineering	27.02.2015	Amaravathi Dam Udumalpet
	Industrial Visit	Sewage and Water	12.02.2015	Executive Engineer

		Treatment		JNNURM Ukkadam & Siruvani Treatment Plant Coimbatore Coimbatore City Municipal Cooperation Coimbatore
	Industrial Visit	Hydrology and Irrigation Engineering	10.09.2014	Bhavanisagar Dam Coimbatore
	Industrial Visit	Building Construction	14.08.2014	Prestige Group of Construction, Mysore
	Industrial Visit	Building Construction	13.08.2014	VIJAYET Construction Bangalore
2015 – 2016	Industrial Visit	Building Construction	30.07.2015 - 02.08.2015	E.V. Homes Constructions (P) Ltd, Kaloor, Kochi.
	Industrial Visit	Dam Construction	15.07.2015	Pillur Dam, TamilNadu Water Supply and Drainage Board Coimbatore
	Industrial Visit	Water Treatment Plant	20.07. 2015	Velliyangadu Water Treatment Plant Coimbatore
	Industrial Visit	Bridge Construction	17.07.2015	National Highway Department, Coimbatore
	IPT	Sturctural Design	05.08.2015 - 02.09.2015	Provident Housing Ltd, Bangalore
	IPT	Sturctural Design	05.08.2015 - 02.09.2015	Provident Housing Ltd, Bangalore
	IPT	Sturctural Design	28.07.2015 - 24.08.2015	Shiva Parameshwari engineering construction & Co., Coimbatore
	IPT	Sturctural Design	28.07.2015 - 24.08.2015	Shiva Parameshwari engineering construction & Co., Coimbatore
	IPT	Sturctural Design	27.07.2015 - 28.08.2015	Sree Dhaksha Properties and Pvt., Ltd., Coimbatore
	IPT	Sturctural Design	06.08.2015 - 07.09.2015	Swaan Consultant and Constructions, Coimbatore
	IPT	Sturctural Design	21.06.2015 - 22.07.2015	Balu Bulders., Coimbatore
	Industrial Visit	Hydrology and Irrigation Engineering	19.03.2016	Pillur Dam
	Industrial Visit	Dam construction	15.02.2016	Aaliyar Dam

	Industrial Visit	Building construction	10.07.2016	R.K infra ,Banglore
	One Day Visit	Total Station	27.09.2015	CONMAT Student Chapter,Coimbatore
	One Day Visit	Rainwater Harvesting EXPO	27.06.2015	VOC ground

33. Teaching methods adopted to improve student learning

- Lecture with practical Examples using ICT tools along with chalk and talk
- Class orientation sessions for each subjects at the start of every semester which elaborates the practical significance and field oriented employment opportunities
- Practical demonstration in the laboratory
- Assignments, models making and poster preparation
- NPTEL videos
- Local Industrial visits and Industrial tour
- Class tests and internal assessment tests
- Peer group discussions
- Tutorial sessions
- Guest lecture
- Hands on training from industrial persons
- Software training from industry
- Question Bank
- Coaching for slow learners
- Participation and attending quiz programmes by various colleges

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- Rotract club
- Participation in NSS program
- Blood donation camps- Youth red cross
- Plant sapling
- Anti –ragging committee
- Social awareness expo on “How to Build a Quality House” in partnership with Ultratech cement Pvt. Ltd

S.No	Date	Event	Academic Year	No. of participation
1	05.06.2014	World Environmental Day Rally	2014-2015	25
2	09.07.2014	Rainwater harvesting – Awareness rally	2014-2015	62
3	12.10.2014	How to build a quality house – A public awareness student partner programme with Ultratech Cement Ltd	2014-2015	750
4	28.02.2016	How to build a quality house – A	2015-2016	860

		public awareness student partner programme with Ultratech Cement Ltd		
5	30.06.2015	Helmet Awareness Rally	2015-2016	10
6	04.09.2015	Tree plantation	2015-2016	190

35. SWOC analysis of the department and future plans

Strength:

- Committed and dedicated faculty members
- Excellent Laboratory facility to take up research and consultancy works in structural and Environmental engineering
- Organizational membership with ACCE (I) , Coimbatore Chapter
- Good number of Consultancy works
- MOU with “KASIPALAYAM COMMON EFFULENT TREATMENT PLANT, TIRUPUR”.
- Student chapter ICI is available to update their knowledge in the current field of concrete.
- Student Project funding from the UIT Management
- Good industrial department interaction with the other reputed industries like Ultra Tech Pvt Ltd, ACC cements Ltd, BASF India
- Hands on training for the students to develop modern construction activity by industrial experts
- Value Added Courses such as Auto CAD, Arch CADD, Staad Pro, Primavera to develop software skills to make the students readily employable in the industry.
- Students are encouraged to participate in workshop, conference, seminars conducted by other colleges and universities

Weakness:

- Less number of PhD faculty
- Lack of Publication from faculty
- Lac of Funded Research Projects

Opportunities:

- Students can involve in real-time projects and consultancy
- Industry ready student and effective placement training
- Students are having Opportunity to startup their own consultancy

- High demand in the industry for the students with software knowledge in Staad Pro, Primavera.
- Opportunities in the state and central government employment
- Since the institution is having membership with ACCE (I) , Coimbatore Chapter, students can attend placement drives conducted by the other associations CEBACA, COCENA etc in and around Coimbatore
- In-plant training in reputable consultancy firms

Challenges:

- To improve soft skills of the students
- to get for funded research projects
- To motivate the faculty students to publish in national. international conferences and journals
- To encourage faculty to register for Ph.D

Future plans:

- To establish research center
- To get research funding from DST, MODROBS
- To submit student project proposals to TNSTP
- To conduct national conference
- To increase the number of MOUs With industry
- To encourage students towards competitive exams and GATE
- Special training to encourage students entrepreneurship.

Evaluative Report of the Departments

1. **Name of the department** : Computer Science and Engineering
2. **Year of Establishment** : 2009
3. **Names of Programmes. Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**

S.No.	Engineering .Technology			Year of Started
1	UG	B.E	Computer Science and Engineering	2009
2	PG	M.E	Computer Science and Engineering	2011

4. Names of Interdisciplinary courses and the departments.units involved

UG: B.E – Computer Science and Engineering

Anna University, Chennai - Regulation 2013

S. No	Subjects	Semester	Department Involved
1	MA6351.Transform and Partial Differential Equations	III	Science and Humanities
2	CS6304.Analog and Digital Communication	III	Electronics and Communication Engineering
3	MA6453.Probability and Queueing Theory	IV	Science and Humanities
4	EC6504.Microprocessor and Microcontroller	IV	Electronics and Communication Engineering
5	CS6412.Microprocessor and Microcontroller Laboratory	IV	Electronics and Communication Engineering
6	MA6566.Discrete Mathematics	V	Science and Humanities
7	IT6502.Digital Signal Processing	VI	Electronics and Communication Engineering
8	GE6674.Communication and Soft Skills - Laboratory	VI	Science and Humanities

Anna University, Chennai - Regulation 2008

S. No	Subjects	Semester	Department Involved
1	MG2452.Engineering Economics & Financial Accounting	VII	Mechanical Engineering
2	CS2403.Digital Signal Processing	VII	Electronics and Communication Engineering

PG: M.E – Computer Science and Engineering

Anna University, Chennai - Regulation 2013

S.No.	Subjects	Semester	Department Involved
1	MA7155.Applied Probability and Statistics	I	Science and Humanities

5. Annual. semester.choice based credit system (programme wise)

S.No.	Engineering .Technology			Annual.Semester Credit System
1	UG	B.E	Computer Science and Engineering	Semester based Credit System
2	PG	M.E	Computer Science and Engineering	Semester based Credit System

6. Participation of the department in the courses offered by other departments

UG: B.E – Computer Science and Engineering

Anna University, Chennai - Regulation 2013

S. No.	Subjects	Semester. Courses	Department
	GE6151 Computer Programming	I.ECE	Science and Humanities
	GE6151 Computer Programming	I.EEE	Science and Humanities
	GE6151 Computer Programming	I.Mech	Science and Humanities
	GE6151 Computer Programming	I.Civil	Science and Humanities
	GE6161 Computer Practices Laboratory	I.ECE	Science and Humanities
	GE6161 Computer Practices Laboratory	I.EEE	Science and Humanities
	GE6161 Computer Practices Laboratory	I.Mech	Science and Humanities
	GE6161 Computer Practices Laboratory	I.Civil	Science and Humanities
9	GE6263 Computer Programming Laboratory	II.EEE	Electrical and Electronics Engineering
10	EC6301 Object Oriented Programming and Data Structures	III.ECE	Electronics and Communication Engineering
11	EC6312 OOPS and Data Structures Laboratory	III.ECE	Electronics and Communication Engineering
12	CS6456 Object Oriented Programming	IV.EEE	Electrical and Electronics Engineering
13	CS6461 Object Oriented Programming Laboratory	IV.EEE	Electrical and Electronics Engineering

Anna University, Chennai - Regulation 2008

S.No.	Subjects	Semester.Courses	Department
1	CS2411 Operating Systems	VII.EEE	Electrical and Electronics Engineering

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

Value Added Programme			
S. No	Industry/Institute/University	Course(s)	Duration
1.	Face academy	Aptitude and Soft skills training	2012 – 13 & 2013-14
2.	Sparkles	Aptitude and Soft skills training	2012 – 13 & 2013-14
3.	Six Phrase	Aptitude and Placement Training	2014 – 15
4.	ABS	Aptitude and Placement Training	2015 – 16
5.	United Info Tech	Core Java	2012 – 13, 2013 –14 &2014 – 15
6.	Oracle	Core Java(OCA)	2015 – 16
7.	IXEL	Advanced Java	2015 – 16

8. Details of courses,programmes discontinued (if any) with reasons: Nil

9. Number of teaching posts

Designation	Sanctioned	Filled
Professors	3	2
Associate Professors	5	2
Asst. Professors	18	23

10. Faculty profile with name, qualification, designation, specialization, (D.Sc.,D.Litt.,Ph.D. . M. Phil. etc.,)

S.No.	Name	Qualification	Designation	Specialization	No. of Years of Experience			No. of Ph.D. Students Guided for the last 4
					Industry	Teaching	Total	
1	Dr. R. Pradeep Kumar	B.E M.E Ph.D	Professor	Department of studies in Computer Science & Engineering	2.10	11.0	13.10	2
2	Dr.Sudhakar Gummadi	B.E M.Tech Ph.D	Professor	Information and Communication Engineering	20	10.4	30.4	
3	S.Mythili	B.E M.Tech (P.hD)	Associate Professor	Computer Vision & Image Processing	--	7.9	7.9	-
4	L.Babitha	B.E M.E	Associate Professor	Computer Science and Engineering	--	10.2	10.2	-

5	K.Sashi Rekha	B.E M.E (Ph.D)	Assistant Professor	Computer Science and Engineering	--	9.4	9.4	-
6	D.Sathyavani	B.Tech M.Tech (Ph.D)	Assistant Professor	Information Technology	--	7.7	7.7	-
7	R Arun Kumar	B.Tech M.E	Assistant Professor	Computer Science and Engineering	--	7.3	7.3	-
8	A.Kousalya	B.E M.E (Ph.D)	Assistant Professor	Computer Science and Engineering	--	5.5	5.5	-
9	S.Kowsalya	B.E M.E (Ph.D)	Assistant Professor	Computer Science and Engineering	--	5.0	5.0	-
10	D.Saranya	B.TECH M.TECH (Ph.D)	Assistant Professor	Information Technology	--	5.0	5.0	-
11	C.Karthikeyan	B.E M.E	Assistant Professor	Computer Science and Engineering	--	8.3	8.3	-
12	K.P.Narmatha	B.TECH M.E	Assistant Professor	Computer Science and Engineering	--	4.11	4.11	-
13	K.Shanthi	B.Tech M.E	Assistant Professor	Computer Science and Engineering	--	4.0	4.0	-
14	V.Balaji shanmugam	B.E M.E	Assistant Professor	Computer Science and Engineering	--	4.0	4.0	-
15	S.Arthi	B.TECH M.E	Assistant Professor	Computer Science and Engineering	--	3.7	3.7	-
16	K.Rajkumar	B.E M.E	Assistant Professor	Computer Science and Engineering	--	2.4	2.4	-
17	K.Krishnaveni	B.E M.E	Assistant Professor	Computer Science and Engineering	--	2.2	2.2	-
18	D.Deepa	B.TECH M.TECH	Assistant Professor	Information Technology	--	1.11	1.11	-
19	S.Priyadharshini	B.TECH M.E	Assistant Professor	Computer Science and Engineering	--	1.11	1.11	-
20	R.Malar Priya	B.E M.E	Assistant Professor	Computer Science and Engineering	--	1.3	1.3	-
21	Ms.P.R.Rupashini	B.Tech M.E	Assistant Professor	Computer Science and Engineering	--	1	1	-
22	Mr.S.Sampeter	B.E M.E	Assistant Professor	Computer Science and Engineering	--	1.5	1.5	-

23	K.Dhivya	B.E M.E	Assistant Professor	Computer Science and Engineering	--	0.9	0.9	-
24	M.Deepa Sankari	B.E M.E	Assistant Professor	Computer Science and Engineering	--	0.9	0.9	-
25	P.Nalini	B.E M.E	Assistant Professor	Computer Science and Engineering	--	0.5	0.5	-
26	Ms.P.Shalinie	B.E M.E	Assistant Professor	Computer Science and Engineering	--	--	--	-
27	Mr.R.Vishnuvarthan	B.E M.E	Assistant Professor	Computer Science and Engineering	--	--	--	-

11. List of senior visiting faculty

Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) By temporary faculty

Nil

13. Student -Teacher Ratio (programme wise)

UG: B.E – Computer Science and Engineering

S.No.	Sanctioned Intake	Total Students Strength				Faculty Strength	Student - Teacher Ratio
		II Yr	III Yr	IV Yr	Total		
1	324	80	40	82	202	23	15:1

PG: M.E – Computer Science and Engineering

S.No.	Sanctioned Intake	Total Students Strength			Faculty Strength	Student - Teacher Ratio
		I Yr	II yr	Total		
1	42	Admission under process	1	1	4	12:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Description	Sanctioned	Filled
Teaching Support Staff	2	2
Administrative staff	1	1

15. Qualifications of teaching faculty with DSc. D.Litt. Ph.D., MPhil., PG.

Qualification	Number of Faculty
Ph.D	2
Ph.D Pursuing	6
PG	19

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

S. No.	Principal Investigator(s)	Title of the project	Name of Funding Agency	Amount Sanctioned	N /I	Date of sanction	Status
1.	Mrs.S.Mythili	Conversion of OCR image into tamil language using android mobile application	Tamil Virtual Academy – Anna University	29,000	N	-	Applied

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

Nil

18. Research Centre facility recognized by the University :

Nil

19. Publications: Journal

S.No	Name of the Faculty	Journal		Conference		Number of Publications listed in International Database	Citation Index	SNIP	SJR	Impact Factor	h-index
		N	I	N	I						
1	Dr.Pradeep Kumar	-	6	6	7	15	72	0.774	0.422	4.242	5
2	Dr.Sudhakar Gummadi	-	2	-	1	2	-	1.842	0.784	-	-
3	Ms.S.Mythili	-	3	2	-	1	-	-	-	-	-
4	Ms.K.Sashi Rekha	-	3	2	-	1	-	-	-	-	-
5	Ms.D.Sathyavani	-	4	6	-	1	-	0.166	0.130	-	-
6	Mr.R.Arun Kumar	-	1	1	1	-	-	-	-	-	-
7	Ms.S.Kowsalya	-	1	-	-	-	-	0.166	0.130	-	-
8	Mr.C.Karthekeyan	-	3	4	1	-	-	-	-	-	-
9	Ms.K.Shanthi	-	1	3	-	-	-	-	-	-	-
10	Mr.V.Balaji Shanmugam	-	1	1	-	-	-	-	-	-	-
11	Mr.B.Madusudhanan	-	3	-	3	5	13	0.629	0.586	-	2
12	Ms.S.Arthi	-	-	4	1	-	-	-	-	-	-

13	Ms.D.Saranya	-	2	1	-	-	-	-	-	-	-
14	Ms.D.Deepa	-	3	3	1	-	-	-	-	-	-
15	Ms.S.Priyadarshini	-	2	3	3	-	-	-	-	-	-
16	Mr.K.Balakrishnan	-	-	1	-	-	-	-	-	-	-
17	Ms.P.Savitha	-	-	-	1	-	-	-	-	-	-
18	Ms.P.Krishnaveni	-	-	1	1	-	-	-	-	-	-
19	Ms.R.Malar Priya	-	3	-	2	-	-	-	-	-	-
20	Ms.K.Dhivya	-	-	1	1	-	-	-	-	-	-
21	Ms. S.Sinduja	-	-	1	-	-	-	-	-	-	-
22	Ms.Deepa Sankary	-	-	1	1	-	-	-	-	-	-
23	Ms.P.Nalini	-	1	1	2	-	-	-	-	-	-
24	Ms.A.Sri Sakthi	-	1	2	3	-	-	-	-	-	-
25	Ms.K.Megala	-	-	1	-	-	-	-	-	-	-
26	Ms.R.Saveetha	-	-	4	1	-	-	-	-	-	-
27	Mr.R.Giridharan	-	3	-	1	2	-	-	-	-	-
28	Mr.M.Perichiappan	-	-	2	-	-	-	-	-	-	-
29	Ms. A. Kousalya	-	1	-	1	-	-	-	-	-	-

N- National I –International

20. Areas of consultancy and income generated

NIL

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards

S.No.	Name of the Faculty	Member in Professional Bodies	
		National	International
1	Dr.Pradeep Kumar	-	Lifetime Member in IAENG
2	Dr.Sudhakar Gummadi	Lifetime Member in ISTE Lifetime Member in IETE	-
3	Ms.S.Mythili	Lifetime Member in IETE Member of CSI	Lifetime Member in IAENG
4	Ms.K.SashiRekha	Member of CSI	-
5	Ms.D.Sathyavani	-	Lifetime Member in IAENG
6	Mr.R.Arun Kumar	Lifetime Member in ISTE	Lifetime Member in IAENG
7	Mr.C.Karthikeyan	-	Lifetime Member in IAENG
9	Mr.V.Balaji Shanmugam	-	Lifetime Member in IAENG
10	Ms.A.Sri Sakthi	-	Life Member in IAENG
11	Mr.B.Madusudhanan	-	Lifetime Member in IAENG
12	Ms.D.Deepa	-	Lifetime Member in IAENG
13	Ms.S.Priyadarshini	Member of CSI	Lifetime Member in IAENG
14	Ms.K.P.Narmatha	-	Lifetime Member in IAENG
15	Mr.K.Balakrishnan	-	Lifetime Member in IAENG
16	Mr.S.Sam Peter	Member in IRED Member SDIWC	Lifetime Member in ISRD

22. Student projects

- Percentage of students who have done in-house projects including inter departmental programme
- Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories, Industry, other agencies

Courses	2015- 16		2014 - 15		2013 - 14		2012 – 13	
	I	O	I	O	I	O	I	O
UG	94	06	86	14	100	-	100	-
PG(FT)	100	-	100	-	100	-	100	-
PG(PT)	-	-	100	-	100	-	100	-

I - Inter Departmenta

O - Research Laboratories / Industry / Other Agencies

23. Awards / Recognitions received by faculty and students

Faculty

S.No.	Name of Faculty	Academic Year	Award/Recognitions
1	Ms. S.Arthy	2015 - 2016	Academic Performance Award in UIT
2	Ms.K.Sashi Rekha		Academic Performance Award in UIT
3	Ms.A. Sri Sakthi		Academic Performance Award in UIT
4	Mr. M.Perichiyappan		Academic Performance Award in UIT
5	Ms.A. Sri Sakthi		Academic Performance Award in UIT
6	Ms. K.Shanthi		Academic Performance Award in UIT
7	Mrs. S.Kowsalya		Academic Performance Award in UIT
8	Ms. Deepa Shankari		Academic Performance Award in UIT
9	Mr. R.Pradeep Kumar		Academic Performance Award in UIT
10	Ms. D. Deepa		Academic Performance Award in UIT
11	Ms.R.Malarpriya		Academic Performance Award in UIT
12	K.Balakrishnan		Academic Performance Award in UIT
13	M.Nageswara Guptha	2014 - 2015	Academic Performance Award in UIT
14	K.Sashi Rekha		Academic Performance Award in UIT
15	S.Nandha Gopal		Academic Performance Award in UIT
16	R.Arun Kumar		Academic Performance Award in UIT
17	C.Karthikeyan		Academic Performance Award in UIT
18	D.Sathyavani		Academic Performance Award in UIT
19	A.Srisakthi		Academic Performance Award in UIT
20	S.Sumathi		Academic Performance Award in UIT
21	S.Priyadarshini		Academic Performance Award in UIT
22	D.Deepa		Academic Performance Award in UIT
23	K.Shanthi		Academic Performance Award in UIT
24	K.Balakrishnan		Academic Performance Award
25	S.Mythili	2014 - 2015	Academic Performance Award in UIT
26	R.Arun Kumar		Academic Performance Award in UIT
27	M.Nageswara Guptha		Academic Performance Award in UIT
28	S.Saranya Devi		Academic Performance Award in UIT
29	A.Srisakthi		Academic Performance Award in UIT
30	K.Shanthi		Academic Performance Award in UIT

31	V.Balaji Shanmugam	2013 - 2014	Academic Performance Award in UIT
32	B.Madusudhanan		Academic Performance Award in UIT
33	M.Srigeetha		Academic Performance Award in UIT
34	N.R.Gayathiri		Academic Performance Award in UIT
35	SashiRekha.K		Academic Performance Award in UIT
36	Karthikeyan.C		Academic Performance Award in UIT
37	Sumathi S		Academic Performance Award in UIT
38	R.Ganesh	2012 - 2013	Academic Performance Award in UIT
39	M. Nageswara Guptha		Academic Performance Award in UIT
40	K.Sashi Rekha		Academic Performance Award in UIT
41	C.Karthikeyan		Academic Performance Award in UIT
42	B.Madusudhanan		Academic Performance Award in UIT
43	A.Srisakthi		Academic Performance Award in UIT
44	S.Saranya Devi		Academic Performance Award in UIT
45	K.Shanthi		Academic Performance Award in UIT
46	S.Mythili		Academic Performance Award in UIT
47	S.Sumathi		Academic Performance Award in UIT
48	K.Megala		Academic Performance Award in UIT

Students

S.No.	Name of Student	Academic Year	Award/Recognitions
1	Trisha Nath	2015 - 2016	Best Outstanding Student Award in UIT
2	T.Loganathan		Social Performer Award in UIT
3	S. Deebak		Academic Star Performer Award in UIT
4	S.Valliammai		Academic Star Performer Award in UIT
5	P.Gayathri		Academic Star Performer Award in UIT
6	Indhumathi		Academic Star Performer Award in UIT
7	J. Sowndarya		Academic Star Performer Award in UIT
8	M. Kirubasri		100% attendance Award in UIT
9	Kavin R		100% attendance Award in UIT
10	Indhumathi . V		100% attendance Award in UIT
11	Hansa Prathika T		100% attendance Award in UIT
12	R. Balaji		II Prize in Symposium at Sri Krishna College of Technology

13	P. Vinith		I Prize in Symposium at Bannari Amman Institute of Technology
14	R.Rahul		Winners in Zonal level match – football , GCT
15	K.Rahul		Third place in Zonal Level – kabaddi, anna university – CBE.
16	k.Rahul		Won Trophy at park college of technology,
17	R. Bhuvanesh sai		Winner in Treasure Hunt , BIT.
18	Nandhini Priya		III Place in Trophy match – Volley ball ,KCT
19	S.KaviPriya		III Place in Tech Pirate – Sri Krishna College of Engineering,
20	A.Roshni		III Place in Tech Pirate – Sri Krishna College of Engineering
21	Dharanidharan.S		I Prize in Quiz
22	Mukesh R		Winners in Zonal Football – Anna University
23	Manigandan . M		Winners in Zonal Football – Anna University
24	Arun Kumar N		I Prize in Code Blocks
25	Dhilip Kumar T		I Prize in Code Blocks
26	Saranya R		Tec II prize in Techonexian at Akshaya College of Engineering & Technology
27	Ramesh kumar M		II prize in Techonexian at Akshaya College of Engineering & Technology
28	Sanjay krishanan J V		I Prize in Hot Wheels at Kalaignar Karunanidhi Institute of Technology
29	Ramsurya A		II Prize in Mobile Appathon- 2K16 At Park college of Technology
30	Thoufeek A J		II Prize in Mobile Appathon- 2K16 At Park college of Technology
31	Trishanath		II Prize in Mobile Appathon- 2K16 At Park college of Technology
32	Sathiya ruban S		Winners in Anna university Zonal Tournament for Football Oct- 2015
55	S. Valliammai	2014 - 2015	Star Performer Award in UIT
56	Ramesh Kumar M		Star Performer Award in UIT
57	B.Reji		Star Performer Award in UIT
58	R.Kiruthika		Star Performer Award in UIT
59	S.Sahanadhilfar		Star Performer Award in UIT
60	Indhumathi B		Star Performer Award in UIT
61	M. Shankar		Social Performer Award in UIT
62	Mohammed fathauddin		II Prize in Hr cube Hackthon Technical Event
63	N.P. Aswathy		Best Outgoing Student in UIT

64	Premkumar.U		I prize in Website Design Contest - Cash Award in UIT
65	Ramkishore A Shenai		II prize in Website Design Contest -Cash Award in UIT
66	Subha Shri.K		III prize in Website Design Contest -Cash Award in UIT
67	M.Ramesh Kumar		II Prize in Presentation
68	M.Ramesh Kumar		II Prize in Techconexion
69	J.V.Sanjay Krishnan		I Prize in Hot Wheel
70	R.Saranya		II Prize in Techconexion
71	B.Divya		III prize in Ball Badminton at Kumaraguru College of Technology
72	B.Divya		III prize in Volley Ball at Adithya Institute of Technology
73	S.Priyadarshini		Academic Star Performer Award in UIT
74	M.Jeeevitha		Academic Star Performer Award in UIT
75	R.Krithika		Academic Star Performer Award in UIT
76	S.Priyadarshini		Cash prize in Innovate Contest at Exterro
77	S.Priyadarshini		First Rank in UIT
78	B.Divya		Runner -Up in Volley Ball at UIT
79	B.Divya		Runner in Kho -Kho at UIT
80	B.Divya		Winner in Ball Badminton at UIT
81	M.Aravind Raj		III prize in 4x400 mts –Relay At Kumaraguru College of Technology
82	P.Gayathri Priyadarshini	2013	Star Performer in UIT
83	N.P.Asathy	-	Star Performer in UIT
84	Sowndarya.J	2014	Star Performer in UIT
85	Kavin .R		Star Performer in UIT
86	Gowtham.R		Outstanding Secretary in Rrotract Club For District 3201
87	Padmavathi.T		Winner in State Level Robotic Championship
88	Janardhanan.V.S		Winner in State Level Robotic Championship
89	Joyson Kavin Kumar.S		Winner in State Level Robotic Championship
90	Mohammed Fathauddin		Winner in State Level Robotic Championship
91	B.Divya		Winner in Ball Badminton at UIT
92	B.Divya		Runner in Volleyball at UIT
93	B.Divya		Runner in Shuttle at UIT
94	M. Aravind raj	2012	III Prize -4x100 mts relay at Sri Ramakrishna Engineering College
95	M. Aravind raj	-	II Prize -200 mts at Coimbatore Institute of Technology
96	M. Aravind raj	2013	II Prize -400 mts at Coimbatore Institute of

			Technology
97	M. Aravind raj		15 Priz -Maraton at UIT
98	T.Prem		I prize in Web Designing at KGiSL Institute of Technology
99	T.Prem		I prize Paper Presentation at KGiSL Institute of Technology
100	D.Kalaivani		Star Performer in UIT
101	D.Vignesh		Star Performer in UIT
102	Aswathy.N.P		Star Performer in UIT
103	C.S.Madhumathi		Star Performer in UIT
104	S.Priyadarshini		Star Performer Award in UIT
105	P.Subhashree		Best Outgoing in UIT

University Rank Holder

Academic Year	University	Student Name	Rank
2013 -2014	Anna University	S.Priyadarshini	35

24. List of eminent academicians and scientists, visitors to the department

Academic Year	Name of the Academicians Scientists	Institution.Industry Designation	Date	Purpose of Visit
2012 - 2013	Ms.S.Kalpana	Associate Professor, Department of Computer Science, Maharaja Engineering College, Tirupur.	09.07.2012	Guest Speaker
	Mr.R.Ganesh	Proprietor,CTechnology, Coimbatore.	06.08.2012	Guest Speaker
	Mrs.Punitha	Assistant Professor, Department of Computer Science, Adithya Institute of Technology, Coimbatore.	23.08.2012	Seminar
	Mrs.K.Rajakumari	Assistant Professor, Department of Information Technology, SNS College of Technology,Coimbatore	10.09.2012	Guest Lecture
	Mr.Karthick Subramaniam	HR Specialist, Exterro Inc.	21.09.2012	Chief guest for Association Inauguration
	Ms.N.Geetha	Asst. Professor, Department of Information Technology, Maharaja Engineering College,	10.10.2012	Guest Speaker

		Tirupur.		
	Mr.N.Valliappan	Director, EZ Vidya	22.01.2013	Motivation talk
	1.Prof Dr. Sethu Vijayakumar 2. Prof. Dr. Michael Paul Fourman FBCS 3. Dr. Sharon Goldwater 4. Dr. Iain Murray	Professor of Robotics and Director of IPAB, School of Informatics, University of Edinburgh Professor of Computer Systems, School of Informatics, University of Edinburgh. SICSA Lecturer, Institute for Language, Cognition and Computation, School of Informatics, University of Edinburgh. SICSA Lecturer in Machine Learning, ANC, School of Informatics, University of Edinburgh.	19.02.2013 - 20.02.2013	Technical Speaker for Conference
	Mr.Sivaraman	Project Manager, Amphisoft Technologies Private Limited, Coimbatore.	12.03.2013	Seminar
	Mr.R.Ganesh	Proprietor, C3 Technology, Coimbatore.	22.04.2013	Guest Speaker
	Mrs.M.Suguna	Assistant Professor, Department of Information Technology, SNS College of Technology, Coimbatore.	28.04.2013	Guest Speaker
2013 -2014	Dr.A.Sakthivel	Assistant Professor, Department of Computer Science, Adithya Institute of Technology, Coimbatore.	15.07.2013	Motivation talk
	Dr. P.Nagabhusan	Professor & Chief Nodal Officer, Mysore University.	23.08.2013 - 24.08.2013	Technical Speaker for workshop
	Ms.S.Vasumathy Kannagi	Assistant Professor, Department of Computer Science, Info Institute of	04.09.2013	Guest Speaker

		Engineering, Coimbatore.		
Mr.N.Valliappan	Director, EZ Vidya		26.10.2013	Chief Guest for Symposium
Mr.R.Sridhar	CCIE (Security), Network Engineer		15.11.2013 - 16.11.2013	Technical Speaker for workshop
Mr. Baskar Selvaraj	Chief Executive Officer, LinuXpert Systems		03.12.2013 - 04.12.2013	Technical Speaker for FDP
Mrs.R.Aarthy	Assistant Professor (Sr.Gr), Amrita University, Coimbatore.		10.12.2013	Technical Speaker for Seminar
Dr.R. Periyasamy	Professor, Department of Electronics & Communication, KSR College of Technology, Thiruchengode,		13.01.2014	Guest Speaker
Mr.D.Shibin	Assistant Professor, Department of Computer Science, karunya University, Coimbatore.		17.02.2014	Guest Speaker
Mr. Baskar Selvaraj	Chief Executive Officer, LinuXpert Systems.		14.03.2014 - 15.03.2014	Technical Speaker for FDP
Mrs.S.Padmavathi	Asst. Professor, Department of Information Technology, Amrita School of Engineering, Amrita University.		22.03.2014	Guest Speaker
Ms.R.D.Priyanka	Assistant Professor, Department of Computer Science, Info Institute of Engineering, Coimbatore.		26.03.2014	Guest Speaker
Mrs.R.Aarthy	Assistant Professor (Sr.Gr), Amrita University, Coimbatore.		14.04.2014	Guest Speaker
Mrs.K.Rajakumari	Assistant Professor, Department of Information Technology, SNS College of		22.07.2014	Guest Speaker

		Technology. Coimbatore.		
	Dr.S.Rajalakshmi	Associate Professor, Head of Department - CSE Jay Shriram College of Technology, Tirupur.	18.08.2014	Seminar
	Mr.Ramakrishna Moorthy Venkatasubbu	Founder , COO at Impiger Technologies (P) Ltd.	13.09.2014	Chief guest for Association Inauguration
	Mr.J.Prabakaran	System Engineer, Infosys Ltd,Chennai	20.09.2014	Technical Speaker
	Mr.Sivaraj	Director, Coimbatore Institute Of Information Technology, Coimbatore.	17.10.2014	Guest speaker
	Mr.Kumaraesan	Assistant Professor, Department of Computer Science, Bannari Amman Institute of Technology, Coimbatore.	12.11.2014	Guest speaker
2014 -2015	Dr.S.Rajalakshmi	Associate Professor, Head of Department - CSE Jay Shriram College of Technology, Tirupur.	06.01.2015	Seminar
	1.Mr.Anand Purusothaman 2.Mr.Karunya Sampath 3.Ms.Nivrutha Sampath 4.Ms.Nandhini	Founder ,CEO at Payoda Technologies (P) Ltd COO at Payoda Technologies (P) Ltd HR at Payoda Technologies (P) Ltd HR at Payoda Technologies (P) Ltd	30.01.2015	Chief guest for Programming Contest(Top Coders 2015)
	Mr.R.Christhuraj	Asst. Professor, Department of Information Technology, Adithya Institute of Technology. Coimbatore.	19.02.2015	Guest Speaker

	1.Mr.Arunkumar Rayappan 2.Mr.U.N.Murali Krishna 3.Mr.K.L.Rajasekaran	Deputy Manager, HCL State Street Service. Vice President, Skava, Senior Executive in HR, HCL Technologies, State Street Service	27.02.2015	Chief Guest for Symposium
	Mrs.R.Sujitha	Asst. Professor, Department of Computer Science, Christ The King Engineering College, Coimbatore.	27.02.2015	Jury for Symposium event
	Ms.P.Nisitha	Asst. Professor, Department of Information Technology, Park College of Engineering & Technology, Coimbatore.	27.02.2015	Jury for Symposium event
	Mrs.M.Suguna	Assistant. Professor, Department of Computer Science, Kumaraguru college of technology, Coimbatore.	19.03.2015	Guest Speaker
	Mr.Rajaram	Assistant Professor, Department of ECE, Mahabarathi Engineering College, Salem.	02.04.2015	Seminar
2015-2016	Mr.Komaraswamy	Assistant Professor, Department of CSE, Bannari Amman Institute of Technology, Sathyamangalam.	20.07.2015	Guest Lecture
	Mr.Vignesh	Image Creative Solutions	01.08.2015	Seminar
	Mr.Komaraswamy	Assistant Professor, Department of CSE, Bannari Amman Institute of Technology, Sathyamangalam.	18.08.2015	Guest Lecture
	R.Kalayarasi	Tamil Nadu Distance Education	15.09.2016	Guest Lecture
	R.M.Bavadarini	SNS College of Technology	22.09.2015	Guest Lecture
	Dr.Sangeetha Prof.R.S.Latha	Kongu Engineering College	20.02.2016	Workshop
	Mr.Kannan	Interface Technologies Bangalore	04.03.2016	Workshop

	Mr.Senthil	Poras Technologies	04.03.2016	Workshop
	Mr.Sajan Devarajan	Exterro Technologies	19.03.2016	Symposium
	P.Jayaprakash	Sona College of Technology	10.03.2016	Guest Lecture
	Mr.Komaraswamy	Assistant Professor, Department of CSE, Bannari Amman Institute of Technology, Sathyamangalam.	14.03.2016	Motivational Speech
	P.Siva Prakash	PPG Institute of Technology	12.04.2016	Guest Lecture

25. Seminars. Conferences.Workshops organized & the source of funding

a) National b) International

N - National I - International S - Self

Academic Year	N/I	Seminar/ conference/ workshop	Title	Date	Source of funding
2012 - 2013	N	Guest Lecture	Network Security	09.07.2012	CSE Association
	N	Guest Lecture	.Dot net programming	06.08.2012	CSE Association
	N	Seminar	Seminar on Linear data structures	23.08.2012	CSE Association
	N	Guest Lecture	MANET	10.09.2012	CSE Association
	N	Guest Lecture	Software Testing	10.10.2012	CSE Association
	I	Conference	International Outreach	19.02.2013 & 20.02.2013	CSE Association
	N	Guest Lecture	Guest Lecture on php	12.03.2013	CSE Association
	N	Seminar	One day seminar on Information security & ethical hacking	14.03.2013	CSE Association
	N	Conference	Advancements in computing	21 .03.2013 & 22.03.2013	CSE Association
	N	Guest Lecture	Java Programming	22.04.2013	CSE Association
	N	Guest Lecture	Distributed Computing	28.04.2013	CSE Association
	N	Guest Lecture	Cyber Security	15.07.2013	CSE Association
	N	Seminar	Two day seminar on Symbolic Database & Pattern Recognition	23.08.2013 & 24 .08.2013	CSE Association

2013 - 2014	N	Guest Lecture	Web services	04.09.2013	CSE Association
	N	Workshop	One day workshop on Wired & Wireless Networks using NS-3	14.09.2013	CSE Association
	N	Workshop	One day workshop on PC hardware & trouble shooting	21.09.2013	CSE Association
	N	Symposium	UTSAV-13	26.10.2013	CSE Association
	N	Workshop	Two day workshop on Network Design	15.11.2013 & 16.11.2013	CSE Association
	N	FDP	FDP on Network Lab	16.11.2013	CSE Association
	N	FDP	Faculty development programme on FOSS	03.12.2013 & 04.12.2013	CSE Association
	N	Seminar	One day seminar on "Image Segmentation"	10.12.2013	CSE Association
	N	Guest Lecture	Wireless Sensor Networks	13.01.2014	CSE Association
	N	Workshop	Two day workshop on National network security competition	10.02.2014 & 11.02.2014	CSE Association
	N	Guest Lecture	Web designing	17.02.2014	CSE Association
	N	Workshop	One day workshop on Basics of java & HTML	14.02.2014	CSE Association
	N	FDP	OS design – CASE STUDY	14.03.2014 & 15.03.2014	CSE Association
	N	Guest Lecture	Multi core Architectures	26.03.2014	CSE Association
	N	Seminar	One day seminar on Isolation and classification of vehicles from traffic videos	14.04.2014	CSE Association
2014 - 2015	N	Guest Lecture	Client server Computing	22.07.2014	CSE Association
	N	Seminar	One day seminar on Medical data mining	18.08.2014	CSE Association
	N	Workshop	One day workshop on Web fundamentals	11.09.2014	CSE Association
	N	Workshop	One day Workshop on Phone Gap	20.09.2014	CSE Association
	N	Workshop	One day workshop on Recent trends in IT	13.09.2014	CSE Association
	N	Workshop	One day workshop on	13.09.2014	CSE

			Web designing		Association
	N	Seminar	One day seminar on Image Processing	17.10.2014	CSE Association
	N	Seminar	One day seminar on Cloud Computing	06.01.2015	CSE Association
	N	Guest Lecture	Fuzzy logic And Fuzzy systems	19.02.2015	CSE Association
	N	Symposium	UTSAV-15	27.02.2015	CSE Association
	N	Guest Lecture	Software Project management	19.03.2015	CSE Association
	N	Seminar	One day seminar on big data	02.04.2015	CSE Association
2015 - 2016	N	Guset Lecture	Guest Lecture in Network Security	20.07.2015	CSE Association
	N	Workshop	Workshop on Photoshop tools	01.08.2015	CSE Association
	N	Guset Lecture	Guest Lecture on Data Mning	18.08.2015	CSE Association
	N	Guest Lecture	Guest Lecture on MANET	15.09.2015	CSE Association
	N	Guest Lecture	Guest Lecture on Wireless sensor Network	22.09.2015	CSE Association
	N	Workshop	Workshop on Network simulation using NS 2	20.02.2016	CSE Association
	N	Workshop	Workshop on Data warehousing and OLAP Tools	04.03.2016	CSE Association
	N	Workshop	Application Development using C# and .NET Frame work	04.03.2016	CSE Association
	N	Symposium	UTSAV-16	19.03.2016	CSE Association
	N	Guest Lecture	Guest Lecture on Soft Computing	10.03.2016	CSE Association
	N	Guest Lecture	Guest Lecture on Cloud Computing	12.04.2016	CSE Association

26. Student profile programme.course wise:

UG: B.E – Computer Science and Engineering

Name of the Course programme	Batch	Application Received	Selected	Enrolled		Pass percentage (within minimum period)
				M	F	
B.E – COMPUTER SCIENCE AND	2009-2013	65% of students are admitted through single	33	25	8	57.57 %
	2010-2014		61	32	29	70.49 %

ENGINEERING	2011-2015	window system by Anna University Chennai and another 35% are admitted through Single Window system organized by Consortium of Engineering Colleges	57	30	27	63.15 %
	2012-2016		101	55	46	74.25% (up to 7 th semester)
	2013-2017		81	26	55	45.6 % (up to 5 th semester)
	2014-2018		39	24	15	38.46% (up to 3 rd semester)
	2015-2019		77	30	47	54.5% (upto 1 st semester)

M = Male F = Female

PG: M.E – Computer Science and Engineering

Name of the Course.programme	Batch	Application Received	Selected	Enrolled		Pass percentage (within minimum period)
				M	F	
M.E - Computer Science And Engineering	2011-2013	65% of students are admitted through single window system by Anna University Chennai and another 35% are admitted through Single Window system organized by Consortium of Engineering Colleges	18	7	11	72.22
	2012-2014		18	4	14	83.33
	2013-2015		17	2	15	100
	2014-2016		7	0	7	57.14 (up to 3 rd semester)
	2015-2017		1	0	1	100

M = Male F = Female

PG: M.E – Computer Science And Engineering (Part Time)

Name of the Course.programme	Batch	Application Received	Selected	Enrolled		Pass percentage (within minimum period)
				M	F	
M.E– Computer Science And Engineering (Part Time)	2011 -2014	-	2	1	1	100%
	2012 -2015		2	1	1	100%

M = Male F = Female

27. Diversity of Students

UG: B.E – Computer Science and Engineering

Name of the Course.programme	Batch	% of students from the same state	% of students from other States	% of students from abroad
B.E – COMPUTER SCIENCE AND ENGINEERING	2009 -2013	100	-	-
	2010 -2014	100	-	-
	2011 -2015	98.24	1.8	-
	2012 -2016	96.03	3.97	-
	2013 -2017	98.76	1.23	-
	2014 -2018	94.87	5.12	-
	2015-2019	97.40	2.59	-

PG: M.E – Computer Science and Engineering

Name of the Course.programme	Batch	% of students from the same state	% of students from other States	% of students from abroad
M.E – Computer Science And Engineering	2011 -2013	100	-	-
	2012 -2014	100	-	-
	2013 -2015	100	-	-
	2014 -2016	100	-	-
	2015 -2017	100	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

UG: B.E – Computer Science and Engineering

Competitive Examination	2012 -13	2013 -14	2014 -15	2015 -16	Total
TANCET	-	-	5	5	10
GRE.TOFEL	-	1	-	-	1
Bank Exam	-	-	-	1	1

29. Student progression

Student progression		2012 -13	2013 -14	2014 -15	2015 -2016	Total
UG to PG		1	5	2	2	10
PG to M.Phil.		-	-	-	-	-
PG to Ph.D.		-	-	1	-	-
Ph.D. to Post		-	-	-	-	-
Campus selection	On campus	13	19	30	83	145
	Off campus	-	8	10	12	30
Other than campus recruitment		33	28	15	-	76
Entrepreneurship		2	3	5	-	10
Self -employment		-	-	-	-	-

30. Details of Infrastructural Facilities

a) Central Library

S.No.	Description	Quantity in Numbers	
1	Books for students circulation Titles 534	Titles	537
		Volume	7433
2	Department Library for Reference	Titles	346
		Volume	346
3	Technical Journals	National	7
		International	6
		E - Journals	DELNET,IMANAGERS
4	Technical Magazines	6	
5	Newspapers	8	
6	Educational CDs (CBTs)	301	

b) Department Library

S.No.	Description	Quantity in Numbers	
1	Department Library for Reference	Titles	346
		Volume	346
2	Project Books (UG)	Titles	136
3	Project Books (PG)	Titles	45

c) Internet facilities for Staff & Students

S.No.	Description	Quantity in Numbers
1	Computer	198
2	Computer with internet facilities	198
3	Band width	20 mbps
4	Network facilities for all computers	198
5	Printers	5
6	Scanner	1

d) Class rooms with ICT facility

S.No.	Description	Number of rooms
1	Class room with board	6
2	Class room with projector	3
3	Class room with ICT facilities	3

e) Laboratories

Name of Laboratory: **Computer Centre**

Area : 160.60 (Sq m)

S.No.	Name of Equipment	Quantity	Cost(Rs)
1	Dell Server	1	6,27,500
2	Dell NAS Storage	1	5,25,000
3	RACK 42U.800W.1000.MMD Door Per 42U.800 MMW Castors set of 4 PDU 10*5.15 AMS Hardware PKT of 20 Keyboard tray 19'.1000 MMD Shelf Heavy duty 19'.725 MMD	1	47,500

	Fan 230 V 90 CFM		
4	Intel Xerox 4CES629,49Y1436 8 GB Ram, IBM 300GB 15K 6 Gbps SAS3.5' HS,81Y6754 RPS, 39Y6126 PRO.1000 PT Duel Port Server Adapter by Intel	1	2,50,000
5	Intel Xerox 4CES629,49Y1436 8 GB Ram, IBM 300GB 15K 6 Gbps SAS3.5' HS,81Y6754 RPS, 39Y6126 PRO.1000 PT Duel Port Server Adapter by Intel	1	2,38,095
6	FG200B3911600303	1	2,59,270
7	Aruba 650 Controller	1	74,300
8	IBM (Phone & FTP) Server	1	44,200
9	NComputing thin client	61	5,49,000
10	18.5 Samsung Monitor	61	3,50,750
11	Canon Printer	1	6,571
12	Canon MP 287 Printer	1	4,571
Total Cost			29,76,757

Name of Laboratory: **Programming Laboratory**

Area : 80.206 (Sq m)

S.No.	Name of Equipment	Quantity	Cost(Rs)
1	NComputing thin client	39	3,51,000
2	18.5 Samsung Monitor	39	2,24,250
3	Samsung Printer	2	20,576
Total Cost			5,95,826

Name of Laboratory: **PG Laboratory**

Area : 70.12 (Sq m)

S.No.	Name of Equipment	Quantity	Cost(Rs)
1	NComputing thin client	60	5,40,000
2	18.5 Samsung Monitor	60	3,45,000
Total Cost			8,85,000

Name of Laboratory: **DBMS Laboratory**

Area : 67.50 (Sq m)

S.No.	Name of Equipment	Quantity	Cost(Rs)
1	Desktop Computer (Intel Core i -3, 2.3GHz, 2GB DDR3, GB SATA - II)	30	7,03,451
2	Projector	1	38,500
Total Cost			7,41,951

Name of Laboratory: **Computer Networks Lab**

Area : 66 (Sq m)

S.No.	Name of Equipment	Quantity	Cost(Rs)
1	Desktop Computer (Intel Core i-3,2.3GHz, 2GB DDR3,	30	628082
2	Ethernet LAN Kit	2	150000
3	Wireless LAN Kit	2	34000
4	Data Communication Kit	1	40000
5	Printer	1	12300
6	Projector	1	38500
Total Cost			9,02,882

31. Number of students receiving financial assistance from college, university, government or other agencies

Received financial assistance		2012 -13	2013 -14	2014 -15	2015 -16	Total
Government	First Graduate	48	74	117	119	358
	SC.ST	2	6	8	7	23
	BC.MBC	5	10	35	40	90
UIT Educational Trust		43	16	15	29	103
Others		1	1	-	-	2

32. Details on student enrichment programmes (special lectures, workshops, and seminar) with external experts.

Academic Year	Special lectures / workshops / seminar	Title	Date	External experts
2012 -2013	Industrial Visit	Industrial Visit	24.8.2012	Chips Software Systems, Parishathu Building, M G Marg, Ernakulam, Kerala 682011
	Industrial Visit	Industrial Visit	8.8.2012	Centre for Development of Advanced Computing, 68, Electronics City, Bengaluru - 561229, Karnataka (India)
	Motivation Talk	Leadership quality	22.01.2013	Director,EZ Vidya, Coimbatore
2013 -2014	Industrial Visit	Industrial Visit	16.08.2013	MPower Global IT Solutions, 2, Tavarekere, Bannerghatta Road, Next to Jal Bhawan, 1st Phase, 1st Stage, BTM Layout, Bengaluru, Karnataka 560029
	Internship	Internship	18.12.2013 to 28.12.2013	Superfect Solutions Pvt. Ltd, A.P.Complex, Judge Road, Near Annamalai Gounder Marriage Hall, Kannankurichi, Salem.
2014 -2015	Industrial Visit	Industrial Visit	23.07.2014	HCL Technologies, A - 8 & 9, Sector 60, Noida, UP – 201301, India
	Industrial Visit	Industrial Visit	28.07.2014	JVS Electronics Pvt. Ltd Manchanayakanahalli, Bidadi hobli, Mysore highway ,Bangalore - Mysore Road, 121, Hampapura Road, Bengaluru, Karnataka 562109
	Industrial Visit	Industrial Visit	28.07.2014	Centre for Development of Advanced Computing, 68, Electronics City, Bengaluru - 561229 Karnataka (India)
	Industrial Visit	Industrial Visit	7.08.2014	Nilgris Biodiversity park,Nilgris.

Industrial Visit	Industrial Visit	14.08.2014	Chips Software Solutions, Parishathu Building,M G Marg, Ernakulam, Kerala 682011
Workshop	One day Hands on Training on Phone gap	20.09.2014	Mr.J.Prabakaran System Engineer, Infosys Ltd, Chennai
Project Contest	i-innovate	11.10.2014	Exterro Coimbatore.
Programming contest	Top Coders 2015	30.1.2015	1. Mr.Anand Purusothaman Founder & CEO Payoda Technologies (P)Ltd. 2. Ms.Karunya Sampath COO, Payoda Technologies (P) Ltd 3. Ms.Nivrutha Sampath HR , Payoda Technologies (P) Ltd 4. Ms.Nandhini HR, Payoda Technologies (P) Ltd
Industrial Visit	Industrial Visit	7.02.2015	Radio Astronomy Centre, Nilgris.
Industrial Visit	Industrial Visit	7.02.2015	Hindusthan Photo Films Mfg. Co., Ltd Nilgris.
Industrial Visit	Industrial Visit	07.02.2015	Doddabetta Tea Factory & Meuseum Nilgris.
Guest Lecture	Android App Development	27.2.2015	Ms.P.Nisitha Asst. Professor, Department of Information Technology, Park College of Engineering & Technology, Coimbatore.
Implant training	Implant training on Android App Development	25.05.2015 to 29.05.2015	Uniq Technologies, 74, Opp Alvernia School,, Kongu Nagar, Coimbatore.
Implant training	Implant training on Android App Development	11.06.2015 to 15.06.2015	Uniq Technologies, 74, Opp Alvernia School,, Kongu Nagar, Coimbatore.
Internship	Internship	11.06.2015 to 20.06.2015	Uniq Technologies, 74,Opp Alvernia School,, Kongu Nagar, Coimbatore.
Implant Training	Implant Training on .net	19.6.2015	GB Solutions, 481.2, Ellaithottam Road Ext, Peelamedu, Coimbatore.

	Industrial Visit	Industrial Visit	24.07.2015	MPower Global INC, 2, Tavarekere, Bannerghatta Road, Next to Jal Bhawan, 1st Phase, 1st Stage, BTM Layout, Bengaluru, Karnataka 560029
	Industrial Visit	Industrial Visit	31.07.2015	Chips Software Systems, Parishathu Building, M G Marg, Ernakulam, Kerala 682011
2015-2016	Industrial Visit	Industrial Visit	11.08.2015	Isha Yoga Temple
	Industrial Visit	Industrial Visit	19.08.2015	Nilgris Biodiversity park, Nilgris.
	Industrial Visit	Industrial Visit	03.09.2015	Sims Park, Coonoor
	Industrial Visit	Industrial Visit	02.02.2016	Kodaikanal
	Industrial Visit	Industrial Visit	16.02.2016	Sims Park, Coonoor
	Industrial Visit	Industrial Visit	11.03.2016	Nilgris Dairy Farm, The Nilgris
	Student Enrichment Program	Engineers Day	15-05-2016	Debate in Recent topics
	Motivation Speech	Opportunity ahead for final year students	14.03.2016	CSE Association
Internship	Internship	29.02.2016 – 28.03.2016	Exterro	
Internship	Internship	17.12.2015 – 17.05.2016	Exterro	

33. Teaching methods adopted to improve student learning

In order to improve the effectiveness of the teaching learning process, the department facilitates the use of various teaching methodologies such as

- Learning Management System (LMS) – All the Course materials and lesson plan for the entire semester has been uploaded by the faculty members well in advance. Hence students used to come to the class with preparation. After completing the classes, students will post the question in LMS. This will help the students to improve their learning ability.
- Question Bank for all the subjects
- Specific strategies for slow learners like drill test, special coaching test etc.

- Special strategies for advanced learners like arranging quiz competitions in technical area etc
- Proper Planning and organizing teaching -learning and evaluation as per university norms.
- More practical oriented teaching like giving mini project and organizing code debugging etc.
- Most of the Classrooms are fitted with LCD projectors and the institute is having with Wi -Fi facility, which will help the students and faculty members to access internet from anywhere.
- NPTEL video presentation
- E -journal in central library
- Value Added Program to enhance the technical and practical knowledge
- Industrial Visits
- In plant Training
- Mind map techniques and Yoga to improve the concentration of the students.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

S.No	Date	Event	Academic Year	No. of participation
1	03.08.2014	Friendship day celebration By RAC UIT	2014 - 2015	38
2	Aug 2014	Hosting IDYE to Annai karanghal at Anaikatti By RAC UIT		25
3	Aug 2014	Onam celebration By RAC UIT		34
4	Sep 2014	Eye camp for people in Anaikatti By RAC UIT		15
5	Sep 2014	Provided Dinner for students at Jeevakarunya Ashram By RAC UIT		12
6	11.10.2014	NSS activities at Thandigai Perumal Temple		28
7	01.11.2014	NSS – World’s largest school students meet at Codissia, Coimbatore		154
8	01.11.2014	NSS – Vibathu illa kovai accidental awareness camp		113
9	15.11.2014	NSS rally to promote reading habit – National library day		50
10	21.11.2014	NSS – Primary Health Center Dengu Awareness camp – Periyayanakanpalayam		49
11	12.01.2015	NSS – Polio vaccination camp		64
12	14.01.2015	Tamil Mandram - Inauguration		40
13	19.01.2015	NSS - Primary Health Center blood donation camp - Gudalur		22

14	08.06.2015	Tamil Mandram - Debate	2015 - 2016	15
15	09.08.2015	Go green – planting trees By RAC UIT		50
16	23.08.2015	Karai Ellam Azhagu By RAC UIT		07
17	29.08.2015	Paying Homage to Dr.A.P.J.Abdulkalam By RAC UIT		133
18	12.09.2015	Faces By RAC UIT		06
19	28.09.2015	Igniting Dreams By RAC UIT		150
20	10.10.2015	NSS activities at Thandigai Perumal Temple		17
21	14.10.2015	NSS – Dengue Awareness Camp – Kovanoor HSS		26
22	18.10.2015	NSS – Tree plantation		40
23	26.12.2015	Mattram By RAC UIT		50
24	14.03.2016	Save Earth Go Green By RAC UIT		450
25	09.04.2016	Oli sudar By RAC UIT		100
26	21.06.2016	Make it Fit By RAC UIT		80

35. SWOC analysis of the department and Future plans

Strength

- Motivation and encouragement from the management for doing higher studies
- Fully qualified, experienced and dedicated faculty members
- Young team of faculty members with creative thinking
- Library with enormous books to enrich the knowledge
- Academic excellence awards for both students and faculties
- Team work and coordination
- The department is strongly student centered and focused
- The department has excellent infrastructure for both graduate and post graduate students.
- More numbers of admission and placement related activities.

Weakness

- Number of Ph.D older should be improved. However most the faculty members are pursuing Ph.D.
- Motivation of students in competitive exams like GATE.CAT.Defense Service etc need has to be improved.
- Research, Consultancy and extension services need to be improved

- Collaboration with foreign universities needs improvement

Opportunities

- Students and faculty exchange programmes across the globe
- Improving practical skills through in -plant training, Internship and industrial visits
- Motivation for innovative projects
- Motivating the students to present their papers in various national and international Symposium, Conferences and Journals
- Availability of funds for research from various funding agencies
- Department intends to make the best use of the resources available for the stakeholders particularly to the students

Challenges

- Frequent changes in the University norms and regulations.
- Poor school education system.
- Enhancing the job potential in tier -1 companies also remains a challenge of the department.

Future Plan

- Establishing Ann University approved research centre.
- Setting up Technology incubation centre
- Receiving the research project funded by DST, UGC, AICTE etc.
- Creating a centre of excellence for Wireless Sensor Networks, Cloud Computing and Big Data Analytics
- Increasing the number of publications in reputed journals.
- Forming a very good R&D team and to integrate them for making prototype of real time applications.
- Signing of MoU with MNCs.

Evaluative Report of the Departments

1. **Name of the department** : Electronics and Communication Engineering
2. **Year of Establishment** : 2009
3. **Names of Programmes . Courses offered** (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

S.No.	Engineering .Technology			Year of Started
1	UG	B.E	Electronics and Communication Engineering	2009 - 2010
2	PG	M.E	VLSI Design	2012 - 2013

4. Names of Interdisciplinary courses and the departments.units involved

UG: B.E – Electronics and Communication Engineering

Anna University, Chennai - Regulation 2008

S.No.	Subjects	Semester	Department Involved
1	Transforms and Partial Differential equations	III	Science and Humanities
2	Electrical Engineering	III	Electrical and Electronics Engineering
3	Data structures and Object Oriented Programming in C++	III	Electrical and Electronics Engineering
4	Data structures and Object Oriented Programming Lab	III	Electrical and Electronics Engineering
5	Probability and random processes	IV	Science and Humanities
6	Control Systems	IV	Electrical and Electronics Engineering
7	Electrical Engineering and control system Lab	IV	Electrical and Electronics Engineering
8	Communication Skills & Personality Development	V	Science and Humanities

Anna University, Chennai - Regulation 2013

S.No.	Subjects	Semester	Department Involved
1	Transforms and Partial Differential equations	III	Science and Humanities
2	Electrical Engineering and Instrumentation	III	Electrical and Electronics Engineering
3	Object oriented programming and Data structures	III	Computer Science Engineering
4	OOPS and Data structure laboratory	III	Computer Science Engineering
5	Probability and random processes	IV	Science and Humanities
6	Control system Engineering	IV	Electrical and Electronics Engineering

7	Electrical Engineering and control system Lab	IV	Electrical and Electronics Engineering
8	Communication and soft skills laboratory	VI	Science and Humanities
9	Robotics and Automation	VI	Electrical and Electronics Engineering

PG: M.E – VLSI Design

Anna University, Chennai - Regulation 2013

S.No.	Subjects	Semester	Department Involved
1	Applied Mathematics for Electronics Engineers	I	Science and Humanities

5. Annual. semester.choice based credit system (programme wise)

S.No.	Engineering /Technology			Annual / Semester Credit System
1	UG	B.E	Electronics and Communication Engineering	Semester based Credit System
2	PG	M.E	VLSI Design	Semester based Credit System

6. Participation of the department in the courses offered by other departments

UG: B.E – Electronics and Communication Engineering

Anna University, Chennai - Regulation 2008

S.No.	Subjects	Semester / Courses	Department
1	Digital principles and system design	III	Computer Science Engineering
2	Digital laboratory	III	Computer Science Engineering
3	Analog and digital communication	III	Computer Science Engineering
4	Microprocessor and Microcontroller	IV	Computer Science Engineering
5	Microprocessor Lab	IV	Computer Science Engineering
6	Digital signal processing	VII	Computer Science Engineering
7	Electromagnetic theory	III	Electrical and Electronics Engineering
8	Communication Engineering	V	Electrical and Electronics Engineering
9	Digital signal processing	V	Electrical and Electronics Engineering
10	Microprocessor and Microcontroller	VI	Electrical and Electronics Engineering
11	Microprocessor and Microcontroller Lab	VI	Electrical and Electronics Engineering
12	Microprocessor and	V	Electrical and

	Microcontroller		Electronics Engineering
13	Microprocessor and Microcontroller Lab	V	Electrical and Electronics Engineering
14	Digital signal processing	VI	Electrical and Electronics Engineering
15	Digital signal processing Lab	VI	Electrical and Electronics Engineering
16	Electronics and Microprocessors	IV	Mechanical Engineering

Anna University, Chennai - Regulation 2013

S. No.	Subjects	Semester / Courses	Department
1	Analog and digital communication	III	Computer Science Engineering
2	Microprocessor and Microcontroller	IV	Computer Science Engineering
3	Microprocessor and Microcontroller Lab	IV	Computer Science Engineering
4	Digital signal processing	VI	Computer Science Engineering
5	Electromagnetic theory	III	Electrical and Electronics Engineering
6	Discrete time systems and signal processing	IV	Electrical and Electronics Engineering
7	Microprocessor and Microcontroller	V	Electrical and Electronics Engineering
8	Communication Engineering	VI	Electrical and Electronics Engineering
9	Microprocessor and Microcontroller Lab	VI	Electrical and Electronics Engineering

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

Value Added Programme			
S.No.	Industry/Institute/University	Course(s)	Duration
1	BSNL	Silver certified Engineer Gold certified Engineer	2013-2014
2	Face academy	Aptitude and Soft skills training	2012 - 2013
3	Sparkles	Aptitude and Soft skills training	2012 - 2013
4	Face academy	Aptitude and Soft skills training	2013 - 2014
5	Sparkles	Aptitude and Soft skills training	2013 - 2014
6	Six Phrase	Aptitude and Placement Training	2014 - 2015
7	ABS	Aptitude and Placement Training	2015 - 2016
8	United Infotech	Core Java	2012 - 2013
9	United Infotech	Core Java	2014 - 2015
10	United Infotech	Core Java	2015 - 2016

8. Details of courses/programmes discontinued (if any) with reasons

S.No.	Name of the Courses	With effect from	Reason
1	M.E VLSI Design	2014	Lack of Admission

9. Number of teaching posts

Designation	Sanctioned	Filled
Professors	2	1
Associate Professors	4	2
Asst. Professors	16	21

10. Faculty profile with name, qualification, designation, specialization, (D.Sc.,D.Litt.,Ph.D. . M. Phil. etc.,)

S.No.	Name	Qualification	Designation	Specialization	No. of Years of Experience			No. of Ph.D. Students Guided for the last 4 years
					Industry	Teaching	Total	
1	Dr.P.Prakasam	Ph.D	Principal & Professor	Information & Communication Engineering	4.7	16.6	21.3	8
2	D.Gokila	M.E	Associate Professor	Applied Electronics	-	13.8	13.8	-
3	D.Synthia	M.E	Associate Professor	Power Electronics and Drives	-	14.3	14.3	-
4	S.Udhayakumar	M.E	Assistant Professor	Computer Science & Engineering	-	10.8	10.8	-
5	J.Jeyamani	M.E	Assistant Professor	Power Electronics & Drives	-	7.6	7.6	-
6	S.Sivaramkrishnan	M.E	Assistant Professor	Communication Systems	-	7.6	7.6	-
7	M. Archana	M.E	Assistant Professor	Communication System	-	5.9	5.9	-
8	M. Indhumathi	M.E	Assistant Professor	Communication Systems	-	5.5	5.5	-
9	S.K.Pravin Kumar	M.E	Assistant Professor	Communication Systems	-	5.0	5.0	-
10	C. R. Rathish	M.E	Assistant Professor	VLSI Design	-	4.0	4.0	-
11	R.Sathish	M.E	Assistant Professor	Applied Electronics	3.7	3.0	6.70	-
12	P. Vidya	M.E	Assistant Professor	VLSI Design	-	4.0	4.0	-
13	S.Keerthi	M.E	Assistant Professor	Embedded Systems	-	3.0	3.0	-
14	M.Kiruthiga	M.E	Assistant Professor	VLSI Design	-	2.7	2.7	-
15	V. Velumani	M.E	Assistant Professor	VLSI Design	-	2.0	2.0	-

16	N.Akilandeswari	M.E	Assistant Professor	VLSI Design	1	2.11	3.11	-
17	M. Aghalya	M.E	Assistant Professor	VLSI Design	-	1.6	1.6	-
18	N. Poovizhi	M.E	Assistant Professor	VLSI Design	-	1.5	1.5	-
19	K. Velmayil	M.E	Assistant Professor	VLSI Design	-	1.5	1.5	-
20	A.S. Sharanya	M.E	Assistant Professor	VLSI Design	-	2.2	2.2	-
21	Gemma Benilda C	M.E	Assistant Professor	VLSI Design	-	1.4	1.4	-
22	K.Viveeka	M.E	Assistant Professor	VLSI Design	-	0.11	0.11	-
23	R.Hemaprabha	M.E	Assistant Professor	Applied Electronics	-	-	-	-
24	Mohan.D	M.Tech	Assistant Professor	VLSI Design	6.9	-	6.9	-

11. List of senior visiting faculty

Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Nil

13. Student -Teacher Ratio (programme wise)

UG: B.E – ECE

S.No.	Sanctioned Intake	Total Students Strength				Faculty Strength	Student - Teacher Ratio
		II Yr	III Yr	IV Yr	Total		
1.	324	64	63	96	223	24	15:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Description	Sanctioned	Filled
Teaching Support Staff	2	2
Administrative staff	1	1

15. Qualifications of teaching faculty with DSc. D.Litt. Ph.D. MPhil. PG.

Qualification	Number of Faculty
Ph.D	1
Ph.D Pursuing	6
PG	17

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

NIL

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

S. No	Principal Investigator(s)	Title of the project	Name of Funding Agency	Amount Sanctioned	N/I	Date of sanction	Status
1.	Dr.P.Prakasam	Design and implimentation of hum decteor system to avoid the human error in 80 Amps Conductor	Research Centre - Salzer Electronic s Limited	Rs.66000	N	09.12.15	completed
2.	Dr..P.Prakasam	Optimization Thermal Calibration in OLR B4 model	Research - Salzer Electronic s Limited	Rs.36000	N	15.07.15	Completed
3.	M.Loganathan IV Year ECE B	Bluetooth Controlled Robot	GP Architectu ral Modeling, Coimbator e.	Rs.10000	N	12.06.15	Completed
4.	M.Loganathan IV Year ECE B	Lighting Control using mobile	GP Architectu ral Modeling, Coimbator e.	Rs.35000	N	10.10.15	Completed

18. Research Centre .facility recognized by the University: Nil

19. Publications: Journal,Conference:

S. No	Name of the Faculty	Journal		Conference		Publications listed in International	Citation Index	SNIP	SJR	Impact Factor	h-index
		N	I	N	I						
1	Dr.P.Prakasam	-	38	5	36	38	119	8.494	3.587	5.19	5
2	D.Gokila	-	2	4	4	2	12	0.32	0.151	-	2
3	S.Udhayakumar		1	1	1	-	-	-	-	-	-
4	A.Raja		2	1	2	-	-	-	-	-	-
5	S.Sivaramakrishnan		1	-	-	-	-	-	-	-	-
6	M. Archana		5	3	4		15	1.842	0.784	-	2
7	S.K.Pravin Kumar		2	-	2	1	-	0.166	0.13	-	-
8	C. R. Rathish		7	-	-	1	-	0.166	0.13	-	-
9	R.Sathish		1	-	-	-	-	-	-	-	-
10	M.Ramya		1	1	-	-	-	-	-	-	-
11	V. Velumani		2	4	2	-	-	-	-	-	-
12	N. Poovizhi		1	-	-	-	-	-	-	-	-

13	K. Velmayil		1	-	1	-	-	-	-	-	-
14	M.Kalaiyarasi		1	-	-	1	-	0.166	0.13	-	-

N- National I -International

Monographs : Nil

Chapter in Books : Nil

Books Edited.Published

S.No.	Name of Author(s)	Title of book	ISBN	Year of Publication	Name of Publisher
1.	S.P.Eugine Xavier, M.Madheswaran and P.Prakasam	Digital Signal Processing and Application	-	In Press	S.Chand & Co

20. Areas of consultancy and income generated : Nil

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards....

S.No.	Name of the Faculty	Member in Professional Bodies	
		National	International
1	Dr.P.Prakasam	ISTE	IEEE,IACSIT,IAENG, UACEE, IIRJC, IIENG
2	D.Gokila	ISTE	IETE, IAENG
3	S.Udhayakumar	ISTE	IAENG
4	J.Jeyamani		IAENG
5	A.Raja	ISTE	IAENG
6	S.Sivaramakrishnan		IAENG
7	P.Sridhar	ISTE	IETE,IAENG
8	M. Archana		IAENG
9	S.K.Pravin Kumar		IACSIT,IAENG
10	V.Lalithakumari		IAENG
11	C. R. Rathish		IAENG
12	R.Sathish		IAENG
13	S.Keerthi		IAENG
14	M.Ramya		IAENG
15	P. Vidya		IAENG
16	V. Velumani		IAENG
17	M. Indhumathi		IAENG
18	Kiruthiga. M		IAENG
19	M. Aghalya		IAENG
20	N. Poovizhi		IAENG
21	K. Velmayil		IAENG
22	M.Kalaiyarasi		IAENG
23	A.S. Sharanya		IAENG

International Committee

- 2nd International Conference on Current Trends in Engineering & Technology (ICCET 2014), 8th July 2014, Coimbatore, India
- Session Chair at 15th International Conference on Control, Automation and Systems (ICCAS 2015), Busan, Korea, 13 – 16 October 2015

Editorial Board**Editor in Chief**

- Journal of Signal Processing and Wireless Networks

Editorial Board Member in Journals

- International Journal of Advancements in Electrical Engineering
- International Journal of Advancements in Wireless Communication Technology
- International Journal of Advancements in Digital Signal Processing
- International Journal of Advancements in Electronics and Electrical Engineering
- International Journal of Wireless Communications and Mobile Computing
- Science Journal of Circuits, Systems and Signal Processing
- Journal of Electrical and Electronics Engineering
- Scientific Boars of Computer, Electrical & Electronics Engineers

Editorial Board Member in Conference

- 3rd International Conference on Advances in Computing, Control and Networking (ACCN 2015), 28 – 29 December 2015, Bangkok, Thailand.
- 12th International Conference on Cloud Computing, Computer Science and Advances in Information Technology (ICCCIT 2015), Bhopal, India.
- 3rd International Conference on Advances in Information Processing and Communication Technology (IPCT 2015), 10 & 11, December 2015, Rome, Italy.
- 2nd International Conference on Engineering and Management Sciences (ICMES 2015), 28th February 2015, Singapore.
- International Conference on Advances in Computing, Electronics and electrical Technology (CEET 2014), 02 – 03 August 2014, Kuala Lumpur, Malaysia.

Reviewer**Reviewer – International Journal(s)**

- IEEE Transaction on Signal Processing
- I Concept Press publication journals
- Springer Wireless Personal Communications
- Journal of Engineering and Computer Innovations
- International Journal of Engineering and Technology
- Journal of Computer and Information Systems
- IIENG Publication Journals

Reviewer – International Conference(s)

- 9th International Conference on Robotic, Vision, Signal Processing & Power Applications (RoViSP 2016), 2 & 3, February 2016, Penang, Malaysia
- 15th International Conference on Control, Automation and Systems (ICCAS 2015), Busan, Korea, 13 – 16 October 2015
- IEEE International Circuits and Systems and Symposium (ICSyS 2015), 2 – 4, September 2015, Langkawi, Malaysia
- 4th IEEE International Conference on Computer Science and Information Technology, 10 - 12, June 2011 Chengdu, China.
- 3rd International Conference on Mechanical and Electrical Technology (ICMET 2011), 26 – 27 August 2011, Dalian, China.
- 5th IEEE International Conference on Intelligent and Advanced Systems (ICIAS 2014), 3 – 5 June 2014, Universiti Teknologi, PETRONAS, Malaysia.
- International Conference on Communication, Radar and Computing (ICCRC 2012), 21 – 22, December 2012, Tiruvannamalai, India
- IEEE International Conference on Machine Learning and Cybernetics (ICMLC 2011), 10 – 13 July 2011, Guilin, China
- 52nd IEEE International Midwest Symposium on Circuits and Systems (MWSCAS 2009), 2 – 5, August 2009, Cancun, Mexico
- 3rd IEEE International Conference on Intelligent & Advanced Systems (ICIAS2007), Universiti Teknologi, 25-28, November 2007, PETRONAS, Malaysia.

22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental programme
- b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories, Industry, other agencies

Courses	2015-2016		2014-15		2013-14		2012-13	
	I	O	I	O	I	O	I	O
UG	96	4	98	2	100	-	100	-
PG	-	-	100	-	100	-	-	-

I – Inter departmental

O – Research Laboratories, Industry, Other agencies

23. Awards, Recognitions received by faculty and students

Faculty

S.No.	Name of Faculty	Academic Year	Award / Recognitions
1	Dr. P. Prakasam	2015-2016	Active participant of Indian Red Cross Society – IRCS, Coimbatore Branch, Platinum Jubilee.
2	Dr. P. Prakasam		Certificate of award for publishing 16 papers in various International Journals.
3	C. R. Rathish		Certificate of award for publishing a paper in International Journal of Applied Engineering Research.
4	V. Velumani		Certificate of award for securing 100% result in the paper Environmental Science and Engineering.
5	M. Archana		Certificate of award for securing 100% result in the paper Professional Ethics & Engineering.
6	M. Ramya		Certificate of award for securing 95.83% result in the paper Digital Signal Processing.
7	S. Sivaramakrishnan		Certificate of award for securing 95.83% result in the paper Wireless Communication.
8	M. Archana		Certificate of award for organizing Mobile Servicing Workshop.
9	S. Keerthi		Certificate of award for organizing Mobile Servicing Workshop.
10	M. Archana		Certificate of award for organizing Essentials of Networking Workshop.
11	S. Keerthi		Certificate of award for organizing Essentials of Networking Workshop.
12	C. R. Rathish	2014-2015	95% Above Result – Shield and Certificate
13	C. R. Rathish		INDIA RECORDS ACADEMY – Clinic Plus Gateway at Codissia Trade Fair Complex, Coimbatore.
14	C. R. Rathish		ELITE World Records, Event of the Youth – Vivekanandas Ideal at CODISSIA Trade Fair

			Complex, Coimbatore
15	C. R. Rathish		TAMILAN BOOK of RECORDS – Clinic Plus Gateway at Codissia Trade Fair Complex, Coimbatore.
16	T. Kowsalya	2013-2014	100% Result – Shield and Award
17	P.Archana		100% Result – Shield and Award
18	S. Udhayakumar		95% Above Result – Shield and Certificate
19	S. Udhayakumar		100% Result – Shield and Award
20	S. Udhayakumar		96% Above Result – Shield and Certificate
21	R. Padmavathy		100% Result – Shield and Award
22	S.K. Pravinkumar		95% Above Result – Shield and Certificate
23	R. Sathish		95% Above Result – Shield and Certificate
24	M. Ramya		100% Result – Shield and Award
25	P. Vidya		100% Result – Shield and Award
26	Nataraj.N.A		100% Result – Shield and Award
27	S.	2012-2013	100% Result – Shield and Award
28	J. Jeyamani		95% Above Result – Shield and Certificate
29	S.K.Pravinkumar		100% Result – Shield and Award
30	T. Kowsalya		100% Result – Shield and Award
31	Ashwini.G.R		98% Above Result – Shield and Certificate
32	Jaicinthiya.J		100% Result – Shield and Award
33	Pravinkumar.S.K		100% Result – Shield and Award

Students

S.No.	Name of Student	Academic Year	Award / Recognitions
1	S. Vinolin Mercy		I prize in the National level technical symposium asumen 2K16, Kongu Engineering College.
2	S. Sophia Cerin		III prize in the InfoQuest' 16, Government College of Technology.
3	R. Tharani		III Place in Badminton (women), KICS' 15 held at Kumaraguru college of technology, Coimbatore.
4	K. Jothi Lakshmi		III Place in Volley Ball, KICS' 15 held at Kumaraguru college of technology, Coimbatore.
5	Naveen Kumar		II Place in 3 rd Novices Mr. Coimbatore 2016, District Body Building Championship in 60kgs, held at Nallayan Community Hall, Coimbatore.
6	T. S.Kavyalakshmi		Runner in Throw Ball, United Institute of Technology.
7	K.Kanikaparameshwari		Winner in Throw Ball, United Institute of Technology.
8	Swetha		II place in 200m (women), United Institute of Technology.
9	S. Swetha		Runner in Throw Ball, United Institute of Technology.
10	Ramya		I place in 200m (women), United Institute of Technology.

11	Ramya	2015 - 2016	Runner-up in Tennikoit Double's, United Institute of Technology.
12	Ramya		Runner-up in Tennikoit singles, United Institute of Technology.
13	A. Kowsika		Best Outgoing Student of the Batch, United institute of Technology.
14	S. Savithri		Star performer for II semester, United Institute of Technology.
15	Y. Shabnam		Star performer for III semester, United Institute of Technology.
16	V. Keerthi		Star performer for IV semester, United Institute of Technology.
17	J. D. Shara		Star performer for V semester, United Institute of Technology.
18	A. Pavithra		Star performer for V semester, United Institute of Technology.
19	M. A. Rema Krishna		Star performer for V semester, United Institute of Technology.
20	A. Kowsika		Star performer for VI semester, United Institute of Technology.
21	P. Gayathri		Star performer for VII semester, United Institute of Technology.
22	A. Vinitha		Appreciation for banging I prize in Paper Presentation at Kongu Engineering College at Annual day function in United Institute of Technology.
23	S. Vinolin Mercy		Appreciation for banging I prize in Paper Presentation at Kongu Engineering College at Annual day function in United Institute of Technology.
24	D. Angel Judith		Special achievements for banging III price in Volley Ball
25	K. Jothi Lakshmi		Special achievements for banging III price in Volley Ball held at Kumaraguru college of Technology.
26	A. Pavithra		Special achievements for banging I price in Utsav'16.
27	M. Saraladevi		Special achievements for banging I price in B-quiz at CIT & in Utsav'16 for Four Pic One Word evet.
28	M. Srinivasan		Special achievements for banging III price Tamil Mandram, United Institute of Technology.
29	P. Narendiran		Special achievements for banging III price Tamil Mandram, United Institute of Technology.
30	A. Vignesh Kumar		Social Performer award, United Institute of Technology.
31	M. Sarala Devi		I place in the event Four pic one word in the national level technical symposium, UTSAV'16

			United Institute of Technology.
32	Tamil Arasan		I place in the event Circuit Debugging, Engineer's Day Celebration, Dept of ECE, United Institute of Technology.
33	M. Angel		II place in the event Circuit Debugging, Engineer's Day Celebration, Dept of ECE, United Institute of Technology.
34	D. Ragul Raja		I place in the event Technical Quiz, Engineer's Day Celebration, Dept of ECE, United Institute of Technology.
35	S. Aravind		I place in the event Technical Quiz, Engineer's Day Celebration, Dept of ECE, United Institute of Technology.
36	Dharani S. Das		BSNL Gold Certified Engineer.
37	Pavithra. R		BSNL Gold Certified Engineer.
38	R. Saranya		II Prize in paper presentation, Karpagan College of Engineering
39	R. Balamuralikrishna		Cash and II Prize in iInnovate state level advance technology business plan competition.
40	R. Boopathy		Cash and II Prize in iInnovate state level advance technology business plan competition.
41	B. Loganathan		II Prize in Aerospace Prototype Modeling and Facbrication Competition
42	Reshma Sulthana		II Prize in Aerospace Prototype Modeling and Facbrication Competition
43	Preethaa		II Prize in Aerospace Prototype Modeling and Facbrication Competition
44	P. Gayathri	2014 - 2015	Star Performer Award – Annual day, United Institute of Technology.
45	J. Aarthi		Star Performer Award – Annual day, United Institute of Technology.
46	V. Poongothai		Best Outgoing Student Award – Annual day, United Institute of Technology.
47	V. Pavithra		Best Outgoing Student Award – Annual day, United Institute of Technology.
48	A.Lissy		III Prize in Volleyball tournament, Adithya Institute of Technology.
49	R. Tharani		III Prize in Badminton , Zonal Tournament.
50	R. Dinesh Kumar		Runner in Football Tournament, GCT.
51	Kiran		Runner in Football Tournament, GCT.
52	Gopikrishnaa		Runner in Football Tournament, GCT.
53	S.P. Shanmugha Rajan		Runner in Football Tournament, GCT
54	B. Viswanathan		ELITE World Recods, Event of the Youth – Vivekanandas Ideal at CODISSIA Trade Fair

			Complex, Coimbatore
55	M. U. Sajith		Social Performer Award – Annual day, United Institute of Technology.
56	V. Poongothai		Star Performer Award – Annual day, United Institute of Technology.
57	B.M. Ramya	2013	Winner in Zonal Level Robotics Competition, NRC India.
		-	
58	K. Mathumathi	2014	Winner in Zonal Level Robotics Competition, NRC India.
59	S. Pavithra		Winner in Zonal Level Robotics Competition, NRC India.
60	A. Viswanathan		Winner in Zonal Level Robotics Competition, NRC India.
61	B. Loganathan		Winner in Zonal Level Robotics Competition, NRC India.
62	S.Rasika priya		III Prize in Paper Presentation, Excel College of Technology
63	R. R. Reshme		III Prize in Paper Presentation, Excel College of Technology
64	R. Mukesh		II Prize in Electronic Jam, Adithya Institute of Technology.
65	V. Deepika		II Prize in Technical Quiz, Kalaignar Karunanidhi Institute of Technology.
66	V. Dharani		I Prize in Technical Quiz, Kalaignar Karunanidhi Institute of Technology.
67	V. Keerthilakshmi		I Prize in Technical Quiz, Kalaignar Karunanidhi Institute of Technology.
68	Samyuktha. I		III Prize in Ge-Si Galatta, GCT
69	Sowmya. R		III Prize in Ge-Si Galatta, GCT
70	S. Rasika Priya		III Prize in Circuit Debugging, Sri Ramakrishna Engineering College.
71	R. R. Reshme		III Prize in Circuit Debugging, Sri Ramakrishna Engineering College.
72	V. Deepa		Star Performer Award – Annual day, United Institute of Technology.
73	A. Kowsika		Star Performer Award – Annual day, United Institute of Technology.
74	S. Pavithra		Star Performer Award – Annual day, United Institute of Technology.
75	Dharani S. Das		Star Performer Award – Annual day, United Institute of Technology.
76	V. Pavithra		Star Performer Award – Annual day, United Institute of Technology.
77	Jasmin		Star Performer Award – Annual day, United Institute of Technology.

78	S. Sowmiya	Star Performer Award – Annual day, United Institute of Technology.
79	Rema Krishnan	Star Performer Award – Annual day, United Institute of Technology.
80	R. Pavithra	Star Performer Award – Annual day, United Institute of Technology.
81	A. Kowsika	Star Performer Award – Annual day, United Institute of Technology.
82	Jasmin	Best Outgoing Student Award – Annual day, United Institute of Technology.
83	B.Loganathan	I Prize in Silambattam, Event of the Youth – Vivekananda’s ideal at CODISSIA.
84	K. Vignesh	District Winner in Chess, Rotract District Council 13-14
85	K. Vignesh	III Prize in Chess, Sri Ramakrishna Engineering College.
86	K. Vignesh	State Level 7 th Rank, STAR Chess Academy, Affiliated to Coimbatore Dist., Chess Association
87	K. Vignesh	III Prize in 400 meters, Rotract District Council 13-14
88	S. Pavithra	1 st Rank Holder, United Institute of Technology.
89	B.M. Ramya	III Prize in 4 x 100 Relay, United Institute of Technology, Annual Sports Day.
90	S. Ramya	II Prize in 800 Meters, United Institute of Technology, Annual Sports Day.
91	S. Ramya	III Prize in 100 Meters, United Institute of Technology, Annual Sports Day.
92	S.Ramya	Runner in Ball Badminton, United Institute of Technology, Annual Sports Day.
93	K. M. Preethaa	III Prize in Short Put, United Institute of Technology, Annual Sports Day.
94	K. M. Preethaa	III Prize in Discuss Throw, United Institute of Technology, Annual Sports Day.
95	K. M. Preethaa	Runner in Ball Badminton, United Institute of Technology, Annual Sports Day.
96	A.Lissy	II Prize in Discuss Throw, United Institute of Technology, Annual Sports Day.
97	A.Lissy	I Prize in Short Put, United Institute of Technology, Annual Sports Day.
98	Pavya. D	Winner in Kho-Kho, United Institute of Technology, Annual Sports Day.
99	A.M. Ramya	Runner in Ball Badminton, United Institute of Technology, Annual Sports Day.

100	B.M Ramya	2012 - 2013	I Prize in Speech Competition, Tamilnadu Electricity Board, Coimbatore.
101	V. Poongothai		Star Performer Award – Annual day, United Institute of Technology.
102	Sasmitha Lincy		Star Performer Award – Annual day, United Institute of Technology.
103	Dharani S. Das		Star Performer Award – Annual day, United Institute of Technology.
104	Jasmin		Star Performer Award – Annual day, United Institute of Technology.
105	M. Kalaiyarasi		Star Performer Award – Annual day, United Institute of Technology.
106	M. Kalaiyarasi		Best Outgoing Student Award – Annual day, United Institute of Technology.
107	A.Sowmiya		II Prize in Triple Jump, United Institute of Technology, Annual Sports Day.
108	S. Rasika Priya		III Prize in 4 x 100 meters, United Institute of Technology, Annual Sports ay.
109	A.Lissy		Winner in Volley Ball, United Institute of Technology, Annual Sports Day.
110	A.Lissy		Runner in Ball Badminton, United Institute of Technology, Annual Sports Day.
111	A.Lissy		II Prize in 4 x 100 Relay, United Institute of Technology, Annual Sports Day.
112	A.Lissy		II Prize in Shot-put, United Institute of Technology, Annual Sports Day.
113	A.Lissy		Winner in Tennikoit United Institute of Technology, Annual Sports Day.
114	B.M. Ramya		Winner in Ball Badminton (Doubles), United Institute of Technology, Annual Sports Day.
115	B.M. Ramya		Winner in Ball Badminton (Singles), United Institute of Technology, Annual Sports Day.
116	Dharani		II Prize in 400 meters, United Institute of Technology, Annual Sports Day.
117	M.R. Reshma Sulthana	Runner in Kho-Kho, United Institute of Technology, Annual Sports Day.	

24. List of eminent academicians and scientists. visitors to the department

Academic Year	Name of the Academicians / Scientists	Institution / Industry	Date	Purpose of Visit
	N.S.R.S Narayana murthy	Cognizant Technology Solutions,Pvt.Ltd, Coimbatore	17.08.2012	Association Inaugural function

2012- 13	Dr.D.Natarajan	Bannari Amman Institute of Technology, Sathyamangalam.	22.08.2012	Guest Lecture on Embedded Systems
	Mr.V.R.Vijayakumar	Anna University Regional Center, Coimbatore.	29.08.2012	Guest Lecture on Image Processing
	Mr.S.Thamraikannan	Virtual Technologies, Coimbatore.	05.09.2012	Guest Lecture on VLSI
	Mr.P.Balaji	Robert Bosch Pvt,Ltd Coimbatore.	13.09.2012	Guest Lecture on Embedded Systems
	Mr.R.Karthikeyan	HCLTechnologies,Ltd Chennai	03.10.2012	Guest Lecture on Networking
	Mr.N.Masilamani	Volvo India Pvt,Ltd, Bangalore.	24.12.2012	Mainframe
	Mr.C.Vinoth	Murugappas Group Pvt, Ltd, Coimbatore.	03.01.2013	E-Commerce
	Mrs.H.Mangalam	Sri Krishna College of Engineering and Technology, Coimbatore.	24.01.2013	Recent Trends in VLSI
	Mr.Timothy Samson	Mahindra Satyam, Chennai.	18.03.2013	National Level Technical Symposium
2013-14	Mr.R.Doraiswamy	Salzer Electronics Ltd, Periyanaickenpalayam, Coimbatore.	06.01.2014	Signing of MOU
	Mr.D.Thanuj Gopal	Rockman Industries Pvt.Ltd	10.01.2014	SAP
	Dr.V.R.Vijayakumar	Anna University Regional Center, Coimbatore	26.02.2014	National Level Conference
	Mr.P.Balaji	Robert Bosch Pvt,Ltd Coimbatore.	28.02.2014	Advanced Embedded Systems
	Mr.R.Rajkumar	Ford Pvt Ltd, Chennai.	01.03.2014	Instrument Cluster
	Mr.P.Manikandan	Ericson Pvt,Ltd Bangalore.	04.03.2014	Networking
	Mr.R.Karthikeyan	HCLTechnologies,Ltd Chennai	05.03.2014	Recent Trends in Networking
	Mr.S.Thamraikannan	Virtual Technologies, Coimbatore.	21.03.2014	Microwind in VLSI
	Dr.D.Natarajan	Bannari Amman Institute of Technology, Sathyamangalam.	26.03.2014	Association Inaugural function
	Mr.C.Vinoth	Murugappas Group Pvt, Ltd, Coimbatore.	29.03.2014	Retail Marketing
	Mr.G.SivaKumar	ALSTOM Pvt, Ltd, Coimbatore.	07.02.2015	National Level Technical Symposium
	Mr.T.Prem Chandar	Cognizant Technology Solutions,Pvt.Ltd,	09.07.2014	Software Testing

2014-15		Coimbatore		
	Mrs.T.Suganya	Cognizant Technology Solutions,Pvt.Ltd	23.07.2014	Software Testing
	Mr.B.Ramprasad	Ernst & Young GSS, Kerala.	05.08.2014	Supply Chain Management
	Mr. T.Selvashankar	Cognizant Technology Solutions, Pvt, Ltd, Coimbatore.	19.08.2014	Main Frame
	Mr.P.Balamurugan	General Electric India Pvt Ltd, Coimbatore.	26.08.2014	Medical Instruments
	Mr.S.Thamarai kannan	Virtual Technologies, Coimbatore.	17.09.2014	Recent Trends in VLSI
	Mr.P.Balaji	Robert Bosch Pvt, Ltd Coimbatore.	09.01.2015	Autonomous Vehicle
	Mr.K.Silambarasan	Embedtronics, Coimbatore.	28.01.2015	ARM Processor
	Dr.D.Natarajan	Bannari Amman Institute of Technology, Sathyamangalam.	04.02.2015	Association Inaugural function
2015 - 2016	Mr.V.Velmurugan	DYC / AD Nehru Yuva Kendra, Ministry of Youth Affairs and Sports	10.09.2015	SPARTA 2015
	Mr.B.Krishna Kumar	Director, New Technologies	17.02.2016	Mobile Servicing
	Mr.Baldev Krishnamoorthy	a2b2 solutions	29.02.2016	Internet Protocol IP v6

25. Seminars.Conferences.Workshops organized & the source of funding

a) National b) International

Year	Seminars.Conferences	N/ I	Title	Date	Funding Agencies
	Guest Lecture	N	Soft skills	17.08.2012	UIT
	Workshop	N	National Level Workshop on Wired and Wireless Networks Design using NS-3 and Wireless Networks Design using NS-3	31.08.2012 - 01.09.2012	AECE
	Workshop	N	National Level Workshop on circuit simulation and PCB Design using Pspice and EDA Tools.	06.09.2012 - 07.09.2012	AECE
	Workshop	N	National Level Workshop on Circuit simulation and PCB Design using EDA Tools	10.09.2012 - 11.09.2012	AECE
	Paper Presentation	N	Embedded Systems	13.09.2012	AECE
	Seminar	N	Image Processing	15.09.2012	UIT

2012-13	Paper Presentation	N	Embedded Systems	24.12.2012	AECE
	Presentation	N	Project Presentation	27.12.2012	AECE
	Seminar	N	MASM Software	03.1.2013	UIT
	Seminar	N	Keil-uvision software	07.1.2013	UIT
	symposium	N	ECE Symposium SPONTANZ 13	18.03.2013	AECE
2013-14	Workshop	N	PCB Design	22.01.2014	AECE
	Presentation	N	Project Presentation	27.01.2014	AECE
	Seminar	N	Embedded Systems in Robotics	05.02.2014	UIT
	Special Lecture	N	Network security	28.01.2014	UIT
	National Level Conference	N	Emerging Trends in VLSI	26.02.2014	AECE
	Paper Presentation	N	Wireless Networks Using NS-2 Simulator	03.03.2014	AECE
	Seminar	N	Recent trends in Image Processing	07.03.2014	UIT
	Presentation	N	Segmentation in Image Processing	10.03.2014	AECE
	Seminar	N	Antennas and its Applications	18.03.2014	UIT
	Presentation	N	Career Development	24.03.2014	AECE
	Guest Lecture	N	Analog and Digital VLSI Design system	02.04.2014	UIT
2014-15	Workshop	N	Internet Protocol IPv6	03.06.2014	AECE
	Seminar	N	Advanced Microprocessors and Microcontroller	10.06.2014	UIT
	Presentation	N	Computer Networks	19.06.2014	AECE
	Paper Presentation	N	Electromagnetic Fields	02.06.2014	AECE
	Guest Lecture	N	Signals and Systems	09.06.2014	UIT
	Presentation	N	Project Presentation	14.07.2014	AECE
	Seminar	N	Feko Software in Antenna Design	06.08.2014	UIT
	Guest Lecture	N	How to do Research	20.08.2014	UIT
2015-16	Workshop	N	Mobile servicing by new technologies	29.02.2016 - 01.03.2016	AECE
	Workshop	N	Networking by a2b2 solution	29.02.2016 - 01.03.2016	AECE
	Workshop	N	Mobile servicing by new technologies	17.02.2016 - 18.02.2016	AECE

26. Student profile programme.course wise:

UG: B.E – ECE

Name of the Course programme	Batch	Application Received	Selected	Enrolled		Pass percentage (within the minimum period)
				M	F	
B.E	2009-13	65% of students are admitted through single window system by Anna University Chennai and another 35% are admitted through Single Window system organized by Consortium of Engineering Colleges	58	30	28	84.48%
B.E	2010-14		65	35	30	75.38%
B.E	2011-15		112	69	43	68.75%
B.E	2012-16		99	67	42	72.79% (upto 7 th sem.)
B.E	2013-17		96	35	61	65.31% (upto 5 th sem.)
B.E	2014-18		64	18	46	54.69% (upto 3 rd Sem.)

M = Male F = Female

PG: M.E – VLSI DESIGN

Name of the Course programme	Batch	Application Received	Selected	Enrolled		Pass percentage (within the minimum period)
				M	F	
M.E	2012-2014	65% of students are admitted through single window system by Anna University Chennai and another 35% are admitted through Single Window system organized by Consortium of Engineering Colleges	12	5	7	91.60%
M.E	2013-2015		16	2	14	93.75%

M = Male F = Female

27. Diversity of Students

UG: B.E – ECE

Name of the Course programme	Batch	% of students from the same state	% of students from other States	% of students from abroad
B.E – ECE	2010-14	98.47	1.54	-
	2011-15	99.11	0.89	-
	2012-16	100	0	-
	2013-17	97.92	2.08	-
	2014-18	93.94	6.25	-

PG: M.E – VLSI DESIGN

Name of the Course.programme	Batch	% of students from the same state	% of students from other States	% of students from abroad
M.E	2012-2014	100	-	-
	2013-2015	100	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Competitive Examination	2013-14	2014-15	Total
MAT	-	1	1
CMAT	-	1	1
TOEFL	1	-	1

29. Student progression

Student progression		2012-13	2013-14	2014-15	2015-16
UG to PG		8	4	1	-
Campus selection Employed	On campus	52	32	100	63
	Off campus	1	6	15	21

30. Details of Infrastructural facilities

a) Central Library

S.No.	Description	Quantity in Numbers	
1.	Books for students circulation	Titles	803
		Volume	9007
2.	Technical Journals	National	10
		International	6
		E –Journals	JGATE
3.	Technical Magazines Subscribed	-	
4.	News Papers	8	
5.	Educational CDs (CBTs)	250	

b) Department Library

S.No.	Description	Quantity in Numbers	
1.	Department Library for Reference	Titles	370
		Volume	422
2.	Project Books (UG)	Titles	77
3.	Project Books (PG)	Titles	29

c) Internet facilities for Staff & Students

S.No.	Description	Quantity in Numbers
1.	Computer	91
2.	Computer with internet facilities	71
3.	Band width	14 Mbps

4.	Network facilities for all computers	71
5.	Printers	4
6.	Scanner	1

d) Class rooms with ICT facility

S.No.	Description	Number of rooms
1.	Class room with board	6
2.	Class room with projector	3
3.	Class room with ICT facilities	3

e) Laboratories

Name of Laboratory: **Communication Systems Laboratory**

Area : 66 (Sq m)

S.No.	Name of Equipment	Quantity	Cost(Rs)
1	Amplitude mod & demodulation kit	2	20590
2	Delta adaptive and DSD kit	2	44200
3	Frequency mod and FSK generation kit	2	20590
4	Automatic gain control kit	2	23550
5	DSB-SC mod and demodulation kit	2	25000
6	Carrier mod and data formatting kit	2	47060
7	Carrier demod and data reformatting kit	2	47060
8	Phase lock loop kit	2	6600
9	Pre-emphasis and de-emphasis	2	6770
10	Pulse width modulation kit	2	14720
11	Pulse code modulation kit	2	25000
12	Analog Sampling Reconstruction Kit	2	29440
13	Frequency mod and demodulation kit	2	30900
14	Digital storage oscilloscope	13	370500
Total Cost			711980

Name of Laboratory: **Microwave & Optical Engineering Laboratory**

Area : 66 (Sq m)

S.No.	Name of Equipment	Quantity	Cost(Rs)
1	Optical Trainer kit with BER module	3	135000
2	LED module with FOPM-101	2	117000
3	Bench mark SMC	1	123750
4	NVIS NV 9000 Microwave Test Bench (Klystron)	3	166500
5	NVIS NV 9001 Microwave Bench (Gunn Diode)	2	97000
6	NVIS 9002 Microwave Bench (Antenna Setup)	1	68000
7	Matched Termination, E plane & H plane Tee, Magic Tee, Fixed Short and Multi hole directional coupler	1	19700
8	Digital Multimeter	5	3000
9	Analog Oscilloscope	2	29600
10	Digital Storage Oscilloscope	3	51000
Total Cost			810550

Name of Laboratory: **Microprocessor & Microcontroller Lab**

Area : **66 (Sq m)**

S.No.	Name of Equipment	Quantity	Cost(Rs)
1	8085 μ p KIT	15	84100
2	8086 μ p KIT	15	139850
3	8051 μ c KIT	24	182236
4	8255 Interface Kit	5	13745
5	8279 Interface Kit	5	15480
6	8251&8253 Interface Kit	5	11680
7	Stepper Motor Interface Kit	6	26930
8	8259 Interface Kit	5	15650
9	Traffic Light Kit	5	6935
10	ADC	5	12750
11	DAC	5	14890
12	Dc Motor Interface Kit	7	48412
13	Pic Trainer Kit	2	44950
14	Elevator Controller Kit	1	12380
15	Train Model Board	1	11235
Total Cost			641223

Name of Laboratory: **Digital Electronics Laboratory**

Area : **66 (Sq m)**

S.No.	Name of Equipment	Quantity	Cost(Rs)
1	Digital Trainer Kit	19	181800
2	Digital IC Tester	02	23000
3	Multimeter	07	4950
4	Fixed Power Supply	10	14000
Total Cost			223750

Name of Laboratory: **Linear Integrated Circuits Laboratory**

Area : **66 (Sq m)**

S.No.	Name of Equipment	Quantity	Cost(Rs)
1	Function Generator	21	172100
2	CRO (30MHz)	9	159200
3	Fixed Power Supply (+.-12V & +.- 5V)	15	19500
4	Digital Multimeter	14	9600
5	Voltmeter	15	10575
6	Ammeter	30	20910
7	Analog IC Tester	1	18500
Total Cost			410385

Name of Laboratory: **Circuits & Devices Laboratory**

Area : **66 (Sq m)**

S.No.	Name of Equipment	Quantity	Cost(Rs)
1	Single Power Supply (0-30) V	10	49000
2	DSO	6	148000
3	Analog Multimeter	4	2800
4	Dural RPS	22	174500
5	Voltmeter	30	21150
6	Ammeter	29	20213

7	Decade Inductance Box	1	3300
8	Decade Capacitance Box	2	4900
9	Decade Resistance Box	2	3500
Total Cost			427363

Name of Laboratory: **Embedded Systems Laboratory**

Area: **66 (Sq m)**

S.No.	Name of Equipment	Quantity	Cost
1	Smart LPC 2148 ARM Microcontroller Kit	10	65000
2	Zig Bee Module transmitter and receiver	10	10000
3	Arm evaluation Board	1	14000
Total Cost			89000

Name of Laboratory: **Electronics Laboratory**

Area : **66 (Sq m)**

S.No.	Name of Equipment	Quantity	Cost(Rs)
1	Cathode Ray Oscilloscope	9	162400
2	Digital Storage Oscilloscope	6	148000
3	Function Generator	15	221200
4	Single Regulated Power Supply	12	61000
5	Dual Regulated Power Supply	17	112860
6	Decade Resistance Box	2	4800
7	Decade Capacitance Box	1	2800
8	Decade Inductance Box	2	5800
9	Digital Multimeter	9	6600
10	Analog Multimeter	5	2750
11	DC Volt Meter	25	21250
12	AC Volt Meter	5	4250
13	DC Ammeter	107	51500
Total Cost			805210

Name of Laboratory: **Digital Signal Processing Lab**

Area : **66 (Sq m)**

S.No.	Name of Equipment	Quantity	Cost(Rs)
1	Desktop Computer (Intel Core I-3,2.3GHz, 2GB DDR3, 320GB SATA-II)	30	628082
2	DSP Processor Kit	15	360551
3	Function Generator(3 MHz)	15	127700
4	CRO(30MHz)	11	210300
5	DSO(30MHz)	3	51000
6	Printer	1	12300
7	Projector	1	38500
Total Cost			1428433

Name of Laboratory: **VLSI Lab**

Area : **66 (Sq m)**

S.No.	Name of Equipment	Quantity	Cost(Rs)
1	Desktop Computer (Intel Core i-3, 2.3GHz, 2GB DDR3, 320GB SATA-II)	30	628082
2	FPGA Kit	11	143284
3	Projector	1	38500

4	Printer	1	12300
Total Cost			822166

31. Number of students receiving financial assistance from college, university, government or other agencies

Received financial assistance		2012-13	2013-14	2014-15	2015-16	Total
Government	First Graduate	125	188	188	170	671
	SC.ST	7	17	15	13	52
	BC.MBC	7	18	69	-	94
UIT Educational Trust		18	28	51	39	136

32. Details on student enrichment programmes (special lectures, workshops, Seminar) with external experts

Academic Year	Special Lectures / Workshops / Seminar	Title	Date	External Experts
2012-13	Hands on Training	Labview Beginners Approach	15.02.2012 - 17.02.2012	Resource person from National Instrument Bangalore
	Inplant Training	Fundamentals of Telecommunication	11.06.2012 - 15.06.2012	Experts from BSNL, Coimbatore.
	Hands on Training	Embedded System Application using ARM	16.06.2012	Experts from NIT Trichy.
	Inplant Training	Wires & Cables and Energy Management	18.06.2012 - 22.06.2012	Experts from Salzer Pvt,Ltd, Coimbatore.
	Hands on Training	Digital IC Design using Cadence Tools	25.06.2012	Experts from Industry
	Inplant Training	Android	28.05.2012 - 04.06.2012	Experts from HCL Pvt,Ltd, Chennai.
	Inplant Training	Analog instruments	18.06.2012 - 22.06.2012	Experts from Universal Engineers, Coimbatore.
2013-14	Workshop	PCB Design	22.01.2014	Experts from Industry
	Hands-on Training	Embedded Systems in Real-Time Applications using Arduino Raspberry Pi	26.01.2014	Experts from Robert Bosch Pvt,Ltd. Coimbatore.
	Special Lecture	Personality Development Program	10.2.2014	Experts from AIT, Coimbatore.
	Hands-on Training	Matlab Workshop for Engineering Applications	12.02.2014	Experts from GCT, Coimbatore.
	Industrial Visit	Medical Electronics	04.02.2014	Dr.Bhakthavathsalam KG Hospital, Coimbatore.

	Special Lecture	Conclave On Internet of Things (IoT)	03.03.2014	Experts from Netcon, Coimbatore.
	Internship	Pricol Pvt,Ltd Coimbatore.	7.03.2014 - 13.3.2014	Pricol Industries Pvt,Ltd, Coimbatore.
	Inplant Training	Roots Industries Pvt, Ltd., Coimbatore	23.12.2013 - 26.12.2013	Experts from Roots Industries Pvt,Ltd, Coimbatore.
2014-15	Workshop	Internet Protocol IPv6	20.09.2014	Experts from industry
	Industrial Visit	Biosphere Nature Park	28.08.2014	Forest in Poondi
	Hands on Training	Industry Ready engineering	15.12.2014 - 17.12.2014	Experts from Sunshiv Electronics Solutions, Coimbatore.
	Industrial Visit	JVS Electronics	26.07.2014	Experts from JVS Electronics, Bangalore.
	Hands on Training	Recent Trends in VLSI	13.08.2014	Thamarai kannan, Virtual Technologies, Coimbatore.
	Special Lecture	Autonomous Vehicle	18.08.2014	P.Balaji, Robert Bosch,Pvt,Ltd, Coimbatore.
	Inplant Training	Horn systems	21.08.2014	Roots industries,Pvt,Ltd, Coimbatore.
2015 - 2016	Inplant Training	Telecommunication	01.02.2016 - 05.02.2016	BSNL
	Inplant Training	Automation	15.12.2015 - 17.12.2015	SALZER Electronics Ltd.,
	Industrial Visit	Antennas	16.03.2016	Radio Astronomy Centre, Ooty.
	Inplant Training(batch of 2 students)	Telecommunication	07.12.2015 - 11.12.2015	BSNL
	Inplant Training(batch of 2 students)	Embedded systems	01.06.2015 - 06.06.2015	Beta technologies india pvt.Ltd.
	Inplant Training(batch of 2 students)	Embedded systems	10.06.2015 - 11.06.2015	UNIQ Technologies
	Inplant Training(batch of 12 students)	SWITCHES	22.06.2015 - 26.06.2015	SALZER Electronics

33. Teaching methods adopted to improve student learning

- Black board and chalk
- White board and marker

- Power point presentation
- Multimedia presentation
- OHP
- Illustrative charts
- Special classes for lateral entry students
- NPTEL videos
- Question bank
- LMS to help understand subjects through presentations and other learning materials
- Seminars
- Class room quiz
- Tutorials for problem oriented subjects
- Industrial visits
- Implant training
- Correlating theoretical understanding with practical sessions in lab
- Mini-projects
- Hands on training through workshops

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Many of our students are active volunteers of NSS and Rotaract Club through which they serve the society in many ways.

Many student volunteers have donated blood during many emergencies.

S.No	Date	Event	Academic Year	No. of participation
1	03.08.2014	Friendship day celebration By RAC UIT	2014 - 2015	38
2	Aug 2014	Hosting IDYE to Annai karanghal at Anaikatti By RAC UIT		25
3	Aug 2014	Onam celebration By RAC UIT		34
4	Sep 2014	Eye camp for people in Anaikatti By RAC UIT		15
5	Sep 2014	Provided Dinner for students at Jeevakarunya Ashram By RAC UIT		12
6	11.10.2014	NSS activities at Thandigai Perumal Temple		28
7	01.11.2014	NSS – World’s largest school students meet at Codissia, Coimbatore		154
8	01.11.2014	NSS – Vibathu illa kovai accidental awareness camp		113
9	15.11.2014	NSS rally to promote reading habit – National library day		50
10	21.11.2014	NSS – Primary Health Center Dengu Awareness camp – Periyayanakanpalayam		49

11	12.01.2015	NSS – Polio vaccination camp		64
12	14.01.2015	Tamil Mandram - Inauguration		40
13	19.01.2015	NSS - Primary Health Center blood donation camp - Gudalur		22
14	08.06.2015	Tamil Mandram - Debate	2015 - 2016	15
15	09.08.2015	Go green – planting trees By RAC UIT		50
16	23.08.2015	Karai Ellam Azhagu By RAC UIT		07
17	29.08.2015	Paying Homage to Dr.A.P.J.Abdulkalam By RAC UIT		133
18	12.09.2015	Faces By RAC UIT		06
19	28.09.2015	Igniting Dreams By RAC UIT		150
20	10.10.2015	NSS activities at Thandigai Perumal Temple		17
21	14.10.2015	NSS – Dengue Awareness Camp – Kovanoor HSS		26
22	18.10.2015	NSS – Tree plantation		40
23	26.12.2015	Matram By RAC UIT		50
24	14.03.2016	Save Earth Go Green By RAC UIT		450
25	09.04.2016	Oli sudar By RAC UIT		100
26	21.06.2016	Make it Fit By RAC UIT		80

35. SWOC analysis of the department and Future plans

Strength

- A strong, dynamic and highly co-operative faculty team with highly potent and brilliant ideas
- Young vibrant faculty 25% of them are pursuing PhD
- Well established infra-structure and lab facilities
- A very healthy student monitoring – mentoring system is followed
- Special attention for the needy students is given through remedial teaching sessions
- Unique sessions for the student communication skills have been arranged, as students are from varying backgrounds
- Value added programs for students to do exceptionally well during placements
- Honoring best students through rewards and recognitions
- Alumni are invited to share their work experiences and industrial competencies

Weakness

- Research facility has to be enhanced which opens the door for many faculty to experiment their ideas.

- Increased publication of papers in journals by both students and faculty is to be encouraged
- Students are to be motivated to attend and excel in competitive exams like GATE, government service exams, GRE etc.
- Faculty and students are to be encouraged to actively participate in seminars, workshops, conferences.

Challenges

- Student interest have to be kindled and retained towards academics, sports, higher studies and other extra-curricular activities
- Identifying effective projects to produce useful products
- Idea of patenting the innovations has to be encouraged

Opportunities

- Book publications
- Faculty Development Programs
- Quality faculty retention
- Funded Projects

Future plans

- Organizing national and international conferences
- Improving placement opportunities in core companies
- To encourage students to become entrepreneurs

Evaluative Report of the Departments

1. **Name of the department** : Electrical and Electronics Engineering
2. **Year of Establishment** : 2009
3. **Names of Programmes, Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**

S.No.	Engineering / Technology			Year of Started
1	UG	B.E	Electrical and Electronics Engineering	2009

4. Names of Interdisciplinary courses and the departments.units involved

UG: B.E – Electrical and Electronics Engineering

Anna University, Chennai - Regulation 2008:

S.No.	Subjects	Semester	Department Involved
1	Operating Systems (IV BE EEE)	VII	Computer Science and Engineering

Anna University, Chennai - Regulation 2013:

S.No.	Subjects	Semester	Department Involved
1	Engineering Graphics	I	Mechanical Engineering
2	Engineering Practices Lab	I	
3	Basic of Civil and Mechanical Engineering	II	
4	Technical English – I	I	Science & Humanities
5	Mathematics - I	I	
6	Engineering Physics – I	I	
7	Physics and Chemistry Laboratory - I	I	
8	Engineering Chemistry – I	I	
9	Technical English - II	II	
10	Mathematics - II	II	
11	Engineering Physics – II	II	
12	Physics and Chemistry Laboratory -II	II	
13	Engineering Chemistry – II	II	
14	Transforms and Partial Differential Equations	III	
15	Numerical Methods	IV	
16	Communication and Soft Skills- Laboratory Based	V	
17	Basic of Civil and Mechanical Engineering	II	Civil Engineering
18	Environmental Science and Engineering	III	
19	Electromagnetic Theory	III	Electronics and Communication Engineering
20	Discrete Time Systems and Signal Processing	IV	
21	Microprocessors and Microcontroller	V	
22	Communication Engineering	VI	
23	Computer Programming	I	Computer Science and Engineering
24	Computer Practices Lab	I	
25	Computer Programming Lab	II	
26	Object Oriented Programming	IV	
27	Object Oriented Programming Lab	IV	

5. Annual. semester.choice based credit system (programme wise)

S.No.	Engineering / Technology			Annual.Semester Credit System
1	UG	B.E	Electrical and Electronics Engineering	Semester based Credit System

6. Participation of the department in the courses offered by other departments

UG: B.E – Electrical and Electronics Engineering

Anna University, Chennai - Regulation 2013:

S.No.	Subjects	Semester . Course	Department
1	Basic Electrical and Electronics Engineering	II.B.E	Mechanical Engineering
2	Electrical Drives and Controls	III.B.E	
3	Electrical Engineering Lab	III.B.E	
3	Basic Electrical and Electronics Engineering	II.B.E	Civil Engineering
4	Electrical Engineering and Instrumentation	III.B.E	Electronics and Communication Engineering
5	Control Systems Engineering	IV.B.E	
6	Electrical Engineering and Control Systems lab	IV .B.E	

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

Value Added Programmes			
S.No.	Industry / Institute / University	Course(s)	Duration
1	Face academy	Aptitude and Soft skills training	2012 – 2013
2	Sparkles	Aptitude and Soft skills training	2012 – 2013
3	ATMEL	Embedded System using ATMEL Microcontroller	2013 – 2014
4	United InfoTech	VAP(C,C++,JAVA)	2013 – 2014
5	Sunshiv Electronics	Industry Ready	2013 – 2014
6	BSNL	Silver certified Engineer Gold certified Engineer	2013 – 2014
7	Face academy	Aptitude and Soft skills training	2013 – 2014
8	Sparkles	Aptitude and Soft skills training	2013 – 2014
9	Six Phrase	Aptitude and Placement Training	2014 – 2015
10	United InfoTech	Value Added Programmes on Java Programming	2014 – 2015
11	ABS	Aptitude and Placement Training	2015 – 2016

8. Details of courses. programmes discontinued with reasons:

S.No.	Name of the Courses	With effect from	Reason
1	M.E (Power Electronics and Drives)	2015	Lack of admission

9. Number of teaching posts

Designation	Sanctioned	Filled
Professors	1	-
Associate Professors	2	-
Asst. Professors	8	11

10. Faculty profile with name, qualification, designation, specialization, (D.Sc..D.Litt..Ph.D. .M. Phil. etc.,)

S.No.	Name	Qualification	Designation	Specialization	No. of Years of Experience			No. of Ph.D. Students Guided for the last 4 years
					Industry	Teaching	Total	
1.	Mr.D.Karthick	M.E	Assistant Professor	Power Electronics & Drives	-	9.9	9.9	-
2	Mr.J.Sunil Kumar	M.E	Assistant Professor	Applied Electronics	0.11	8.5	9.6	-
3	Mr.M.SanthoshKumar	M.E	Assistant Professor	Power systems Engineering	-	6.10	6.10	-
4	Mr.S.Ranjith Pandi	M.E	Assistant Professor	Power Management	-	5.5	5.5	-
5	Ms.V.Saranya	M.E	Assistant Professor	Applied Electronics	0.8	5.2	5.10	-
6	Ms.V.Priya	M.E	Assistant Professor	Power Systems Engineering	-	5.3	5.3	-
7	Ms.D.Deena	M.E	Assistant Professor	Control and Instrumentation	-	4.11	4.11	-
8	Mr.S.Bharanidharan	M.E	Assistant Professor	Power Electronics & Drives	-	1.11	1.11	-
9	Mr.R.Gowtham Kumar	M.E	Assistant Professor	Power Electronics & Drives	-	0.11	0.11	-
10	Ms.S.Saranya Ananda Lakshmi	M.E	Assistant Professor	Applied Electronics	-	-	-	-
11	Ms.S.Abinaya	M.E	Assistant Professor	Power Systems Engineering	-	-	-	-

11. List of senior visiting faculty:

Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

Nil

13. Student -Teacher Ratio (programme wise)

UG: B.E – Electrical and Electronics Engineering

S.No.	Sanctioned Intake	Total Students Strength				Faculty Strength	Student - Teacher Ratio
		II Yr	III Yr	IV Yr	Total		
1	162	26	29	41	95	11	15:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Description	Sanctioned	Filled
Teaching Support Staff	2	2
Administrative staff	1	1

15. Qualifications of teaching faculty with DSc. D.Litt. Ph.D. MPhil . PG.

Qualification	Number of Faculty
Ph.D	-
Ph.D Pursuing	-
PG	11

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Nil

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:

Nil

18. Research Centre / facility recognized by the University:

Nil

19. Publications:

Journal

S.No	Name of the Faculty	Journal		Conference		Number of Publications listed in International Database	Citation Index	SNIP	SJR	Impact Factor	h-index
		N	I	N	I						
11	Dr.M.Valan Rajkumar	-	14	5	5	18	63	1.1	0	3.4	3
12	Mr.D.Karthick	-	-	1	1	-	-	-	-	-	-
13	Mr.J.Sunil Kumar	-	-	2	-	-	-	-	-	-	-
14	Mr.M.Santhosh Kumar	-	-	3	-	-	-	-	-	-	-
15	Mr.D.Karthik	-	-	1	-	-	-	-	-	-	-
16	Mr.S.Ranjith Pandi	-	-	2	1	-	-	-	-	-	-
17	Ms.D.Deena	-	1	5	4	-	-	-	-	-	-
18	Mrs.V.Priya	-	-	-	2	-	-	-	-	-	-
19	Mr.P.G.R.Karthikeyan	-	-	-	1	-	-	-	-	-	-
20	Ms.S.Saranya Ananda Lakshmi	-	-	-	1	-	-	-	-	-	-
21	Ms.S.Abinaya	-	-	1	2	-	-	-	-	-	-

N- National I - International

Monographs: Nil

Chapter in Books: Nil

Books Edited.Published: Nil

20. Areas of consultancy and income generated:

Nil

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards....

S.No.	Name of the Faculty	Member in Professional Bodies	
		National	International
1.	Mr.D.Karthick	-	IAENG, SCIEI
2.	Mr.J.Sunil Kumar	ISTE	IAENG
3.	Mr.M.Santhosh Kumar	-	IAENG
4.	Mrs.V.Saranya	-	IAENG
5.	Ms.D.Deena	-	IAENG,SCIEI

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental.programme &

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories.Industry. other agencies

Courses	2012 -2013	2013 - 2014	2014 - 2015	2015-2016
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	I	O	I	O	I	O	I	O
UG	100	-	100	-	100	-	100	-
PG	-	-	-	-	100	-	-	-

I –Inter departmental

O – Research Laboratories.Industry.Other agencies

23. Awards, Recognitions received by faculty and students:

Faculty

S.No.	Name of Faculty	Academic Year	Award /Recognitions
1	Mr.P.G.R.Karthikeyan	2015 - 2016	Appreciated with certificate for producing 96.7% result
2	Mr.D.Karthick		Appreciated with certificate for conducting Seminar
3	Mr.P.G.R.Karthikeyan		Appreciated with certificate for conducting Seminar
4	Mr.D.Karthik		Appreciated with certificate for organizing Workshop
5	Ms.V.Priya		Appreciated with certificate for organizing Workshop
6	Mr.D.Karthik		Appreciated with certificate for organizing Symposium for polytechnic students
7	Mr.S.Sathishraja		Appreciated with certificate for organizing Symposium for polytechnic students
8	Ms.V.Priya		Appreciated with certificate for organizing Symposium for polytechnic students
9	Mr.M.Santhosh Kumar		Appreciated with certificate for conducting Seminar
10	Mr.D.Karthik	2014 - 2015	Appreciated with Shield and certificate for producing 100% result
11	Mr.M.Santhosh Kumar		Appreciated with Shield and certificate for producing 100% result
12	Ms.V.Priya		Appreciated with Shield and certificate for producing 97.1% result
13	Ms.D.Deena		Appreciated with Shield and certificate for producing 98.5% result
14	Mr.D.Karthick		Appreciated with Shield and certificate for producing 100% result
15	Mr.D.Karthik	2013 -2014	Appreciated with Shield and certificate for producing 97% result
16	Ms.V.Saranya		Appreciated with Shield and certificate for producing 98% result
17	Ms.D.Deena		Appreciated with Shield and certificate for producing 100% result
18	Mr.D.Karthik		Appreciated with Shield and certificate for organizing Workshop

Students

S. No.	Name of Student	Academic Year	Award /Recognitions
1	J.Sangavi	2015 - 2016	Represented as member in Anna University Hockey Team in 2015 at University of mysore.
2	Sarath S Kumar		Best Outgoing student
3	Jemi.R		Star Performer of the year
4	Linkanth Surya.B		Star Performer of the year
5	Bharathi.V		Star Performer of the year
6	Bharathi.V		Star Performer of the year
7	Sathish.R		Star Performer of the year
8	Sunitha.I		Star Performer of the year
9	Sridevi.P		Star Performer of the year
10	Sarath S Kumar		Star Performer of the year
11	N.Gnanakumar		II Prize in Circuit Debugging KCT – YUGAM'16
12	M.Rajkumar		II Prize in Circuit Debugging KCT – YUGAM'16
13	Sabarivasan.R		III Prize in KTM Bike race by KTM – Australia
14	Alwarappan.M		Star Social Performer of the year
15	Dinesh V	2014 - 2015	II Prize in Paper Presentation, PGP College of Engineering and Technology
16	Martin Nithin D		II Prize in Paper Presentation, PGP College of Engineering and Technology
17	Sailappa R		I Prize in Debate, CIET, Coimbatore
18	Sanjay Kumar N		I Prize in Comic Strip, CIET, Coimbatore
19	Maarc Richard G		I Prize in Last stand, Kongu Engineering College
20	Dinesh V		I Prize in Connection, PGP College of Engineering and Technology
21	Martin Nithin D		I Prize in Connection, PGP College of Engineering and Technology
22	Ramachandran M		I Prize in Hockey, Conducted by Anna University Sports Board
23	Priyanka A		Star Performer of the year
24	Priyanka A		Star Performer of the year
25	Sridevi P		Star Performer of the year
26	Sarath.S.Kumar		Star Performer of the year
27	Bharathi V		Star Performer of the year
28	Bharathi V		Star Performer of the year
29	Uma A		Star Performer of the year
30	Surya		Star Performer of the year
31	Balaji S		Best Outgoing student
32	Aravindan S		II Prize in Yoga Competition, Maha Sanketha Trust
33	Kalaiselvan S		III Place in Hockey conducted by Anna university Zonal Tournaments

34	Haffeezur Rehmen R	2013-2014	Star Social Performer of the year
35	Karthick M		III Prize in R&D Events, United Institute of Technology
36	Chitra.C		I Prize in Paper Presentation, Sri Ranganathar Institute of Technology
37	Priyatharshini J		I Prize in Paper Presentation, Sri Ranganathar Institute of Technology
38	Chitra N		III Prize in Circuit Debugging, Sri Ranganathar Institute of Technology
39	Priyatharshini J		III Prize in Circuit Debugging, Sri Ranganathar Institute of Technology
40	Lakshminarayanan		III Prize in Formula Presentation, United Institute of Technology
41	Saravanan M		I Prize in Marketing Magnets, Conducted by Rotaract Club
42	Susil Aravinth A		III Prize in Best Engineer, United Institute of Technology
43	Sailappa.R		ELITE World Records, Event of the Youth – Vivekanandas Ideal at CODISSIA Trade Fair Complex, Coimbatore
44	Anisha Chettri		ELITE World Records, Event of the Youth – Vivekanandas Ideal at CODISSIA Trade Fair Complex, Coimbatore
45	Shobana A		ELITE World Records, Event of the Youth – Vivekanandas Ideal at CODISSIA Trade Fair Complex, Coimbatore
46	Alwarappan		ELITE World Records, Event of the Youth – Vivekanandas Ideal at CODISSIA Trade Fair Complex, Coimbatore
47	Sri Gowtham.R		ELITE World Records, Event of the Youth – Vivekanandas Ideal at CODISSIA Trade Fair Complex, Coimbatore
48	Sanjuka A		ELITE World Records, Event of the Youth – Vivekanandas Ideal at CODISSIA Trade Fair Complex, Coimbatore
49	Abiraj		ELITE World Records, Event of the Youth – Vivekanandas Ideal at CODISSIA Trade Fair Complex, Coimbatore
50	Vignesh N		ELITE World Records, Event of the Youth – Vivekanandas Ideal at CODISSIA Trade Fair Complex, Coimbatore
51	Sreejith M		ELITE World Records, Event of the Youth – Vivekanandas Ideal at CODISSIA Trade Fair Complex, Coimbatore
52	Ramya K		ELITE World Records, Event of the Youth – Vivekanandas Ideal at CODISSIA Trade Fair Complex, Coimbatore
53	Susil Aravinth A		ELITE World Records, Event of the Youth – Vivekanandas Ideal at CODISSIA Trade Fair Complex, Coimbatore
54	Priyanka A	ELITE World Records, Event of the Youth –	

			Vivekananda's Ideal at CODISSIA Trade Fair Complex, Coimbatore
55	Poornima R		Star Performer of the year
56	Balaji S		Star Performer of the year
57	Kohila S		Star Performer of the year
58	Swetha Chandran K		Star Performer of the year
59	Alwarappan	2012 - 2013	I Prize in Paper Presentation, United Institute of Technology
60	Poornima R		III Prize in Paper Presentation, Sri Ramakrishna Engineering College
61	Poornima R		III Prize in Paper Presentation, Sri Guru Institute of Technology
62	Ashish Beeva Vargeese		III Prize in Paper Presentation, Sri Ramakrishna Engineering College
63	Harisudarsan		I Prize in Paper Presentation, Sri Guru Institute of Technology
64	Selvakumar R		III Prize in Relay, Conducted by Anna University Sports Board
65	Lakshminarayanan		I Prize in Idea Presentation, Conducted by Rotaract Club
66	Arun R		I Prize in Cricket, Conducted by United Institute of Technology

24. List of eminent academicians and scientists. visitors to the department

Year	Name of the Academicians & Scientist	Institution / Industry	Date	Purpose of visit
2012 - 2013	Mr.S.Antonyraj	Managing Director, Wind Care India (P) Ltd, Coimbatore.	04.09.2012	EEE Association Inauguration and Guest Lecture on Recent trends in Electrical Engineering
	Mr.S.Saravanakumar	Senior Software Engineer, Embedded Systems, Robert Bosch (Australia).		
	Mr.T.N.Siva Kumar	Director, Electronics & Control Corporation, Coimbatore.		
	Mr.B.Senthil Kumar	Project Engineer, CADD centre, Chennai.	28.02.2013	Guest Lecture on Role of software in power system
	Er.Rajamani	Executive Engineer, TANGEDCO, Kadamparai Power House.	13.03.2013	Guest Lecture on Demand side Management to meet out power crisis

2013	Mr.K.Ramesh	General Manager (HR&ADMIN), Godb Tech PVT Ltd, Chennai.	27.08.2013	EEE Association Inauguration ELEKTRA -13
	Mr.K.Senthil Viswanathan	Director, ATMEL (INDIA),	09.10.2013	Inauguration of ATMEL R&D Centre
2014	Mr.D.Duraisamy	Salzer, Coimbatore.	06.01.2014	MOU with UIT
	Mr.S.Sundaramoorthy	Managing Director, Sunshiv Electronic Solutions, Coimbatore.	08.01.2014 09.01.2014 20.01.2014 10.03.2014 11.03.2014	MOU with UIT & Hands-on training of Embedded System – PIC
2014	Dr.S.N.Deepa	Deputy Director, Centre for Affiliation, Anna University - Chennai.	12.01.2015	EEE Association Inauguration ELEKTRA -14
	Mr.G.Kamalakaran	Director & Chief Operating Officer, Kalycito InfoTech PVT Ltd, Coimbatore.	04.03.2015	EEE Symposium CRATUS' 15
2015	Mr.K.Balasubramanian	Q-Pro Consulting Engineers (P) Ltd, Chennai	30.07.2015	EEE Association Inauguration ELEKTRA-15
	Mr.V.Ragul	Senior Application Engineer, AXIS Global Automation Group of Companies, Coimbatore.	20.02.2016	Seminar on Industrial Automation and Robotics
	Mr.Krishnakumar	Director, New technologies, Coimbatore.	03.03.2016 & 04.03.2016	Workshop on Mobile Servicing
	Mr.D.Rajeshkumar	Joint Managing Director, SALZER Electronics Ltd, Coimbatore.	12.03.2016	ELECTROFEST' 16 For polytechnic students

25. Seminars. Conferences. Workshops organized & the source of funding

a) National b) International

Academic Year	Seminars/ Conferences/ Workshops	N/I	Title	Date	Funding Agencies
2012-	Seminar	N	Guest Lecture on Recent trends in Electrical Engineering	04.09.2012	EEE Association
2013	Seminar	N	Guest Lecture on Role of software in power system	28.02.2013	EEE Association

	Seminar	N	Guest Lecture on Demand side Management to meet out power crisis	13.03.2013	United Institute of Technology
2013-2014	Workshop	N	Two days summit on ATMEL XMEGA Microcontrollers	10.10.2013	EEE Association
	Workshop	N	Hands-on training of Embedded System – PIC	08.01.2014 09.01.2014 20.01.2014 10.03.2014 11.03.2014	United Institute of Technology
2014-2015	Symposium	N	EEE Symposium CRATUS' 15	04.03.2015	EEE Association
2015-2016	Seminar	N	Seminar on Industrial Automation and Robotics	20.02.2016	EEE Association
	Workshop	N	Workshop on Mobile Servicing	03.03.2016 & 04.03.2016	EEE Association
	Symposium	N	ELECTROFEST' 16 For polytechnic students	12.03.2016	United Institute of Technology, SALZER ELECTRONICS & EEE Association

N – National I – International S – Self

26. Student profile programme.course wise:

UG: B.E –EEE

Name of the Course/Programme	Batch	Application Received	Selected	Enrolled		Pass percentage (within minimum period)
				M	F	
BE – EEE	2009 - 2013	65% of students are admitted through single window system by Anna University Chennai and another 35% are admitted through Single Window system organized by Consortium of Engineering Colleges	54	47	7	66.67%
BE – EEE	2010 - 2014		69	47	22	71.01%
BE – EEE	2011 - 2015		49	45	4	48.97%
BE – EEE	2012 - 2016		62	55	7	24.6% (upto 7 th Sem)
BE – EEE	2013 - 2017		41	34	7	24.39% (upto 5 th Sem)
BE – EEE	2014 - 2018		30	20	10	48.3% (upto 3 rd Sem)

M = Male F = Female

27. Diversity of Students

UG: B.E –EEE

Name of the Course.programme	Batch	% of students from the same state	% of students from other States	% of students from abroad
B.E – EEE	2009 - 2013	96.42	3.57	-
	2010 - 2014	100	0	-
	2011 - 2015	92.59	7.40	-
	2012 - 2016	98.41	1.58	-
	2013 - 2017	93.02	6.97	-
	2014 - 2018	96.67	3.33	-

PG: M.E – PED

Name of the Course.programme	Batch	% of students from the same state	% of students from other States	% of students from abroad
ME – PED	2013 - 2015	90	10	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Nil

29. Student progression

UG: B.E - EEE

Student progression		2012-13	2013-14	2014-15	2015-16
UG to PG		4	5	-	-
Campus selection Employed	On campus	47	16	20	31
	Off campus	-	5	1	2

PG: M.E – PED

Student progression		2012-13	2013-14	2014-15	2015-16
Campus selection Employed	On campus	-	-	-	-
	Off campus	-	-	-	-
Other than campus recruitment		-	-	5	-

30. Details of Infrastructural facilities

a) Central Library

S.No.	Description	Quantity in Numbers	
1	Books for students circulation	Titles	382
		Volume	5141
2	Technical Journals	National	6
		International	6
		E –Journals	28
3	Technical Magazines Subscribed	12	
4	News Papers	8	
5	Educational CDs (CBTs)	209	

b) Department Library

S.No.	Description	Quantity in Numbers	
1	Department Library for Reference	Titles	201
		Volume	202
2	Project Books (UG)	Titles	55
3	Project Books (PG)	Titles	18

c) Internet facilities for Staff & Students

S.No.	Description	Quantity in Numbers
1	Computer	72
2	Computer with internet facilities	72
3	Band width	14 mbps
4	Network facilities for all computers	72
5	Printers	2

d) Class rooms with ICT facility

S.No.	Description	Number of rooms
1	Class room with board	3
2	Class room with projector	2
3	Class room with ICT facilities	2

e) LaboratoriesName of Laboratory: **Electrical Machines Laboratory**

Area : 200.70 (Sq.m)

S.No.	Name of Equipment	Quantity	Cost
1	DC shunt motor coupled with alternator set with control panel & patch card(with voltmeter & ammeter)	1	1,64,500
2	3 phase slip ring I.M 3HP with loading arrangement and control panel with ammeter & voltmeter with loading rheostat, inductive load & patch cords	1	82,500
3	1 phase transformer with voltmeter (3nos), ammeter(3nos), wattmeter(2nos) with autotransformer(5A), MCB, lamp load, patch cords	1	42,500
4	1 phase I.M 2HP with control panel with ammeter & voltmeter(1nos) patch cards with all machines accessories	1	49,500
5	DC shunt motor 2HP with control panel with voltmeter (1 nos) ammeter (2 nos) patch cords with drum belt with all machines accessories rheostat.	1	65,000
6	DC shunt motor 3HP, 230V, 1500rpm with brake loading arrangements and 3 point starter.	1	77,400
7	DC compound motor coupled with compound generator with base plate(with voltmeter, ammeter and patch cords)	1	98,500
8	DC compound motor coupled with loading arrangement with ammeters, wattmeters, voltmeters ,loading rheostat and patch cords	1	89,500
9	DC series motor 1HP with voltmeter(1 no's) ammeter (2 no's)	1	97,000

10	Sumpners test of single phase transformer	1	60,000
11	Hopkinsons test of DC motor generator	1	96,000
12	Swinburn's test with loading arrangement	1	71,000
13	3 phase Synchronous motor coupled with shunt Generator	1	1,25,500
14	Single phase auto transformer 15A	1	7,500
15	DC shunt generator coupled with shunt motor 3 phase loading rheostat 3kw	1	95,000
16	3 phase induction motor	1	45,500
17	Single phase auto transformer 15A	2	11,250
18	Digital Multi meter with AC/DC measurement with auto lock	5	9,750
19	Clamp meter 1000V with box	3	6,000
20	100A DC Rectifier unit, AC and DC Distribution Control panel	1	2,70,000
21	DC shunt motor coupled with series generator with control panel and patch cords	1	89,000
22	Starters:	1	44,200
	DOL	1	
	star delta starter	6	
	3 point starter	2	
23	4 point starter		
23	3 phase transformer with patch cords, with ammeter AC & AC voltmeter	1	75,500
24	Sliding wire wound rheostat 50 ohms/5A	5	12,375
25	Sliding wire wound rheostat 170 ohms/1.4 A	6	13,050
26	Sliding wire wound rheostat 400 ohms/1.1 A	15	21,937
27	LPF Watt meter 150V/5A	4	18,600
28	LPF Watt meter 250V/2.5A	2	9,750
29	Digital Stop Watch	4	2,850
30	1 KVA 1Phase Transformer	2	8,700
31	2KVA 1Phase Transformer	2	11,250
32	2KVA 3Phase Transformer	1	14,625
33	Voltmeter (meco):	15	19,125
	1)150/300/600V (MC)		
	2)150/300/600V (MI)	4	4,650
	3)150/300/600V (MI)	15	17,437

34	Ammeter (meco): 1)5/10A(MC)	9	11,812
	2)1/2A(MC)	5	6,937
	3)5/10A(MI)	10	12,000
	4)1/2A(MI)	5	6,000
35	UPF Wattmeter: 1)300V/10A	4	17,550
	2)600V/10A	6	29,250
	3)500V/10A	2	8,775
36	Ammeter MC 5/10A	6	7,875
37	Voltmeter MC 50V	4	5,100
38	Galaxy 1 phase autotransformer	2	11,250
39	3 Phase 3 HP Squirrel cage induction motor	1	23,062
40	DC Shunt Motor Coupled with 3 Phase Alternator	1	57,075
41	DC shunt motor coupled with DC compound generator	1	1,08,000
42	Knife switches SPST 32 Amps mounted in box	2	2,160
Total Cost			Rs.22,59,495.00

Name of Laboratory: **Power Electronics & Drives Laboratory**

Area : 66.88 (Sq.m)

S.No.	Name of Equipment	Quantity	Cost
1	VI Characteristics of SCR, TRIAC, MOSFET,IGBT & TRIAC (PEC 16M1-A)	2	17,650
2	Dynamic characteristics of MOSFET,BJT,IGBT with PC power cord(1no)	1	8,825
3	Dynamic characteristics of SCR, TRIAC. (VPET - 216 A)	1	8,825
4	Single phase SCR half controlled Converter (VPET- 204)	1	8,825
5	Single phase SCR fully controlled Converter (VPET- 205)	1	8,825
6	Three Phase SCR half & Fully Controlled Bridge Converter (PEC 14HV 5P)	1	33,825
7	DC-DC buck boost converter trainer(VSMPS 07A)	1	22,100
8	Single Phase IGBT Inverter (PEC16M3)	1	23,530
9	Three Phase IGBT Inverter (VPET 106A)	1	52,210
10	Resonant DC - to - DC Converter(VPET315)	1	23,530
11	Voltage and Current Commutated Chopper (PEC 14M14ch#1)	1	16,920
12	Four Quadrant Chopper (PEC 16Hv3)	1	35,300
13	Three Phase SCR half & Fully Controlled Bridge Converter (PEC 14HV 5P)	1	33,825
14	Single Phase Cyclo - Converter (PEC14M14CY)	1	19,120
15	Single Series Inverter (Single Phase) [PEC14M6]	1	13,240
16	Single Parallel Inverter (Single Phase) [PEC14M7]	1	14,710
17	3 Phase - R load	1	22,100
18	3 Phase - L Load	1	36,770

19	1 Phase Isolated Transformer 1 KVA	1	9,560
20	3Phase Isolated Transformer	1	13,980
21	DSO	5	1,42,500
22	Multimeter	2	3,740
23	MI ammeter(5.10A)	1	1,870
24	MI ammeter(10.20A)	1	1,870
25	MC ammeter(1.2A)	1	1,870
26	MC ammeter(5.10A)	1	1,870
27	Ammeter(0-20mA)	4	2,750
28	Ammeter(0-50mA)	3	1,900
29	MI voltmeter 150.300.600	1	1,870
30	MI voltmeter 150.300	1	1,870
31	Voltmeter(0-30V)	4	3,400
32	Voltmeter(0-10V)	3	1,575
33	3 phase auto transformer	1	12,670
34	Single phase SCR half & fully controlled Converter	1	20,740
35	Resonant DC - to - DC Converter	1	41,400
36	1 Phase IGBT Inverter	1	23,970
37	LCR meter	2	35,500
38	Dual RPS	1	18,000
39	Chopper, Inverter PWM controller (PEC16HV2B)	1	35,000
40	1 HP DC shunt motor with spring balance load setup with proximity sensor (PECHVACC3A)	1	29,420
41	Three phase IGBT based power module (VPET-106A)	1	36,770
42	1 HP three phase AC induction motor with spring balance load setup with proximity sensor (PECHVACC3S)	1	29,420
43	DSSPIC 4011 based controller (Micro 4011)	1	51,480
44	Three phase IGBT based power module (VPET-106A)	1	36,770
45	1 HP BLDC motor with spring balance load setup with hall sensor	1	93,755
46	Three phase IGBT based power module (VPET-106A)	1	36,770
47	1 HP DC shunt motor with spring balance load setup with proximity sensor (PECHVACC3A)	1	29,420
48	Three phase IGBT based power module (VPET-106A)	1	36,770
49	1 HP three phase AC induction motor with spring balance load setup with proximity sensor (PECHVACC3S)	1	29,420
50	VFD for induction motor	1	57,300
51	Design of SMPS	1	21,105
52	Voltage regulation of three phase synchronous generator	1	1,23,420
53	Design of UPS	1	24,880
54	Single phase power quality analyzer	1	60,995
55	3 phase IGBT power module	4	1,47,080
Total Cost			Rs.12,09,810.00

Name of Laboratory: **Power System Simulation Laboratory**

Area : 67.00 (Sq.m)

S.No.	Name of Equipment	Quantity	Cost
1	Personal computers	60	10,19,970

2	Dot matrix printer	1	12,792
3	Projector screen	1	24,500
4	Projector screen	1	12,595
5	Laser printer	2	12234
6	Collar mic	1	6,859
Total Cost			Rs.10,88,950.00

Name of Laboratory: **Object Oriented Programming Laboratory** Area: 67.00 (Sq.m)

S.No.	Name of Equipment	Quantity	Cost
1	Personal computers	60	10,19,970
2	Dot matrix printer	1	12,792
3	Projector & screen	1	24,500
4	Projector screen	1	12,595
5	Laser printer	2	12234
6	Collar mic	1	6,859
Total Cost			Rs.10,88,950.00

Name of Laboratory: **Control System Laboratory** Area: 66.88 (Sq.m)

S.No.	Name of Equipment	Quantity	Cost
1	8085 Microprocessor trainer kit	1	7,700
2	Ac servo motor position controller	1	31,150
3	Dc servo motor position controller	1	31,150
4	Process control simulator	1	23,000
5	Transfer function of dc servo motor	1	43,600
6	Transfer function of two phase ac servo motor	1	31,150
7	Tachometer	5	10,500
8	Digital multimeter	8	16,800
9	Synchro Transmitter Trainer	1	20,869
10	Personal computers	6	1,11,2000
Total Cost			Rs.3,27,919.00

Name of Laboratory: **Measurement & Instrumentation Laboratory** Area: 66.88 (Sq.m)

S.No.	Name of Equipment	Quantity	Cost
1	Maxwell bridge setup with ring specimen	1	29,800
2	Single phase energy meter trainer	1	14,500
3	ST2612 DC trainer kit	2	21,600
4	Galvanometer 30-0-30	2	1,780
5	LVDT Trainer kit	1	11,800
6	Pressure transducer trainer kit	1	22,500
7	A/D converter trainer kit	1	6,500
8	D/A converters trainer kit	1	6,500
9	Oscilloscope	2	39,600
10	Maxwell Inductance Bridge kit	1	5,750

11	Maxwell Capacitance Bridge trainer	1	6,000
12	Schering Bridge trainer	1	5,800
13	Wheatstone Bridge trainer	1	4,500
14	Kelvin Double Bridge trainer	1	5,300
15	Power measurement by two wattmeter kit	1	22,000
16	Instrumentation amplifier trainer	1	5,800
17	Transient trainer kit	1	15,800
18	Current transformer kit	1	24,500
19	Digital stop watch	1	750
20	Lamp load	2	39,600
21	Strain measurement trainer	1	8,773
22	Photo transistor trainer	1	9,839
23	Pressure management trainer	1	11,052
24	Thermocouple module	1	6,989
25	Displacement measurement trainer	1	8,768
Total Cost			Rs.3,35,801.00

Name of Laboratory: **Embedded System Laboratory**

Area : 67.00 (Sq.m)

S.No.	Name of Equipment	Quantity	Cost
1	Personal computers	6	1,06,000.00
2	Peak System IPEH-002021	1	22,785.00
3	PG 164120	1	2,678.00
4	DEMO9S12XEP100	1	2,678.00
5	STM32F4DISCOVERY	1	2,678.00
6	J-LINK EDU	1	2,678.00
7	PIC18F4480 I/P	1	2,678.00
Total Cost			Rs. 1,42,175.00

Name of Laboratory: **Engineering Practices Laboratory**

Area : 66.88 (Sq m)

S.No.	Name of Equipment	Quantity	Cost
1	Electrical ceiling fan with regulator	1	660
2	Single phase energy meter	1	750
3	Digital multimeter	10	5,500
4	Fluorescent lamp fitting with 40w bulb	5	1,875
5	Megger	1	1,950
6	Screw driver with box	13	2,256
7	Cutting plier and nose plier	12	1,890
8	Spanner set	5	1,580
9	Tong tester	2	1,300
10	Portable voltmeter 150.300.600V AC(meco)	4	9,000
11	Portable ammeter 10.20A(meco)	4	9,000
12	Lamp load 2KW	2	5,600
13	Rheostat 50W.5A	3	7,200
14	Wattmeter UPF	4	18,900
15	Digital Power factor meter	2	7,600

16	Rheostat 400W	2	3,600
17	Auto transformer	2	9,800
18	Live wire detector	1	800
19	Range finder	1	2,000
20	Decade capacitance box	2	4,900
21	Decade inductance box	2	6,600
22	Power transformer	2	13,500
23	Single phase meter 10A	1	750
24	1 way switch 6A	20	240
25	2 way switch 6A	25	378
26	1.18 wire coil	1	480
27	1.29 wire coil	1	390
28	Indicator lamp	24	339
Total Cost			Rs.1,18,838.00

31. Number of students receiving financial assistance from college, university, government or other agencies

Received financial assistance		2012-13	2013-14	2014-15	2015-16	Total
Government	First Graduate	64	75	75	68	282
	SC/ST	7	16	17	12	52
	BC/MBC	12	8	35	33	88
UIT Educational Trust		40	24	29	16	109

32. Details on student enrichment programmes (special lectures, workshops, seminar) with external experts

Year	Special Lectures / Workshops / Seminar / Association Activity	Title	Date	External Experts
2012 - 2013	Industrial Visit	Techno craft Industries, Bangalore.	10.08.2012	External Expert from Techno craft
	Industrial Visit	Shanbag Enterprises, A.C Capacitor & Ignitors for mh Lamps, Bangalore.	10.08.2012	External Expert from Shanbag Enterprises
	Industrial Visit	Kerala Electrical Engineering Co.Ltd, Mamala,Kochi	10.08.2012	External Expert from Kerala Electrical Engineering Co.Ltd,
	Industrial Visit	Automatic Electrical Ltd., Delhi.	24.08.2012	External Expert from Automatic Electrical Ltd.
	Industrial Visit	Tamilnadu Paper Limited, Karur.	18.08.2012	External Expert from Tamilnadu Paper Limited
	Industrial Visit	Nomax Electrical Steel	24.08.2012	External Expert

		Ltd.		from Nomax Electrical Steel Ltd
2013 - 2014	Industrial Visit	11 KV Substation, Kochi.	14.08.2013	External Expert from 11 KV Substation Kochi
	Industrial Visit	Rajesh.T.P, Manager, HR&Admin, Anna Aluminium Limited, Cochin.	23.08.2013	Rajesh.T.P
	Industrial Visit	Sunshiv Electronic Solution, Kovil Medu, CBE.	12.09.2013	Mr.S.Sundaramoorthy
	Technical Event	Intra –Department Fest	17.02.2014 18.02.2014	External Expert from Anna University, CBE
	Industrial Visit	TANGDECO, Othakalmandapam Substation, Coimbatore.	20.02.2014	External Expert from TANGDECO
	Industrial Visit	TANGDECO, Othakalmandapam Substation, Coimbatore.	28.02.2014	External Expert from TANGDECO
2014 - 2015	Implant Training	Thermal Power Plant	16.06.2014 to 20.06.2014	External Expert from Thermal Power Plant
	Implant Training	Sri Kannapiran Mills Limited, Mettupalayam.	16.06.2014 to 20.06.2014	External Expert from Sri kannapiran Mills Limited
	Industrial Visit	Coca-cola Company, Bangalore.	13.08.2014	External Expert from Coca-cola Company
	Implant Training	TRANSCO	15.12.2014 to 19.12.2014	External Expert from Implant Training
	Implant Training	TANGDECO	19.12.014 to 22.12.2014	External Expert from TANGDECO
	Implant Training	Southern Railways	15.12.2014 to 19.12.2014	External Expert from Southern Railways
	Industrial Visit	Radio Astronomy Centre, Ooty.	19.09.2014	External Expert from Radio

				Astronomy Centre
2015 - 2016	Implant Training	TNPL, Karur	10.06.2015 to 16.06.2015	External Expert from TNPL
	Industrial Visit	Radio Astronomy Center, Ooty	19.02.2016	External Expert from Radio Astronomy Center

33. Teaching methods adopted to improve student learning

- Learning Management Systems (LMS)
 - In this system, the course materials which are going to be taught in the classrooms will be uploaded before the lecturing session.
 - The student can login with their individual id and can know about details of the lecturing session which is going to happen in the next day.
 - After the lecturing session, the student can attend the quiz related to the topics taken and also download the course materials uploaded by the faculty for the every lecturing session
- Sem.Subject.Unit wise Question Bank.
- Define test conducted in every alternative day first hour from the question bank.
- Coaching Test will be conducted before University examinations
- Class test. Improvement test for regular. Slow learners
- Power Point Presentations
- NPTEL videos
- Industry Visit
- Interactive Lecture Session
- Separate coaching classes for Mathematics paper.
- Tutorial Hours

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

S.No	Date	Event	Academic Year	No. of participation
1	03.08.2014	Friendship day celebration By RAC UIT	2014 - 2015	38
2	Aug 2014	Hosting IDYE to Annai karanghal at Anaikatti By RAC UIT		25
3	Aug 2014	Onam celebration By RAC UIT		34
4	Sep 2014	Eye camp for people in Anaikatti By RAC UIT		15

5	Sep 2014	Provided Dinner for students at Jeevakarunya Ashram By RAC UIT		12
6	11.10.2014	NSS activities at Thandigai Perumal Temple		28
7	01.11.2014	NSS – World’s largest school students meet at Codissia, Coimbatore		154
8	01.11.2014	NSS – Vibathu illa kovai accidental awareness camp		113
9	15.11.2014	NSS rally to promote reading habit – National library day		50
10	21.11.2014	NSS – Primary Health Center Dengu Awareness camp – Periyayanakanpalayam		49
11	12.01.2015	NSS – Polio vaccination camp		64
12	14.01.2015	Tamil Mandram - Inauguration		40
13	19.01.2015	NSS - Primary Health Center blood donation camp - Gudalur		22
14	08.06.2015	Tamil Mandram - Debate		15
15	09.08.2015	Go green – planting trees By RAC UIT		50
16	23.08.2015	Karai Ellam Azhagu By RAC UIT		07
17	29.07.2015	Paying Homage to Dr.A.P.J.Abdulkalam By RAC UIT		133
18	12.09.2015	Faces By RAC UIT		06
19	28.09.2015	Igniting Dreams By RAC UIT		150
20	10.10.2015	NSS activities at Thandigai Perumal Temple		17
21	14.10.2015	NSS – Dengue Awareness Camp – Kovanoor HSS		26
22	18.10.2015	NSS – Tree plantation		40
23	26.12.2015	Matram By RAC UIT	2015 - 2016	50
24	14.03.2016	Save Earth Go Green By RAC UIT		450
25	09.04.2016	Oli sudar By RAC UIT		100
26	21.06.2016	Make it Fit By RAC UIT		80

35. SWOC analysis of the department and Future plans

Strength:

- Qualified, experienced and committed faculty members
- Well-equipped laboratories
- Well framed Student Management System
- Well maintained theory course files and lab manuals.
- Good teaching learning environment

- Better practical experience given to students through ATMEL MCU Center additional to syllabus
- Adequate motivation to involve on research activities (good support to attend workshop, FDP, conference etc.)
- University rank holder

Weakness:

- Lack of consultancy work
- More focus is required in paper publication in National and International Journals.
- Absence of Research Centre
- Lack of participation in the International level contests
- Less number research publications from faculty side

Opportunities:

- Developing of innovative products through R & D
- Scope for improving the Industry Institute interaction for better placements of students
- Utilize the alumni resources for guest lecturers and placements
- Students placements in core areas like Electrical Machines, Transmission & Distribution
- Opportunities for signing MoU with reputed core industries.

Challenges:

- Many students are weak in effective communication. This implies a great challenge in improving the pass percentage & placement
- To seek research grants from Industry –Institute collaboration
- Providing value addition to students based on the industry requirements
- Promoting awareness among society about proper usage of Electrical Energy
- Adapting to the latest technology like Smartdraw, Electrical CAD, ETAP etc.,

Future Plans:

- Getting more number of funded projects
- Initiating more professional chapters. bodies like IEEE, ISTE
- High pass percentage with more University Ranks
- Publication of more papers in national and international journals
- To conduct national and international conferences

Evaluative Report of the Department

1. **Name of the department** : Mechanical Engineering
2. **Year of Establishment** : 2009
3. **Names of Programmes, Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :**

S.No.	Engineering .Technology			Year of Started
1	UG	B.E	Mechanical Engineering	2009

4. **Names of Interdisciplinary courses and the departments.units involved :**

UG: B.E – Mechanical Engineering

Anna University, Chennai - Regulation 2013

S. No.	Subjects	Semester	Department Involved
1	Transforms and partial Differential Equations	III	Science and Humanities (Mathematics)
2	Electrical Drives and Control	III	Electrical and Electronics Engineering
3	Electrical Engineering Laboratory	III	Electrical and Electronics Engineering
4	Statics and Numerical Methods	IV	Science and Humanities (Mathematics)
5	Communication Skills Lab	VI	Science and Humanities (English)

5. **Annual. semester.choice based credit system (programme wise):**

S.No.	Engineering .Technology			Annual.Semester Credit System
1	UG	B.E	Mechanical Engineering	Semester Based Credit System as prescribed by Anna University, Chennai.

6. **Participation of the department in the courses offered by other departments:**

Anna University, Chennai - Regulation 2013

S.No.	Subjects	Semester . Courses	Department
1	Engineering Graphics	I	Science and Humanities (MECH,CSE,ECE,EEE,CIVIL)
2	Engineering Practice Laboratory	I	Science and Humanities (MECH,CSE,ECE,EEE,CIVIL)
3	Engineering Mechanics	II	Science and Humanities (MECH)
4	Computer Aided Drafting and Modeling Lab	II	Science and Humanities (MECH)
5	Basic Mechanical Engineering	II	Electrical and Electronics Engineering
6	Engineering Economics and Financial Accounting	IV	Computer Science Engineering

7. **Courses in collaboration with other universities, industries, foreign institutions, etc :**

Value Added Programme			
S.No.	Industry.Institute.University	Course(s)	Duration
1	United InfoTech	AutoCAD, Creo, CATIA & Unigraphics	2013 - 2014

8. Details of courses.programmes discontinued (if any) with reasons:

-Nil-

9. Number of teaching posts:

Designation	Sanctioned	Filled
Professors	5	2
Associate Professors	10	3
Asst. Professors	30	40

10. Faculty profile with name, qualification, designation, specialization, (D.Sc..D.Litt..Ph.D. . M. Phil. etc.) :

S.No.	Name	Qualification	Designation	Specialization	No. of Years of Experience			No. of Ph.D. Students Guided for the last 4 years
					Industry	Teaching	Total	
1	Dr. K. S. Amirthagadeswaran	Ph.D	Professor	Production Engineering	2.1	32.4	34.5	12
2	Dr. G. Bansal Rajkumar	Ph.D	Professor	Welding	1.8	12.3	13.11	-
3	D.Somasundaram	M.E	Associate Professor	Energy Engineering	6.6	6.9	13.3	-
4	C.R.Raajeshkrishna	M.E	Associate Professor	Computer Aided Design	-	10.8	10.8	-
5	D.Finney Charles	M.E	Associate Professor	CAD / CAM Engineering	-	10.0	10.0	-
6	C.M.Anand Partheeban	M.E	Assistant Professor	Manufacturing Engineering	-	7.3	7.3	-
7	P.Sathish Kumar	M.E	Assistant Professor	Product Design &	4.10	6.6	11.4	-
8	S.Om Prakash	M.E	Assistant Professor	Product Design &	0.3	6.11	7.2	-
9	R.Sivaraj	M.E	Assistant Professor	Manufacturing Engineering	-	6.10	6.10	-
10	T.Vasudevan	M.E	Assistant Professor	Computer Aided Design	-	6.5	6.5	-
11	K.Jeyaprakash	M.E	Assistant Professor	Engineering Design	2.0	6.0	8.0	-

12	C.Silambarasan	M.E	Assistant Professor	Manufacturing Engineering	2.5	5.2	7.7	-
13	K.Chinnarasu	M.E	Assistant Professor	Engineering Design	-	4.6	4.6	-
14	N.Dhayanidhi	M.E	Assistant Professor	Engineering Design	-	5.0	5.0	-
15	C.Saravanamurthi	M.E	Assistant Professor	Computer Aided Design	4.5	4.5	8.10	-
16	P.Jeevanantham	M.E	Assistant Professor	Engineering Design	-	4.3	4.3	-
17	J.Gokulanandan	M.E	Assistant Professor	CAD / CAM Engineering	9.10	4.10	14.8	-
18	R .Karthik	M.E	Assistant Professor	Manufacturing Engineering	1.11	3.6	5.5	-
19	S.Balakrishnan	M.E	Assistant Professor	Computer Aided Design	2.2	3.2	5.4	-
20	M.Gokul	M.E	Assistant Professor	Engineering Design	-	3.5	3.5	-
21	V.Manimaran	M.E	Assistant Professor	Engineering Design	-	3.6	3.6	-
22	R.Hari Prasath	M.E	Assistant Professor	Engineering Design	-	3.1	3.1	-
23	D.Thamodharan	M.E	Assistant Professor	Engineering Design	-	2.6	2.6	-
24	N.Nirmal	M.E	Assistant Professor	CAD / CAM Engineering	-	2.6	2.6	-
25	S.Pathma Sharma	M.E	Assistant Professor	Engineering Design	-	2.6	2.6	-
26	M.R.Marthandan	M.E	Assistant Professor	Energy Engineering	-	2.10	2.10	-
27	S.Meenakshi Sundaram	M.E	Assistant Professor	Advanced Manufacturing	1.0	2.6	3.6	-
28	M.Parthasarathy	M.E	Assistant Professor	Automobile Engineering	-	1.3	1.3	-
29	K.Muthusamy	M.E	Assistant Professor	CAD / CAM Engineering	-	1.6	1.6	-
30	R.Sunil Kumar	M.E	Assistant Professor	Thermal Engineering	-	1.4	1.4	-
31	G.Chandra Pandian	M.E	Assistant Professor	CAD / CAM Engineering	1.0	1.2	2.2	-
32	A.Thiyagaraj	B.E, (M.E)	Assistant Professor	Product Design &	-	1.5	1.5	-
33	N.Manikandan	M.E	Assistant Professor	Production Engineering	-	1.6	1.6	-
34	D.Deepak	M.E	Assistant Professor	CAD / CAM Engineering	-	0.11	0.11	-
35	T.Suresh Prabhu	M.E	Assistant Professor	Engineering Design	-	0.9	0.9	-
36	A.Aravinth Kumar	M.E	Assistant Professor	Lean Manufacturing	-	0.5	0.5	-

37	S.R.Kasthuri Raj	M.Tech	Assistant Professor	Manufacturing Engineering	-	0.9	0.9	-
38	T.Kathiravan	M.E	Assistant Professor	CAD / CAM Engineering	2.9	1.2	3.11	-
39	S.Ganesh Kumar	M.E	Assistant Professor	Manufacturing Engineering	-	0.11	0.11	-
40	S.Sivachidambaram	M.E	Assistant Professor	CAD / CAM Engineering	-	0.10	0.10	-
41	R.Maniyarasan	M.E	Assistant Professor	Product Design &	6.0	-	6.0	-
42	L.Jeryraj Kumar	M.E	Assistant Professor	Thermal Engineering	1.3	-	1.3	-
43	R. Vinoth kumar	M.E	Assistant Professor	CAD / CAM Engineering	1.0	-	1.0	-
44	S.Balamurugan	M.E	Assistant Professor	Internal Combustion	-	-	-	-
45	D.Sarathkumar	M.E	Assistant Professor	Engineering Design	-	-	-	-

11. List of academicians visited to the department:

S.No.	Name of Visiting Faculty	Institution.Industry Address
1	Dr. Vijayaragavan	Managing Director, Altech Industries, Coimbatore.
2	Er. Mahalingam. R	Director, Netcon Technologies (I) Pvt Ltd., Coimbatore.
3	Mr. Ramanan. S. K	Chief Consultant, PYRAMID QUALITY SYSTEM
4	Mr. Rajesh. S	Sri Krishna College of Engineering and Technology

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

- Nil -

13. Student -Teacher Ratio (programme wise):

UG: B.E – Mechanical Engineering

S.No.	Sanctioned Intake	Total Students Strength				Faculty Strength	Student - Teacher Ratio
		II Yr	III Yr	IV Yr	Total		
1	672	176	202	224	602	45	15:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Description	Sanctioned	Filled
Teaching Support Staff	5	5
Administrative staff	1	1

15. Qualifications of teaching faculty with D Sc . D.Litt. . Ph.D. . MPhil . PG.

Qualification	Number of Faculty
Ph.D	02
Ph.D Pursuing	14
PG	28
PG Pursuing	01

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

- Nil -

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

S. No	Principal Investigator(s)	Title of the project	Name of Funding Agency	Amount Sanctioned	N. I	Date of sanction	Status
1	Dr.Bansal gnanasundaram Dr.T.Mathavaraj Ravikumar	Optimization Mechanical Calibration in OLR B2 model	Research Centre - Salzer Electronic Limited	Rs. 34000	N	15-07-15	Completed

18. Research Centre .facility recognized by the University

- Nil -

19. Publications: Journal

S.No	Name of the Faculty	Journal		Conference		Number of Publications listed in International Database	Citation Index	SNIP	SJR	Impact Factor	h-index
		N	I	N	I						
1	Dr.K.S.Amithagadeswaran	7	30	-	-	-	106	-	-	1.568	6
2	Dr. G. BansalRajkumar	-	4	-	2	5	7	-	-	-	2
3	Dr.T.Mathavaraj Ravikumar	-	6	2	-	6	3	1.87	0.734	4.09	1
4	C.R.Raajeshkrishna	1	4	5	2	4					
5	D.Somasundaram	-	2			2	2	0.2	0.15	0.15	1
6	C.M.AnandPartheeban	-	8			8	4	-	-	3.52	2.57
7	A. Anand jayakumar	-	5	5	2	1	-	-	0.21	-	-
8	P.Sathish Kumar	-	2			2	-	-	-	-	-
9	K.Jeyaprakash	-	2	-	-	2	-	-	-	-	-
10	C.Silambarasan	-	-	2	-	-	-	-	-	-	-
11	K.Chinnarasu	-	1	2	-	1	-	-	-	-	-

12	C.Saravanamurthi	-	1	1	1	1	-	-	-	-	-
13	P.Jeevanantham	-	2			2	-	-	-	-	-
14	R .Karthik	-	-	1	-	-	-	-	-	-	-
15	V.Manimaran	-	2	-	-	3	-	-	-	-	-
16	M.Gokul	-	2	2	-	2	-	-	-	-	-
17	S.Balakrishnan	-	2	1	-	1	-	-	-	-	-
18	R.HariPrasath	-	1	-	-	1	-	-	-	-	-
19	N.Nirmal	-	3			3	2	-	-	-	1
20	S.Pathma Sharma	-	1	-	-	1	-	-	-	-	-
21	K.Muthusamy	-	3			-	-	-	-	-	-
22	S.Ganesh Kumar	-	2	-	-	2	-	-	-	-	-
23	S.Sivachidambaram	-	4	-	-	4	-	-	-	-	-
24	T.SureshPrabhu	-	1	-	-	1	-	-	-	-	-
25	S.R.Kasthuri Raj	-	2	-	-	2	1	-	-	-	0.35
26	A.Aravinth Kumar	-	4			4	-	-	-	-	-
27	R.Maniyarasan	-	-	-	2	-	-	-	-	-	-
28	L.Jeryrajkumar	-	3	-	-	3	-	-	-	-	-
29	R. vinothkumar	-	-	1	1	-	-	-	-	-	-
30	D.Sarathkumar	-	-	1	-	-	-	-	-	-	-

20. Areas of consultancy and income generated : Nil

21. Faculty as members in a) National committees b) International Committees c) Editorial Boards

S.No.	Name of the Faculty	Member in Professional Bodies	
		National	International
1	Dr. G. BansalRajkumar	Life Time Member in ISTE	Life time member in IWS
2	C.R.Raajeshkrishna	ISTE,TSI,IEI,PMAI	Life time member in IAENG
3	D.Somasundaram	Life Time Member in ISTE	Life time member in IAENG
4	C.M.AnandPartheeban	Member in IRED	Life time member in IAENG
5	P.Sathish Kumar	Life Time Member in ISTE	Life time member in IAENG
6	S.OmPrakash	Member in SCIEI	Life time member in IAENG, Member in IEDRC
7	C.Silambarasan	NIL	Life time member in IAENG
8	K.Chinnarasu	NIL	Life time member in IAENG
9	C.Saravanamurthi	NIL	Life time member in IAENG, ISRD
10	P.Jeevanantham	NIL	Life Time Member in ISRD

11	R .Karthik	NIL	Life time member in IAENG
12	S.Balakrishnan	Life Time Member in ISTE	Life time member in IAENG
13	R.HariPrasath	NIL	Life time member in IAENG
14	N.Nirmal	Life Time Member in ISTE, Member in SCIEI	Life time member in IAENG, Member in APCBEES
15	K.Muthusamy	NIL	Life time member in IAENG
16	R.Sunil Kumar	NIL	Life time member in IAENG
17	M.Parthasarathy	NIL	Life time member in IAENG
18	D.Deepak	NIL	Life time member in IAENG
19	T.SureshPrabhu	NIL	Life time member in IAENG
20	S.R.Kasthuri Raj	NIL	Life time member in IAENG and SAE
21	A.Aravinth Kumar	NIL	Life time member of Indian Welding Society, Life time member in IAENG

22. Student projects

i. Percentage of students who have done in-house projects including inter departmental.

ii. Percentage of students placed for projects in organizations outside the institution.

Courses	2015-2016		2014-15		2013-14		2012-13	
	I	O	I	O	I	O	I	O
UG	52.4	47.6	83.4	16.6	66.6	33.4	68.8	31.2

I - inter departmental O - Research laboratories, Industry other agencies

23. Awards, Recognitions received by faculty and students

Faculty

S.No.	Name of Faculty	Academic Year	Award /Recognitions
1.	Dr. T. Mathavaraj Ravikumar	2012 - 2013	100 % Result

Student

S.No.	Name of Student	Class	Academic Year	Award /Recognitions
1	Mr. Naveen Kumar R P	I	2012 - 2013	Winners in Hockey
2	Mr. Naveen Kumar P	I		Runner up in Volley ball
3	Mr. T. Raja	I		Silver medal in Silambam

4	Mr. T. Raja	I		Winners in kabbadi
5	Mr. T. Raja	I		Bronze medal in silambam
6	Mr. T. Raja	I		Gold medal in silambam
7	Mr. Mosec Devasahayam	II		I Prize in photography
8	Mr. B. Dinesh Kumar	II		II Prize in Quiz
9	Mr. Kabilan G	II		II Prize in photography
10	Mr. R.Dhanendra Kumar	II		II Prize in Quiz
11	Mr.Jarvis Jaison S	II		II Prize in word to win
12	Mr.K. Dhanraj	II		I Prize in Short film
13	Mr.K. Dhanraj	II		II Prize in Marketing in Magnets
14	Mr. Stephen	III		I Prize in Infotament
15	Mr. N. Nirmal	IV		Star performer
16	Mr. N. Nirmal	IV		Best out going student
17	Mr. N. Nirmal	IV		II Prize in Just a minute
18	Mr. N. Nirmal	IV		II Prize in Idea presentation
19	Mr. N. Nirmal	IV		I Prize in CADD CALL
20	Mr. N. Nirmal	IV		I Prize in Paper Presentation
21	Mr. N. Nirmal	IV		I Prize in Technical Quiz

Faculty

S.No.	Name of Faculty	Academic Year	Award /Recognitions
1	Mr. S. Om Prakash	2013 - 2014	100 % Result
2	Mr. C. SaravanaMurthi		100 % Result

Student

S.No.	Name of Student	Class	Academic Year	Award /Recognitions
1	Ms. R. Abhinaya	I	2013 - 2014	Star Performer
2	Mr. R. Brahadeeswaran	I		Securing I st Rank
3	Mr. T. Raja	II		I st Prize in Silambattam
4	Mr. T. Praveen	II		I Prize in Silambattam
5	Mr. K. Rajamirasthar	II		I Prize in Silambattam
6	Mr. A. Ravi Prasanth	II		I Prize in Silambattam
7	Mr. X. Infant Regan	II		Winner of Robotics Competition
8	Mr. M. Sarath kumar	II		III Prize in Chess
9	Mr. P. Prabhu	II		I Prize in Silambattam
10	Mr. X. Infant Regan	II		I Prize in Singing
11	Mr. Arun	III		I Prize in Aerospace Competition

Faculty

S.No.	Name of Faculty	Academic Year	Recognitions
1	Mr. C. Silambarasan	2014 - 2015	100 % Result
2	Mr. P. Sathish Kumar		100 % Result
3	Mr. K. Chinnarasu		100 % Result
4	Mr. D. Thamodharan		100 % Result
5	Mr. S. Pathmasharma		100 % Result

Student

S.No.	Name of Student	Class	Academic Year	Award /Recognitions
1	Mr. V. Navin	I	2014 – 2015	I Prize in Paper Presentation
2	Ms. R. Abhinaya	II		Star Performer
3	Mr. R .Brahadeeswaran	II		III Prize in R C Racing
4	Mr. V. Veera Vishnu	II		III Prize in R C Racing
5	Mr. R. Saravana Kumar	II		I Prize in Paper Presentation
6	Mr.D. Santhosh Kumar	II		I Prize in Paper Presentation
7	Mr.N.Ugesh	II		III Prize in R C Racing
8	Mr. T. Raja	III		Silver medal in silambam
9	Mr. T. Raja	III		World Silambam Championship
10	Mr.P.Prabhu	III		Gold medal in Silambam
11	Mr. K.Rajamirasthar	III		Bronze medal in silambam
12	Mr. D. Saravana Kumar	III		Gold medal in Silambam
13	Mr.A.Ravi Prasanth	III		Bronze medal in silambam
14	Mr.R.Ajith kumar	III		Gold medal in Silambam
15	Mr.P.B.Sanjeeva Prasath	III		III Prize in R C Racing

Faculty

S.No.	Name of Faculty	Academic Year	Award /Recognitions
1	Mr. C. R. Raajeshkrishna	2015 - 2016	1.Reviewer for Journal of Technological Advances and Scientific Research 2.Best Emerging Research Award

Student

S.No.	Name of Student	Class	Academic Year	Award /Recognitions
1	Mr.P.Naveen Kumar	II	2015 – 2016	I Prize in Kabadi
2	Mr.R.Naveen Kumar	II		I Prize in Kabadi
3	Mr.R.Naveen Kumar	II		III Position in Kabadi(AU)
4	Mr.S.Pradeep	II		I Prize in Kabadi
5	Mr.S.Pradeep	II		III Position in Kabadi(AU)
6	Mr.Kavinkumar.R	II		I Prize in Kabadi
7	Mr.Brahadeeswaran	III		III Prize in Assem & Dismantling
8	Mr.R.Brahadeeswaran	III		I Prize in Quiz
9	Mr.R.Brahadeeswaran	III		III Prize in Paper Presentation
10	Mr.R.Brahadeeswaran	III		I Prize in IDP
11	Mr.R.Brahadeeswaran	III		I Prize in How Things Work
12	Mr.R.Brahadeeswaran	III		I Prize in Paper Presentation
13	Mr.R.Brahadeeswaran	III		III Prize in Hands on Machine
14	Mr.N.Ugesh	III		II Prize in Mr. Mechanic
15	Mr. V. Veera Vishnu	III		III Prize in Paper Presentation
16	Mr. V. Veera Vishnu	III		I Prize in Paper Presentation

17	Mr. V. Veera Vishnu	III		III Prize in Assem. & Dismantling
18	Mr. V. Veera Vishnu	III		III Prize in Hands on Machine
19	Mr. V. Veera Vishnu	III		I Prize in Quiz
20	Mr. J.Thendral Kumar	III		I Prize in Kabadi
21	Mr.A.Dilip Kumar	III		Foot Ball Winners in Zonal
22	Mr. Lokesh kannan R	III		I Prize in Nuts and Bolts
23	Mr.Lokesh Kannan R	III		II Position in Kabaddi (AU)
24	Mr.Karthi	III		II Prize in Tech Talk
25	Mr.Lokesh Kannan.R	III		I Prize in Kabadi
26	Mr.Hariprasath.S B	III		I Prize in Kabadi
27	Mr.Karthik kishore.R	III		II Prize in Mister Mechanic
28	Mr.Manoj Kumar G	III		III Prize in Mister Mechanic
29	Mr. Manish Tiwari	III		Best Project Award

24. List of eminent academicians and scientists.visitors to the department.

Academic year	Name of the academicians . Scientists	Institution / Industry	Date.Time	Purpose of visit
2012-13	V.Amirtharajan	Course coordinator	07.07.2012	Guest Lecture on Oil and Gas Refineries equipment inspection
	M.Kandhaswamy	Managing Director, Anandha fabrication	18.07.2012	Guest Lecture for Inauguration of Association of Mechanical Engineering
	Mr. Pradeep	Managing Director, i-point consultancy	20.07.2012	Guest Lecture on Product Promotion
	T.K. Karuppannaswamy	Managing Director, Bharani Hydraulics	14.08.2012	Guest Lecture on AME Logo launching function
2013-14	Dr. Gnanasekaran	Professor, NIIT	10.03.2014	Guest lecture on CFD
2014-15	Dr.K.S.Amirthagadeswaran	Professor & Head Mechanical Engineering, GCT, CBE	08.09.2014	Guest Lecture on recent trends in Mechanical Engineering
	S.Rajesh	SKCT	12.09.2015	Guest Lecture on Quality function deployment
	Mr.Chakravarthy Kolli	General Manager, Mold Masters Technology	16.09.2015	Guest Lecture and Inaugration of AME
	Mr.S.Balraj	Workshop	21.02.2015	Aerodynamic Design &Collision

2015-16				Testing Of Vehicle/ Aircraft Using Explicit Dynamic &CFD
	V.Natrajaperumal	Symposium	06.03.2015	Mechanical Carnival V3.0
	Mr.M.Sundar	Industrial Automation	13.02.2016	Industrial Automation
		Robotics and Automation Industrues	16.03.2016	Robotics and Automation Industrues
	D.Balaguru	Smart Manufacturing Process	01.04.2016	Smart Manufacturing Process
	Sendtil Parthasarathy	Carnival V.4.0	07.04.2016	Carnival V.4.0

25. Seminars.Conference.Workshops organized and funding from National and International

Year	Seminars/ Symposium Conference/ Workshops	N / I	Title	Date	Funding Agencies
2012-13	FDP	N	FDP on To be a better faculty	04.06.12, to 06.06.12	AU
	Symposium	N	Mechanical Carnival	21.09.2012	AME
2013-14	Workshop	N	Mechanical Friendly Machines and soft skills	31.08.2013	AME
	Workshop	N	Pyramid Quality System	05.09.2013	AME
	Symposium	N	Mechanical Carnival-V.2.0	28.02.2014	AME
	Workshop	N	National level robotics championship.	20.02.2014 - 21.02.2014	AME
2014-15	FDP	N	Enjoy Teaching and Enjoy Research	30.05.2014	AME
	FDP	N	Dynamics of Machinery	16.06.2014 - 22.06.2014	AU
	Seminar	N	Training on pedagogy	18.06.2014	AME
	Seminar	N	Application of Mathematics in Engineering	11.02.2015	AME
	Workshop	N	Aerodynamics design and Collision Testing of vehicle.Aircraft using Explicit dynamics and CFD	21.02.2015	AME
	Symposium	N	Mechanical Carnival-V.3.0	06.03.2015	AME
2015-16	Seminar	N	Industrial Automation	13.02.2016	AME

	Workshop	N	Robotics and Automation in Industries – 16	16.03.2016	AME
	Seminar	N	Smart Manufacturing Process	01.04.2016	AME
	Symposium	N	Mechanical Carnival V.4.0	07.04.2016	AME

26. Student profile programme.course wise:

UG: B.E – MECHANICAL ENGINEERING

Name of the Course.programme	Batch	Application Received	Selected	Enrolled		Pass percentage (within the minimum period)
				M	F	
B.E-MECH	2009-2013	65% of students are admitted through single window system by Anna University Chennai and another 35% are admitted through Single Window system organized by Consortium of Engineering Colleges	68	68	-	81.25 %
B.E-MECH	2010-2014		72	72	-	80.00 %
B.E-MECH	2011-2015		76	76	-	95.80 %
B.E-MECH	2012-2016		146	146	-	69.20 % (Up to 7 th sem)
B.E-MECH	2013-2017		240	236	04	47.70 % (Up to 5 th sem)
B.E-MECH	2014-2018		211	206	5	22.50% (Up to III sem)

M = Male F = Female

27. Diversity of Students

UG: B.E – MECHANICAL ENGINEERING

Name of the Course.programme	Batch	% of students from the same state	% of students from other States	% of students from abroad
B.E – MECH	2009-2013	85.3	14.7	-
	2010-2014	100	-	-
	2011-2015	100	-	-
	2012-2016	98.63	1.37	-
	2013-2017	96.66	3.33	-
	2014-2018	94.32	5.68	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

UG: B.E – MECHANICAL ENGINEERING

Competitive Examination	2012-13	2013-14	2014-15	2015-16	Total
TANCET	1	-	-	-	-

29. Student progression

UG: B.E – MECHANICAL ENGINEERING

Student progression		2012-13	2013-14	2014-15	2015-16
UG to PG		2	4	4	-
Campus selection Employed	On campus	31	3	27	37
	Off campus	-	-	-	-
Self-employment		1	-	-	-

30. Details of Infrastructural facilities

a) Central Library

S.No.	Description	Quantity in Numbers	
1.	Books for students circulation	Titles	796
		Volume	6698
2.	Technical Journals	National	18
		International	6
		E –Journals	3 Packages
3.	Technical Magazines Subscribed	2	
4.	News Papers	8	
5.	Educational CDs (CBTs)	208	

b) Department Library

S.No.	Description	Quantity in Numbers	
1.	Department Library for Reference	Titles	55
		Volume	390
2.	Project Books (UG)	Titles	83

c) Internet facilities for Staff & Students

S.No.	Description	Quantity in Numbers
1.	Computer	91
2.	Computer with internet facilities	75
3.	Band width	14 mbps
4.	Network facilities for all computers	74
5.	Printers	3
6.	Scanner	1

d) Class rooms with ICT facility

S.No.	Description	Number of rooms
1.	Class room with board	10
2.	Class room with projector	5
3.	Class room with ICT facilities	5

e) Laboratories

Name of Laboratory: **Dynamics Laboratory**

Area : 83.60 (Sq.m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	Kinematics of Universal Joints	1	7,014
2	Universal Governor Apparatus a. Watt governor b. Porter governor c. Proell governor d. Hartnell governor	1	33,170
3	Cam analysis Apparatus	1	24,451
4	Motorised Gyroscope	1	30,380
5	Whirling of Shaft Apparatus	1	24,723
6	Balancing of Rotating Masses Apparatus	1	29,683
7	Balancing of Reciprocating Masses	1	30,380
8	Determination of Moment of Inertia	1	3,387
9	SDF Setup Spring Mass system	1	11,827
10	Torsion Vibration Setup –Single Rotor & Two rotor	1	25,358
11	Cantilever Vibration lab	1	18,774
12	Gear Models –Kinetics gear train model apparatus a. Simple gear models b. Compound gear models c. Differential gear models d. Epicyclic gear models	1	18,927
13	Kinematics of 4 bar mechanism apparatus	1	17,679
14	Dynamics balancing machine	1	1,04,160
15	Vibration table	1	22,680
16	Fly wheel and axle system	1	16,285
17	Turn table apparatus	1	16,285
18	Bifilar suspension	1	16,285
19	Trifilar Suspension	1	16,285
20	Transverse setup for a. free –free beam b. Simply supported beam		24,948
Total Cost			4,92,683

Name of Laboratory: **Vibration Laboratory**

Area : 81.53 (Sq.m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	Kinematics of Universal Joints	1	7,014
2	Whirling of Shaft Apparatus	1	24,723
3	SDF Setup Spring Mass system (Longitudinal vibration)	1	11,827
4	Torsion Vibration Setup –Single Rotor & Two rotor	1	25,358
5	Cantilever Vibration lab (Transverse vibration setup)	1	18,774
6	Kinetics gear train model apparatus	1	18,927
7	Kinematics of 4 bar mechanism apparatus	1	17,679
8	Vibration table	1	22,680
9	Transverse setup for c. free –free beam		24,948

d. Simply supported beam		
Total Cost		1,46,982

Name of Laboratory: **Computer Aided Designing and Drafting Laboratory**

Area : 82.72 (Sq.m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	Intel R Core i3 2.93GHz,2GB DDR3 RAM, 250 GB SATA HDD, HCL 17" LCD Monitor, HCL Keyboard, HCL Optical Mouse	32	7,20,000
2	Intel R Core 2 Duo 2.93GHz,2GB DDR3 RAM, 250 GB SATA HDD, HCL 17" LCD Monitor, HCL Keyboard, HCL Optical Mouse	4	76,000
3	Canon Laser Printer	1	6,334
4	HP Inkjet Colour Printer and Scanner	1	18,300
5	Projector EB Epson –X02	1	24,500
6	CISCO SR 2024T 24 Port Network Switches	5	55,125
Total Cost			9,00,259

Name of Laboratory: **Simulation and Analysis Laboratory**

Area: 82.72 (Sq.m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	Intel R Core i3 2.93GHz,2GB DDR3 RAM, 250 GB	36	8,10,000
2	Canon Laser Printer	1	6,572
3	Projector EB Epson –X02	1	24,500
Total Cost			8,41,072

Name of Laboratory: **Cam Laboratory**

Area : 83.63 (Sq.m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	XL turn CNC slant bed lathe	1	11,96,840
2	XL mill CNC milling machine	1	
3	Tooling package for XL mill	1	41,580
4	Tooling package for XL turn	1	41,580
5	Zenith Smart Style PC	1	39,048
6	Zenith Smart Style PC	1	58,572
7	HCL Desktop	1	1,33,000
Total Cost			15,10,620

Name of Laboratory: **Heat and Mass Transfer**

Area : 83.63 (Sq.m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	Thermal conductivity by guarded hot plate (Solid)	1	32,472
2	Heat transfer through lagged pipe	1	22,707
3	Heat transfer in natural convection	1	22,707
4	Heat transfer through Forced Convection	1	30,380

5	Heat transfer from Pin-Fin apparatus	1	30,380
6	Stefan Boltzmann Apparatus	1	32,124
7	Emissivity Measurement	1	22,707
8	Parallel.Counter Flow heat exchanger	1	21,313
9	Composite Wall Apparatus	1	42,950
10	Thermal Conductivity of Insulating Powder Apparatus	1	48,478
Total Cost			1,67,572

Name of Laboratory: **Metrology and Measurement laboratory** Area: 83.63 (Sq.m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	Micrometer (0-25mm)	1	6,000
2	Micrometer (25-50mm)	1	
3	Micrometer (50-75mm)	1	
4	Vernier Caliper (0-150mm)	1	6,000
5	Vernier Caliper (0-200mm)	1	
6	Vernier Caliper (0-300mm)	1	
7	Vernier Height Gauge – Digital (0-300mm)	1	1,600
8	Vernier Height Gauge – conventional (0-450mm)	1	
9	Vernier Depth Gauge (0-200mm)	1	7,000
10	Slip Gauge M83 Set	1	22,000
11	Slip Gauge M112 Set	1	
12	Gear Tooth Vernier (0-26mm)	1	5,000
13	Sine bar 200mm	1	3,000
14	Bevel Protractor	1	11,000
15	Displacement Measurement Setup	1	11,500
16	Torque Measurement Setup	1	40,000
18	Force Measurement Setup	1	11,000
19	Temperature Measurement Setup	1	10,000
20	Floating Carriage Micrometer	1	34,500
21	Electrical Comparator	1	18,400
22	Auto Collimator	1	47,000
23	Sine Center	1	8,000
24	Mechanical Comparator	1	4,500
25	Dial Indicator 0.01mm	1	15,000
26	Dial Indicator 0.001mm	1	
27	Gear Rolling Tester	1	40,000
28	Profile Projector 600mm	1	1,44,000
29	Tool Maker Microscope	1	42,000
30	Feeler Gauge	1	1,250
31	Snap Gauge (6 Piece Set)	1	7,500
32	Bore Gauge (18 – 35 mm)	1	14,500
33	Telescopic Gauge (6 Set)	1	16,300
Total Cost			5,44,306

Name of Laboratory: **Manufacturing Technology Laboratory**

Area: 200 (Sq.m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1.	Centre lathe with accessories(old)	9	7,86,240
Total Cost			7,86,240

Name of Laboratory: **Production Process Laboratory**

Area: 200 (Sq.m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	Centre lathe with accessories(old)	6	7,86,240
2	Spot Welding Machine	1	20,000
3	Hydraulic Hacksaw Machine(8 th Stroke)	1	15,000
4	Injection Moulding Machine	1	25,000
5	Bench Drilling Machine	1	7,500
Total Cost			8,53,740

Name of Laboratory: **Special Machines laboratory – I**

Area: 83.63 (Sq.m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	Lathe tool Dynamometer	1	35,000
2	Cylindrical Grinding Machine	1	1,00,000
3	Bench Drilling Machine	1	7,500
4	Tool Maker Microscope	1	35,000
5	Capstan Lathe with accessories	1	1,05,000
6	Centre Lathe(New)	2	1,24,000
Total Cost			4,06,500

Name of Laboratory: **Special Machines laboratory – II**

Area: 83.63 (Sq.m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	Shaping Machine	1	75,000
2	Surface Grinding Machine	1	80,000
3	Radial Drilling Machine(Ø25mm)	1	75,000
4	Slotting Machine	1	75,000
5	Pillar Drilling Machine	1	17,500
6	Tool Maker Microscope	1	35,000
7	Gear Hobbing Machine	1	3,50,000
8	Planer	1	3,00,000
Total Cost			10,07,500

Name of Laboratory: **Refrigeration and Air Conditioning Laboratory**

Area: 83.63 (Sq .m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	Refrigeration Test Rig	1	61,767

2	Air Conditioning Test Rig	1	1,00,478
3	Two Stage Air Compressor	1	95,805
4	Fluidized Bed Cooling Tower	1	1,25,000
Total Cost			3,83,050

Name of Laboratory: **Engineering Practices Laboratory**

Area : 208.50 (Sq.m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	Pillar drilling machine	1	10,200
2	Bench grinder (small)	1	4,800
3	Angle grinder (portable)	2	9,600
4	Demolition hammer	2	24,300
5	Circular saw	2	6,640
6	Planner(power)	2	5,340
7	Hand drilling machine	2	2,040
8	Jig saw	2	3,650
9	Rotary hammer	2	5,000
10	Hand operated shearing machine	1	2,400
11	Hearth furnace with hand blower	2	11,600
Total Cost			85,570

Name of Laboratory: **Thermal Laboratory**

Area : 200 (Sq.m)

S.No.	Name of Equipment	Quantity	Cost (₹)
1	Engine cut section model 4 stroke single cylinder diesel engine	1	21,507
2	Engine cut section model two stroke single cylinder petrol engine	1	19,552
3	Single cylinder 4 stroke 5 HP diesel engine test rig (Electrical resistance) bulb loading	1	1,34,909
4	Twin cylinder 4 Stroke 10 HP diesel engine test rig with alternator (Rheostat loading)	1	2,19,960
5	Slow speed 4 stroke 6 HP diesel engine test rig with retardation test	1	1,41,752
6	Redwood Viscometer	1	14,175
7	Cleeve land flash and fire point apparatus	1	14,175
8	Two stage air compressor test rig with 3 HP motor	1	95,805
9	Centrifugal blower test rig with VFD	1	1,36,864
10	Four cylinder four stroke petrol engine test rig with hydraulic dynamometer loading	1	3,40,515
11	Single cylinder petrol engine test rig with alternator loading	1	1,06,596
12	Single cylinder 4 Stroke 5 HP diesel engine test rig with Hydraulic Dynamometer loading (With Data acquisition system)	1	2,80,308
Total Cost			15,26,118

Name of Laboratory: **Mechatronics Laboratory**

Area : 83.63 (Sq.m)

S.No.	Name of Equipment	Quantity	Cost (₹)
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1	Electro Pneumatic trainer kit (interfaced with PLC)	1	2,16,723
2	Electro Pneumatic trainer kit (To find Direction, Velocity and force)	1	60,793
3	Two Stage Reciprocating Air Compressor	1	52,992
4	PID controller interfacing	1	22,073
5	Speed control setup for AC and DC drives	1	33,390
6	Computerized data logging system with control for process variables like pressure, flow and temperature	1	1,11,299
7	Stepper motor interfacing with 8051 micro controller	1	26,049
8	Servo Controller assembly	1	84,175
9	Hydraulic Trainer Kit	1	1,29,957
10	Automation Studio 5.7	1	1,03,255
Total Cost			8,40,706

31. Number of students receiving financial assistance from college, university, government or other agencies

Received financial assistance		2012-13	2013-14	2014-15	2015-16	Total
Government	First Graduate	53	111	180	258	602
	SC / ST	6	12	24	33	75
	BC / MBC	36	51	101	153	341
UIT Educational Trust		5	8	57	54	124

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts

Academic year	Special Lectures/ Workshops/ Seminar/ Association Activity	Title	Date	Experts / Company
2012-13	Faculty Development Programme	To Be A Better Faculty	04.06.2012 To 06.06.2012	Dr.Sheela Ramachan Dr.P.V.Mohanram P.Ponmeenakashi V.K.Boominathan Dr.S.Narayanan Dr.K.Ramasamy
	Guest Lecture	Oil and Gas Refineries equipment inspection	07.07.2012	V.Amirtharajan
	Inauguration	Association of Mechanical	18.07.2012	M.Kandhaswamy

		Engineering		
	Guest Lecture	Product Promotion	20.07.2012	Mr. Pradeep
	Industrial Visit for II year	Aero Space Engine components and various Mechanisms	26.07.2012 To 28.07.2012	Bangalore
	Guest Lecture	AME Logo launching function	14.08.2012	T.K. Karuppannaswamy
	Industrial Visit for III year	Manufacturing Unit	21.08.2012 To 26.08.2012	Keltron, Cochin & Coorg
	Symposium	Mechanical Carnival	21.09.2012	M.Rajavel
2013-14	Industrial Visit for III year	The Manufacturing Unit	20.08.2013 To 25.08.2013	Keltron, Cochin & Coorg
	Industrial Visit for II year	TVS	23.08.2013 To 25.08.2013	TVS-Hosur Bangalore
	Workshop	Mechanical Friendly Machineries & Softskills	31.08.2013	AME
	Inauguration	Association of Mechanical Engineering	05.09.2013	Mr.S.K.Ramanan
	Symposium	Mechanical Carnival V2.0	28.02.2014	B.Seenivasan
	Workshop	National Level Robotics	20.02.2014 To 21.02.2014	A.Subash babu
	Guest lecture	Computational Fluid Dynamics	10.03.2014	Dr. Gnanasekaran
2014-15	Faculty Devolopment Programme	Enjoy Teaching & Enjoy Research	30.05.2014	Dr. Gnanasekaran
	Faculty Devolopment Programme	Dynamics of Machinery	16.06.2014 To 22.06.2014	Dr.S.Venkat prasat Dr.V.Prabhu raja Dr.P.Sathyabalan Dr.J.JayaPrakash Dr.S.Balamurgan Mr.E.MohanKumar
	Faculty Devolopment Programme	Training of Pedegogy	18.06.2014	Dr.G.B.Jaiprakash
	Industrial Visit for IV year	Assembly Division	09.08.2014 To 18.08.2014	JCB India Limited, New Delhi.

	Industrial Visit for III year	Exhibition	13.08.2014 To 16.08.2014	ISRO, Trivandrum.
	Industrial Visit for II year	The whole plant	14.08.2014 Tto 16.08.2014	C-DAC, Bangaluru.
	Guest Lecture	Recent Trends In Mechanical Engineering	08.09.2014	Dr.K.S.Amirthagadeswaran
	Inplant Training	Royal Enfield	27.11.2014 To 27.12.2014	Mr .T.Mohana Sundaram
	Paper Presentation Contest	Application of Mathematics In Engineering	11.02.2015	Mr.R.Vidyakumar
	Workshop	Aerodynamic Design&Collision Testing Of Vehicle/ Aircraft Using Explicit Dynamic &CFD	21.02.2015	Mr.S.Balraj
	Symposium	Mechanical Carnival V2.0	06.03.2015	V.Natrajaperumal
	Inplant Training	Best Motor Works	22.05.2015 To 22.06.2015	Mr.Sanjeev Mr.R.Pradheepkumar
	Inplant Training	Royal Enfield Sheriff Motors	26.05.2015 To 06.06.2015	Mr.M.Karthi
	Inplant Training	Rajshree Ford	28.05.2015 To 15.06.2015	Mr. T.Mohanasundaram
	Inplant Training	Royal Enfield Sheriff Motors	02.06.2015 To 12.06.2015	Mr.S.Karthik
	Inplant Training	TNSTC	08.06.2015 To 12.06.2015	Mr.N.Azharudhin
	Inplant Training	TNSTC	08.06.2015 To 22.06.2015	Mr.J.Samraj Devasingh
	Inplant Training	Sri Murugan Auto Works	15.06.2015 To 20.06.2015	Mr.M.Karthi Mr.S.K.Ranjith
	Inplant Training	TNSTC	16.06.2015 To 25.06.2015	Mr.S.Subash
	Industrial Visit for IV year	BRG Iron and Steel Industries	28.07.2015 To 6.8.2015	BRG-Kolkatta
	Industrial Visit for	ONGC and Ship	29.07.2015	ONGC,Manglore

2015-16	III year	Yard	To 01.08.2015	
	Industrial Visit for II year	TVS	28.07.2015 To 06.08.2015	TVS-Hosur Bangalore
	Guest Lecture	Quality function deployment	12.09.2015	S.Rajesh
	Internship	BHEL	15.09.2015 (2 months)	4 Students
	Inauguration	Association of Mechanical Engineering	16.09.2015	Mr.Chakravarthy kolli
	Implant Training	Roots Industries Pvt.Limited	07.12.2015 To 11.12.2015	Mr.P.Deepak Mr.S.Karthik
	Implant Training	Royal Enfield Sheriff Motors	07.12.2015 To 12.12.2015	Mr.S.Karthik Mr.S.K.Ranjith
	Implant Training	Aquasub Engineering	12.12.2015 To 17.12.2015	Mr.S.Sanjeeth
	Implant Training	Deccan Pumps Pvt.Limited	17.12.2015 To 22.12.2015	Ms.R.Abhinaya Ms.R.K.Raghavi
	Implant Training	Volkswagen	24.12.2015 To 04.1.2016	Mr.S.Mohan Mr.M.Mathan Mohan
	Internship	VR Foundries/Ranba Castings Ltd.	03.01.2016	4 Students
	Internship	Sri Murugan Foundry Equipment	07-01-2016 (2-months)	2 Students
	Internship	Best Forging India Pvt Ltd.	27-01-2016 To 29-4-2016	5 Students
			28-01-2016 To 30-01-2016	4 Students
	Internship	Miracle Engineering Plastics	01-02-2016 (2-months)	1 Student
	Internship	Energ	03-02-2016 To 30-03-2016	3 Students
	Internship	Servall Engineering Works Pvt. Ltd.	03-02-2016	4 Students

Internship	Ashok Leyland	03-02-2016 To end of Apr-2016	4 Students
Internship	Apex Industry	03-02-2016 To 01-04-2016	4 Students
Internship	Sri Meenakshi packaging Industries	04-02-2016 to 04-04- 2016	4 Students
Internship	ALPHA Research & Development	08-02-2016 (3-months)	1 Student
Internship	Suba Plastics Pvt. Ltd.	08-02-2016 (1-year)	6 Students
Internship	Tea Master Engineering	10-02-2016 To 31-03-2016	4 Students
Internship	Cheran Industries	Feb-2016 (1-month)	4 Students
Seminar	Industrial Automation	13.02.2016	Mr.M.Sundar
Workshop	Robotics and Automation Industrues	16.03.2016	Mr.M.Sundar
Internship	KSB	22-02-2016 To 31-03-2016	4 Students
Internship	ZF Wind Power Coimbatore Pvt. Ltd.	22-02-2016 To 04-04-2016	2 Students
Internship	Ferro Links	Feb-2016	4 Students
Internship	Best Engineering Pumps Pvt. Ltd.	Feb-2016	3 Students
		Feb-2016	4 Students
Internship	Roots Industries India Ltd.	Feb-2016 To Mar-2016	4 Students
		Feb-2016 (1-month)	4 Students
Internship	Eltex Super Castings	14-03-2016 To 31-03-2016	1 Student
Internship	Kasthuri Machine Builders	16-03-2016	4 Students
Seminar	Smart Manufacturing Process	01.04.2016	D.Balaguru

	Symposium	Carnival V.4.0	07.04.2016	Sendtil Parthasarathy
2016-17	Implant Training	Vishal Precision Products Pvt Ltd.	17.06.2016 To 30.06.2016	Ms.Nithyalakshmi.M
	Implant Training	TVS Sundaram Iyengar & Sons Pvt Ltd. TVS Sundaram Iyengar & Sons Pvt Ltd.	18.06.2016 To 29.06.2016	Ms.M.Haripriya Mr.S.Gowthaman
	Implant Training	Sreeram Engineering Works	20.06.2016 To 25.06.2016	Mr.T.Dharmaraj
	Implant Training	KSB Pumps	22.06.2016 To 30.06.2016	Mr.R.Madhan kumar
	Implant Training	Ambal Auto	23.06.2016 To 04.07.2016	Mr.N.Azharudhin
	Implant Training	Honda	28.06.2016 To 02.07.2016	Mr.S.Soundarrajan

33. Teaching methods adopted to improve student learning:

Aiming at the effectiveness of the teaching learning process, the department facilitates the use of various teaching tools such as

- Chalk and talk method of instruction.
- LCD projector method of presentation.
- Power point method of presentation.
- Models
- Industrial visits
- E-learning
- NPTEL
- Tutorial classes
- Animation videos
- Class test, improvement test for regular. slow learners
- Industrial tours
- Subject based quiz programmes

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Our department students have participated in the following activities.

- National Service Scheme
 - Tree plantation program.
 - Dengue awareness camps.
 - Blood donation camps.
 - Polio vaccination camp.
 - Accident awareness camp.
 - RALLY [National library day to promote reading habit
- Rotract club
- Youth Red Cross
- Tamil Mandram
- Entrepreneurship development cell.

S. No	Date	Event	Academic Year	No. of participation
1	03.08.2014	Friendship day celebration By RAC UIT	2014 - 2015	38
2	Aug 2014	Hosting IDYE to Annai karanghal at Anaikatti By RAC UIT		25
3	Aug 2014	Onam celebration By RAC UIT		34
4	Sep 2014	Eye camp for people in Anaikatti By RAC UIT		15
5	Sep 2014	Provided Dinner for students at Jeevakarunya Ashram By RAC UIT		12
6	11.10.2014	NSS activities at Thandigai Perumal Temple		28
7	01.11.2014	NSS – World’s largest school students meet at Codissia, Coimbatore		154
8	12.10.2014	NSS – Vibathu illa kovai accidental awareness camp		113
9	15.11.2014	NSS rally to promote reading habit – National library day		50
10	21.11.2014	NSS – Primary Health Center Dengu Awareness camp – Periyanyakanpalayam		49
11	12.01.2015	NSS – Polio vaccination camp		64
12	14.01.2015	Tamil Mandram - Inauguration		40
13	19.01.2015	NSS - Primary Health Center blood donation camp - Gudalur		22
14	08.06.2015	Tamil Mandram - Debate	2015 - 2016	15
15	09.08.2015	Go green – planting trees By RAC UIT		50
16	23.08.2015	Karai Ellam Azhagu By RAC UIT		07
17	29.08.2015	Paying Homage to Dr.A.P.J.Abdulkalam By RAC UIT		133

18	12.09.2015	Faces By RAC UIT		06
19	28.09.2015	Igniting Dreams By RAC UIT		150
20	10.10.2015	NSS activities at Thandigai Perumal Temple		17
21	14.10.2015	NSS – Dengue Awareness Camp – Kovanoor HSS		26
22	18.10.2015	NSS – Tree plantation		40
23	26.12.2015	Mattram By RAC UIT		50
24	14.03.2016	Save Earth Go Green By RAC UIT		450
25	09.04.2016	Oli sudar By RAC UIT		100
26	21.06.2016	Make it Fit By RAC UIT		80

35. SWOC analysis of the department and Future plans

Strengths:

- The department is permanently affiliated to ANNA University.
- With 3 batches of passed out students, this college has produced skilled engineers working in reputable industries all over India.
- Well Equipped and spacious laboratories.
- Good academic culture and ambience leading to high student satisfaction.
- Good civil infrastructure such as buildings, class room, labs and other lecture hall facilities sufficient for current requirements.
- Library with enormous books and journals to enrich our knowledge
- Interactive education provided through RGM valley view school at Ooty.
- Good Computer facilities with internet connectivity.
- Well qualified, experienced and supportive faculty members.
- 35% of faculty have registered for Ph.D. programmes
- 89% faculty are PGs
- More number of faculty and staff retention rate is high.
- Award and reward system for meritorious students is in place.
- Students are encouraged to participate in extracurricular and co-curricular activities.
- Campus placement and career counseling is well organized for students
- Department offers value added programmes for all the students to enhance their employability.
- Good teamwork is followed by all the faculty members.
- The department is strongly student centered and focused.
- Academic calendar is followed.
- Entrepreneurship Development Cell (EDC) is initiated to develop more entrepreneurs.

- Conducive working atmosphere created by Management inside the campus.
- A strong focus on quality teaching for the students at all levels.
- Multiple students scholarships and awards are available to support the students.
- Excellent geographical location to provide service locally and regionally.

Weakness:

- Lack of participation in the International level contests.
- Lagging in progress in getting the funded projects.
- Lack of academic autonomy.
- Low Revenue generation.
- Quality publications should be increased.

Opportunities:

- Participation and collaboration at National and International Levels.
- Networking and Interaction with other Institutes.
- Developing and introducing Elective Courses for students in tune with market demands.
- Entering into collaborative projects with other Institutes, Organizations and Research Bodies.
- Research projects funded by other agencies (DST, IIT, AICTE, etc...)
- Promoting more employment with focused attention on industrial needs.
- To develop and motivate entrepreneurs.
- Technical consultancy assignments.

Challenges:

- Inhibition to growth and Development.
- Improving communication skills of the students as most of them are from rural background.
- Overall effect of Global Recession on the department placements.
- To obtain Patent rights for innovations.

Future plans

- To start PG courses
- To establish research centre.
- To increase number of funded research projects.
- To establish the department as a recognized training, consultancy and testing centre.

Evaluative Report of the Departments

1. **Name of the department** : Science and Humanities
2. **Year of Establishment** : 2009
3. **Names of Programmes. Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**

S.No.	Engineering .Technology			Year of Starting
1	UG	B.E	CSE, ECE, EEE, MECH	2009
2	UG	B.E	CIVIL	2010

4. Names of Interdisciplinary courses and the departments.units involved

Anna University, Chennai - Regulation 2013

S. No	Subjects	Semester	Department Involved
1	Engineering Graphics	I	Civil Engineering. Mechanical Engineering
2	Computer Programming		Computer Science and Engineering
3	Computer Practice Lab - I		Computer Science and Engineering
4	Engineering Practice Lab – I		Civil Engineering. Electrical and Electronics Communication Engineering.
5	Basic Civil and Mechanical Engineering	II	Civil Engineering. Mechanical Engineering
6	Engineering Mechanics		Civil Engineering. Mechanical Engineering
7	Electron Devices	II	Electronics and Communication Engineering
8	Circuit Theory		Electronics and Communication. Electrical and Electronics Engineering
9	Basics of Electrical and Electronic Engineering		Electrical and Electronics Engineering
10	Computer Aided Draft and Modeling Lab		Civil Engineering. Mechanical Engineering
11	Computer Programming Lab		Computer Science and Engineering
12	Digital Principles and System Design		Computer Science and Engineering
13	Programming and Data Structures I		Computer Science and Engineering
14	Programming and Data Structures Lab I		Computer Science and Engineering
15	Circuit and Devices Lab		Electronics and Communication Engineering

16	Digital lab		Electronics and Communication Engineering
17	Electric Circuits Lab		Electrical and Electronics Engineering

5. Annual. semester.choice based credit system (programme wise)

S.No.	Engineering & Technology			Annual.Semester Credit System
1	UG	B.E	Common for All UG Branches	Semester based Credit System

6. Participation of the department in the courses offered by other departments

Anna University, Chennai - Regulation 2013

S.No	Subjects	Semester Courses	Departments Involved
1	Transform and Partial Differential Equations	III B.E	Civil Engineering Computer Science and Engineering Electronics and Communication Engineering Electrical and Electronics Engineering Mechanical Engineering
2	Numerical Methods	IV B.E	Civil Engineering Electrical and Electronics Engineering
3	Discrete Mathematics	V B.E	Computer Science and Engineering
4	Probability and Queuing Theory	IV B.E	Computer Science and Engineering
5	Probability and Random Process	IV B.E	Electronics and Communication Engineering
6	Statistical and Numerical Methods	IV B.E	Mechanical Engineering
7	Advanced Mathematical Methods	I M.E	M.E Structural Engineering
8	Applied Probability and Statistics	I M.E	M.E Computer Science and Engineering
9	Communication Skill Lab	V B.E	Civil Engineering Electrical and Electronics Engineering
10	Communication Skill Lab	VI B.E	Computer Science and Engineering Electronics and Communication Engineering Mechanical Engineering

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

S.No.	Industry.Institute.University	Course(s)	Duration
1	Cambridge University	Business English Certificate Course	3 months
2	M ³ Solutions	Communication and Personality Development	1 month

8. Details of courses.programmes discontinued (if any) with reasons

S.No.	Name of the Courses	With effect from	Reason
-Nil-			

9. Number of teaching posts

Designation	Sanctioned	Filled
Professors	4	-
Associate Professors	8	5
Assistant Professors	24	31

10. Faculty profile with name, qualification, designation, specialization, (D.Sc..D.Litt. .Ph.D. . M. Phil. etc.,

S. No	Name	Qualification	Designation	Specialization	No. of Years of Experience			No. of Ph.D. Students guided for the last 4 years
					Industry	Teaching	Total	
1	Prof. D.Edwin Joseph Raj	M.A.,	Associate Professor	English	-	39.4	39.4	-
2	Dr.R.Udhayakumar	M.A., M.Phil., Ph.D	Associate Professor	English	-	4.7	4.7	-
3	Mrs. S Harini	M.A., M.Phil.,	Assistant Professor	English	-	12.6	12.6	-

		(Ph.D).						
4	Mrs. K. Premalatha	M.A., M.Phil, (Ph.D).	Assistant Professor	English	-	4.9	4.9	-
5	Ms. B.C.Nandhini	M.A., M.Phil	Assistant Professor	English	-	0.5	0.5	-
6	Mrs.A.Malarselvi	M.Sc., M.Phil., (Ph.D)	Associate Professor	Maths	-	13.1	13.1	-
7	Dr.B.Gayathiri	M.sc., M.Phil.Ph.D	Associate Professor	Maths	-	6.11	6.11	
8	Ms.N.Subashini	M.Sc., M.Phil., (Ph.D).	Assistant Professor	Maths	-	8	8	
9	Mr. A.R.Vidhyakumar	M.Sc., M.Phil., (Ph.D).	Assistant Professor	Maths	-	7	7	-
10	Mrs. S. Sharmila	M.Sc., M.Phil., (Ph.D).	Assistant Professor	Maths	-	6.2	6.2	-
11	Mrs. I.Preethi	M.sc., M.Phil.	Assistant Professor	Maths	-	5.11	5.11	-
12	Mrs. A. Yasotha	M.Sc., M.Phil., (Ph.D).	Assistant Professor	Maths	-	5.3	5.3	-
13	Ms. M. Revathi	M.sc., M.Phil.	Assistant Professor	Maths	-	3.1	3.1	-
14	Mr. I. Sadham Hussain	M.sc., M.Phil.	Assistant Professor	Maths	-	1.4	1.4	-
15	Ms.A.Divya	M.sc., M.Phil.	Assistant Professor	Maths	-	1.10	1.10	
16	Ms.D.Geethamani	M.sc., M.Phil.	Assistant Professor	Maths	-	1.4	1.4	
17	Mr.D.Prasantha Bharathi	M.sc., M.Phil.	Assistant Professor	Maths	-	-	-	
18	Dr. S. S. Kanmani	M.sc., M.Phil., Ph.D	Associate Professor	Physics	-	1.11	1.11	-

19	Mr. G. Gowrisankar	M.sc., M.Phil.	Assistant Professor	Physics	-	6.8	6.8	-
20	Mrs. R.Sathiya Priya	M.sc., M.Phil.	Assistant Professor	Physics	-	6.3	6.3	-
21	Mr.B. Gokul	M.Sc., M.Phil., (Ph.D).	Assistant Professor	Physics	-	0.5	0.5	-
22	Ms. K. Nanthini	M.sc., M.Phil.	Assistant Professor	Chemistry	-	6.10	6.10	-
23	Mr.H.Shahul Meeran	M.Sc., M.Phil., (Ph.D).	Assistant Professor	Chemistry	-	5.10	5.10	-
24	Mrs. P. Beena	M.sc., M.Phil.,	Assistant Professor	Chemistry	-	2.10	2.10	-
25	Ms.R.Saveetha	B.E M.E	Assistant Professor	CSE	-	5.2	5.2	-
26	Ms. K.Megala	B.Tech., ME.,	Assistant Professor	CSE	-	3	3	-
27	Ms.A.Subashini	B.E M.E	Assistant Professor	CSE	-	--	--	-
28	Ms.S.Hemanandhini	B.E M.E	Assistant Professor	CSE	-	--	--	-
29	Ms.M.Jeevitha	B.E M.E	Assistant Professor	CSE	-	--	--	-
30	Mr.T.Bhuvaneshwaran	B.E M.E	Assistant Professor	CSE	-	--	--	-
31	Ms.V.Bhuvaneshwari	B.E M.E	Assistant Professor	CSE	-	--	--	-
32	Mr. V.Prabhakaran	B.E M.E	Assistant Professor	CIVIL	-	2.3	2.3	-
33	Ms.S.Gowri	B.E M.E	Assistant Professor	ECE	-	2.10	2.10	-
34	Mr.P.G.R. Karthikeyan	B.E M.E	Assistant Professor	Embedded System Technology	-	3.2	3.2	-
35	Mr.P. Ebenezer Jai Santhosh	B.E., ME	Assistant Professor	Structural Engineering	2.9	2.11	5.8	-
36	Ms.M.Kalaiyarasi	B.E M.E	Assistant Professor	VLSI Design	-	1	1	-

11. List of senior visiting faculty

S.No.	Name of Visiting Faculty	Institution.Industry Address
1	Prof. N. Vijayakumar (Rtd Professor)	Government College of Technology, Thadagam Rd, PN Pudur, Coimbatore – 13.
2	Prof. Hariharan (Rtd Professor)	Government College of Technology, Thadagam Rd, PN Pudur, Coimbatore – 13.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

Nil

13. Student -Teacher Ratio (programme wise)

S.No	Programme	Academic Year	Sanctioned Intake	Student Strength	Total		Faculty Strength	Student - Teacher Ratio
					Sanctioned	Admitted		
1	CIVIL	2016	54	Admission under process	540	Admission under process	36	15:1
2	CSE		108					
3	ECE		108					
4	EEE	2017	54					
5	MECH		216					

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Description	Sanctioned	Filled
Teaching Support Staff	2	2
Administrative staff	1	1

15. Qualifications of teaching faculty with DSc. D.Litt. Ph.D. MPhil . PG.

Qualification	Number of Faculty
Ph.D	03
Ph.D Pursuing	09
M.Phil	11
PG	13

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

NIL

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total

grants received

NIL

18. Research Centre .facility recognized by the University

- Nil-

19. Publications:

Journal

N- National

I – International

S. No	Name of the Faculty	Journal		Conference		Number of Publications listed in International Citation Index	SNIP	SJR	Impact Factor	h-index
		N	I	N	I					
1	Ms.K.Premalatha	-	-	-	1	-	-	-	-	-
2	Dr.R.Udhaya kumar	2	9	6	7	9	30	-	3.508	3.430
3	Mr. A.R. Vidhyakumar	-	1	-	-	1	-	1.378	0.956	1.551
4	Mrs S. Sharmila	-	12	-	-	12	-	-	-	2.109
5	Mrs. I.Preethi	-	-	2	-	-	-	-	-	-
6	Dr. S.S. Kanmani	-	11	-	-	11	80	1.869	1.606	2.498
7	Mr. B.Gokul	-	11	5	5	11	53	1.6	0.9	2.200
8	Dr. B. Gayathiri	-	4	-	-	-	-	-	0.64	6.469
9	Mrs. N.Subashini	-	2	-	-	-	-	-	-	1.029
10	Ms. D.Geethamani	-	1	-	-	-	-	1.350	1.916	3.165

Books Edited/Published

S.No.	Name of Author(s)	Title of book	ISBN	Year of Publication	Name of Publisher
1	Dr.R.Udhayakumar	Video Documentary: A search for analysis	9788193200745	2016	ABS Books Newdelhi-110086
2	Dr.R.Udhayakumar	TRB-PG English	-	2013	Deepak Series for Test Preparation

20. Areas of consultancy and income generated

NIL

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards....

S.No.	Name of the Faculty	Member in Professional Bodies	Reviewer
		National	
1	Dr.R.Udhayakumar	ISCA (Life Member)	
2	Ms. I. Preethi	ISTE (Life Member)	
3	Ms. K. Nanthini	ISTE (Life Member)	
4	Mr.A.R.Vidhyakumar		Applied Mathematics and Computation
5	Mr.G.Gowrisankar		World Applied Science Journal

22. Student projects

- Percentage of students who have done in-house projects including inter departmental programme
- Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories.Industry. other agencies

Not Applicable

23. Awards . Recognitions received by faculty and students

Faculty

S.No.	Name of Faculty	Academic Year	Award/Recognitions
1	Ms. K. Premalatha	2012 - 2013	97.7% Result in Technical English - II
2	Ms. K. Premalatha	2013 - 2014	100 % Result in Technical English - I
3	Prof. D. Edwin Joseph Raj	2014-15	100 % Result in Technical English - I
4	Ms. K. Premalatha		100 % Result in Technical English - I
5	Mr. G. Gowrishankar		100 % Result in Engineering Physics - II
6	Ms S. Sharmila		100 % Result in Theoretical Foundation of Computer Science
7	Ms. K. Premalatha		97.7% Result in Technical English - II
8	Mr. G. Gowrishankar		96.6% Result in Engineering Physics - I
9	Ms. K. Nanthini		96.6 % Result in Engineering Chemistry - I

10	Mr.H.Shahul Meeran		95.2 % Result in Engineering Chemistry - I
11	Prof. D. Edwin Joseph Raj	2015-2016	100 % in Technical English – II
12	Ms. K. Premalatha		100 % in Technical English – II
13	Prof. D. Edwin Joseph Raj		95.8% in Technical English - I
14	Ms. K. Premalatha		95.9% in Technical English – II
15	Ms. K. Premalatha		97.9% in Technical English - I
16	Ms. S. Harini		97.7% in Technical English – II

Students

S.No.	Name of Student	Academic Year	Award .Recognitions
1	Kavin R (CSE A)	2012-13	Star Performer (8.27)
2	Sanjaykumar B (CSE B)		Star Performer (8.04)
3	Sathya.S (ECE B)		Star Performer (9.12)
4	Sarath S Kumar (EEE)		Star Performer (6.69)
5	Infant Regan.X (MECH A)		Star Performer (8.5)
6	Venkatesh.S (MECH B)		Star Performer (7.62)
7	Vikram .G (MECH B)		Essay Writing in English - First
8	Sooraj K.V (CIVIL)		Essay Writing in English - Second
9	Sathya K.L (CSE B)		Essay Writing in English - Third
10	Basil Daneil (MECH A)		Elocution in English - First
11	Raj Narayanan Balaji (EEE)		Elocution in English - Second
12	Vishnu Ram .P (MECH B)		Elocution in English - Third
13	Sathya .K.L (CSE B)		Elocution in English - Third
14	Ramya B.M Viswanathan .A Sathya.S Sureshkumar.M (ECE B)		Quiz Competition - First
15	Sooraj.K.V Kishorekumar.T Pranav.M.U Abishek. Y (CIVIL)		Quiz Competition - Second
16	Ashwin.D Apoorv Srivastava Naveen Cheku.G Infant Regan.X (MECH)		Quiz Competition - Third
17	Trisha Nath Sathya.K.L Sowndar Kumar.R Sridhar.B (CSE)		Quiz Competition - Third
18	T.Raja (MECH B)		2 nd Asian Silambam Championship – 2013 Kambu Sandai - Gold Vell Kambu Veechu - Bronze AISF 9 th National Silambam

			Championship Otrai Kambu Veechu - Silver	
			Kambu Sandai - Silver	
			Kabadi – Winners (UIT)	
19	Durga.S (Civil)	2013-14	Star Performer (9.00)	
20	Divya Prabha.K (CSE)		Star Performer (8.04)	
21	Aravind.S (ECE A)		Star Performer (8.11)	
22	Remakrishnan.M.A (ECE B)		Star Performer (8.41)	
23	Brahadeeswaran.R (Mech A)		Star Performer (8.31)	
24	Navinkumar.L (Mech B)		Star Performer (8.35)	
25	Santhosh Kumar. D (Mech C)		Star Performer (7.92)	
26	Valliammai. S (Mech D)		Star Performer (8.19)	
27	Bharathi. V (Mech D)		Star Performer (8.19)	
28	Valliammai. S (MECH D)		Essay Writing in Tamil - First	
29	Romisha Kezia G (ECE B)		Essay Writing in Tamil - Second	
30	Sobana. M (CIVIL)		Essay Writing in Tamil - Third	
31	Blessy Victoria. R (ECE A)		Essay Writing in English - First	
32	Angel Dayana. D (CSE A)		Essay Writing in English - Second	
33	Durga. S (CIVIL)		Essay Writing in English - Third	
34	Bharathi. V (MECH D)		Essay Writing in English - Third	
35	Durga. S (CIVIL)		Elocution in Tamil - First	
36	Nivetha . R (CIVIL)		Elocution in Tamil - Second	
37	Bhuvanesh. J (CIVIL)		Elocution in Tamil - Third	
38	Suba Priya. A (CIVIL)		Elocution in English - First	
39	Tharani. S (MECH- D)		Elocution in English - Second	
40	Sanjeeth. S (MECH C)		Elocution in English - Third	
41	Deepa. B (CSE)		District level Silambam competition - First	
42	Deepan Kumar .N (Mech A)		Fifth all India Full Contact Kickboxing Champion – National Level Award	
43	Madhusri. K (CSE)		Paper Presentation, State level Students symposium - First	
44	Nivetha . S (ECE)		Winner (Ball Badminton)	
45	Nivetha . S (ECE)		Runner (Volley Ball)	
46	Mogitha. N (CIVIL)		2014-15	Star Performer (7.73)
47	Deebak. S (CSE)			Star Performer (8.23)
48	Maheshwari. R (ECE)			Star Performer (8.85)
49	Linknath Surya. B (EEE)			Star Performer (8.85)
50	Vignesh. K (MECH D)			Star Performer (8.23)
51	Deepika.D Nivedita.P (MECH A)			Science Paper Presentation - First
52	Samyuktha. M. A Jayageetha. V (ECE)			Science Paper Presentation - Second
53	Naveen V (MECH C)	Maths Paper Presentation - First		
54	Mohan Ram V Mohan Kumar C (MECH B)	Maths Paper Presentation - Second		
55	Mohan S Jeffry David T (MECH B)	Maths Paper Presentation - Third		
56	Syed Sohail Ahamed	English Essay Writing - First		

	(CIVIL)		
57	Abishek Verma (CSE)		English Essay Writing - Second
58	Jemi R (EEE)		English Essay Writing - Third
59	Nandhini Devi C (ECE)		English Elocution - First
60	Mahendra Kumar S (EEE)		English Elocution - Second
61	Sucitha R (ECE)		Tamil Poetry Competition - First
62	Mogitha M (CIVIL)		Tamil Poetry Competition - Second
63	HariPriya M (CSE)		Tamil Poetry Competition - Third
64	Jeevankumar. M (ECE) Sukashkannan E (ECE) Gowtham K (ECE)		Nil Gavani Sol - First
65	Arun Kumar R (MECH A) Arun Kumar S (MECH A) Perarivalan T (CSE)		Nil Gavani Sol - Second
66	Jaffer Sherif S (MECH B)		Science Poster Presentation
67	Anto Rufesh.J.A Dinesh Kumar.M (MECH A)		Science Poster Presentation
68	Deva. M (CIVIL)		1 st Asian Adithada Championship – 2014 Suvadu - Silver
			Kattayana ayutha Jodi - Silver
			Kulu Vilayattu - Bronze
			Athlete - Participation
			3 rd World Silambam Championship - 2015
			Otrai Kambu – Gold
			Kambusandai - Gold
			Vel kambu Veechu - Gold
			Kuluppotti - Silver
Surul Vall Veechu - Bronze			
69	Sonia Dharuman (CSE B) Shanthini. H Roja. L Rathisha. S (ECE)	2015-16	Volley Ball - Third Place
70	Avenya. S (Civil)		Star Performer (8)
71	Surya Prakash(CSE)		Star Performer (8.3)
72	Santhia. S (ECE)		Star Performer (8.4)
73	Sandhya. J (EEE)		Star Performer (8)
74	Shanmuga Surya. B (Mech)		Star Performer (8.3)
75	Gowtham Raja. S (CSE)		Tamil Poetry Competition - Second
76	Shivaranjani. M(CSE)		Oratorical competition(Tamil) - First
77	Priyadharshini. V(ECE) Jeba Princy. S (ECE) Jenisha. E (ECE)		Singing competition (Tamil) - Second
78	Ritiga. M.S (CIVIL) Santhiya (ECE)		Singing competition (Tamil) - Third
79	Sandhiya. K (CSE)		Math Paper presentation - First
80	Avenya. S (CIVIL)		Math Paper presentation - Second
81	Pon Arasan. A (Mech)		Math Paper presentation - Third
82	Sandhiya. K (CSE)		Science Paper presentation - First
83	Harshini. A (ECE)		Science Paper presentation – Second

84	Pon Arasan. A (Mech)		Science Paper presentation – Third
85	Hari Prasanth. K (CSE) Akshay Raj. M (CSE) Aman Kumar Dubey (CSE) Nirmal Shiva. S (CSE) Dinesh Babu. P (CSE)		ADZAP
86	Haripriya. M (Mech)		Elocution (English) – First
87	Harshini. A (ECE)		Elocution (English) – Second
88	Ritiga. M.S (CIVIL)		Elocution (English) – Third
89	Sandeep. D (Mech) Surya. K (Mech) Shanmuga Surya. B (Mech) Robin Raj. J (Mech) Sasikumar. R (Mech) Yogesh. N (Mech)		Quiz – English
90	Abineeth. M (Mech)		Foot Ball – Runner
91	Jeba Princy. S (ECE)		Volley Ball – Runner

24. List of eminent academicians and scientists. visitors to the department

Academic Year	Name of the academicians Scientists	Institution.Industry	Date	Purpose of visit
2012-13	Dr.P. Poongothai	Ret.Professor of English, Kongu Nadu College of Arts and Science.	22.03.2012	Orientation Programme
	Dr.P.Anbalagan	Assistant Professor Govt.College of Technology.	24.03.2012	Orientation Programme
	Dr.P.Santhi	Associate Professor & Head department o f science and Humanities, Coimbatore Institiute of Technology.	28.02.2012	Seminar
2013-14	Dr. Sheela Jayaraj	Ret.Professor of English Janson Institute of Technology.	01.08.2013	Orientation Programme
	Dr.P.Kandaswamy	Prof& Head Department of Mathematics, Director, School of Mathematics&Statistics Dean, Research Coordinator UGC DRS centre for Fluid Dynamics, Bharathiar University.	01.08.2013	Orientation progamme
	Dr.A.K Abdul Hakeem	Assistant Professor of Mathematics Ramakrishna mission Vidyalaya Coimbatore.	02.08.2013	Orientation Programme

	Dr.Kanagasababathy	Professor & Head of Maths and English, Sri Ramakrishna Institute of Technology.	11.08.2013	Orientation Programme
	Dr.Justin Ruban	Assistant Professor Coimbatore Institute of Technology.	16.12.2013	Seminar
2014-15	Prof. M.Balasuremanian	Ret.Professor Sri Eshwar college of Engineering.	22.03.2014	Conference
	Dr.P.Suresh Prabu	Director-Research Karpagam University.	11.08.2014	Orientation Programme
	Dr.S Abraham john	Director, Centre for Nano Research, Gandhigram Rural, Deemed University, Gandhigram.	11.08.2014	Orientation Programme
	Dr.K.P Ilango	Professor in Chemistry, Info Institute of Technology.	12.08.2014	Orientation Programme
2015-16	Mr.K.Kannan	Associate Professor in Mathematics, Hindusthan college Engineering of Technology.	11.02.2015	Orientation Programme
	Dr.P.Chandra Sekar	Professor in Mathematics Nehru Institute Of Technology.	12.02.2015	Orientation Programme
	Dr.S.Arunachalam	Professor in Chemistry Sri Krishna College of Engineering And Technology.	31.01.2015	Seminar
	Dr.A.Chandramohan	Professor in Chemistry Sri Ramakrishna mission Vidyalaya, Coimbatore.	02.11.2015	Orientation Programme
	Dr.T.Nandha Gopal	Assistant Professor of Mathematics, Ramakrishna mission Vidyalaya,Coimbatore.	02.11.2015	Seminar

25. Seminars. Conferences.Workshops organized & the source of funding
a)National b) International

Year	Seminars . Conferences. Workshops	N . I	Title	Date	Funding Agencies
2013-14	Conference	N	Recent Advancements in Science and Humanities	22.03.2014	Private Sponsorship and UIT Trust

N – National I – International S – Self

26. Student profile programme.course wise:

Name of the Course / programme	Batch	Application Received	Selected	Enrolled		Pass percentage (within the minimum period)
				M	F	
ECE	2015-19	65% of students are admitted through single window system by Anna University Chennai and another 35% are admitted through Single Window system by the Consortium of Engineering Colleges	58	15	43	60.3 % (Upto 1 st Sem.)
CSE			76	31	45	57.3 % (Upto 1 st Sem.)
CIVIL			48	27	21	50.0% (Upto 1 st Sem.)
EEE			25	18	7	46.1 % (Upto 1 st Sem.)
MECH			163	158	5	33.7 % (Upto 1 st Sem.)

27. Diversity of Students

Name of the Course.programme	Batch	% of students from the same state	% of students from other States	% of students from abroad
CIVIL	2015-19	95.83	4.16	Nil
CSE		97.4	2.59	Nil
ECE		98.27	1.72	Nil
EEE		100	Nil	Nil
MECH		97.54	2.49	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Not Applicable

29. Student progression

Not Applicable

30. Details of Infrastructural facilities

a) Central Library

S.No.	Description	Quantity in Numbers	
1	Books for students circulation	Titles	453
		Volume	10192
2	Technical Journals	National	Nil
		International	Nil
		E –Journals	Nil

3	News Papers	08
4	Reports	16

b) Department Library

S.No.	Description	Quantity in Numbers	
1	Department Library for Reference	Titles	51
		Volume	360

c) Internet facilities for Staff & Students

S.No.	Description	Quantity in Numbers
1	Computer	63
2	Computer with internet facilities	63
3	Band width	14 mbps
4	Network facilities for all computers	63
5	Printers	6

d) Class rooms with ICT facility

S.No.	Description	Number of rooms
1	Class room with board	9
2	Class room with projector	4
3	Class room with ICT facilities	4

e) Laboratories

Name of Laboratory: **Physics Laboratory I**

Area : 70.39 (Sq m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	Particle size determination set up	6	23,765
2	Ultrasonic Interferometer	6	1,02,750
3	Spectrometer	6	40,975
4	Carey Foster bridge	5	19,404
5	Thermal Conductivity lee's disc	5	44,680
6	Young's modulus	5	29,100
Total Cost			2,60,674

Name of Laboratory: **Physics Laboratory II**

Area : 70.39 (Sq m)

S.No.	Name of Equipment	Quantity	Cost (Rs)
1	Air wedge	5	45,616
2	Spectrometer	6	40,975
3	Young's modulus	5	29,100
4	Band Gap kit	5	13,480
5	Viscosity Apparatus	5	32,074
6	Tensional Pendulum	5	9,840
7	Tool kit	1	384
8	Digital Multi meter	1	640
Total Cost			1,72,109

Name of Laboratory: **Chemistry Laboratory I**

Area : 78.96 (Sq m)

S.No.	Name of Equipment	Quantity	Cost(Rs)
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1	Digital Conductivity meter	4	49040
2	Digital pH meter	8	54,240
3	Digital visible Spectrophotometer	5	1,03,680
Total Cost			2,06,960

Name of Laboratory: **Chemistry Laboratory II**

Area : 70.37 (Sq m)

S.No.	Name of Equipment	Quantity	Cost(Rs)
1	Digital Conductivity meter	4	49040
2	Digital flame Photometer	5	1,65,000
3	Digital Potentiometer	8	38,560
4	Electronic weighing balance	5	50,800
5	Hot air oven	1	18,000
6	Hot plate	2	4,200
7	Digital visible Spectrophotometer	5	1,03,680
8	Micro controller based calorimeter	1	9,800
9	Electrical Bunsen burner	2	4,200
Total Cost			4,43,280

Name of Laboratory: **English Communication Laboratory**

Area : 66 (Sq m)

S.No.	Name of Equipment	Quantity	Cost(Rs)
1	Amplifier	1	19,541
2	Two way speaker	4	13,167
3	Sanyo Projector	1	29,200
4	Zenith Computer	30	5,18,484.50
5	Intex Headphone	35	9,100
6	Projection Screen	1	4,000
Total Cost			5,93,492

Name of Laboratory: **Communication Skills Laboratory**

Area : 66 (Sq m)

S.No.	Name of Equipment	Quantity	Cost(Rs)
1	Canon laser printer	1	5,900
2	Hi-class software	1	90,000
3	Zenith Computer	30	5,18,484.50
4	Intex Headphone	35	9,100
5	Lapel Wireless microphone	1	5,500
Total Cost			6,28,984

31. **Number of students receiving financial assistance from college, university, government or other agencies**

Received financial assistance		2015-2016
Government	First Graduate	160

	SC/ ST	082
	BC / MBC	068
UIT Educational Trust		122
Others		010

32. Details on student enrichment programmes (special lectures . workshops .seminar) with external experts

Academic Year	Special lectures. Workshops.Seminar	Title.Author	Date	External Experts
2012-2013	Guest lecture	Environmental Awareness programme	16.08.2012	Dr.P.N.Magudeshwaran, Prof &Head Department of Science & Humanities, Hindustan College of Engineering & Technology
2013-2014	Lecture	Business Communication	01.08.2013	Dr.P.Anbalagan, Assistant Professor, Government College of technology.
		Nanotechnology	16.12.2013	Dr.S.Abraham john, Director, Centre for nano research, Gandhigram Rural, Deemed University, Gandhigram
2014-2015	Special Lecture	Polimer chemistry and its applications	31.01.2014	Dr.S.S.Ilango Professor in Chemistry Info Institute of Technology
		Personality Development Program At biosphere	13.03.2014 & 14.03.2014	Mr. V. Gopalakrishnan The Nilgiri Biosphere Nature Park (NBNP) Anaikatti, Coimbatore.
		Research Skills for LIS Professional	21.03.2014	Dr.A.Sokkalingam, Librarian, Sri Ramakrishna Vidyalaya Polytechnic College, Coimbatore.
		Recent Innovations of Sports Sciences and its applications	22.03.2014	Dr.E.Amuthan, Assistant Professor in Sri Rama Krishna Mission Vidyalaya, Maruthi College of Physical Education.
	Seminar	Role of grammar in communicative language teaching	22.03.2014	Dr.K.Devadoss, Professor, Kumaraguru College of Technology, Coimbatore
	Workshop	Lab view	21.08.2014	Dr.P.Kathirvel Assistant Professor,

				Amrita Vishwadeepam University, Coimbatore.
	Special Lecture	Motivational talk for first year students about pathways for better placement	25.10.2014	Mr.Mayank Gupta, HR, Dell site lead Coimbatore.
2015-2016	Workshop	Applications of calculus	05.01.2015	Dr.Dhanapal, Professor of Mathematics, Government college of Technology, Coimbatore
	Lecture	Observance of vigilance awareness week	02.11.2015 to 04.11.2015	Mr.N Shanker Subu Mechanical Engineer, Coordinator of Heartfulness programme, Coimbatore
		Photonics & Nano materials	24.10.2015	Dr.S.Mohan Vice- Chancellor Priest University, Thanjavur.

Student Empowerment Programs

The following learning programs were executed for the benefit of I year students in the academic year 2015-2016.

✓ Student Empowerment Programs - @ UIT :

S.No	Date	Learning Program	Total No. of Participants	Learning Outcome
1	03.08.2015	Orientation Program for Budding Engineers	Total = 149 (First Year Students , Circuit Branches - Sem 1)	Understood the nitty-gritties of engineering program . set the base for mental transition from school to college.
2	04.08.2015	Orientation Program for Budding Engineers	Total = 184 (First Year Students, Non-Circuit Branches - Sem 1)	Understood the nitty-gritties of engineering program . set the base for mental transition from school to college.
3	Aug. 2015 to Oct. 2015	Value Add Program (VAP)	Total = 371 (First Year Students- Circuit + Non-Circuit Branches)	Phase 1 : Aug 2015 – Sep 2015 Implemented the concept of mind map that had a positive impact on academics. Tamil medium students were able to learn, understand and recall the subjects effectively. Phase 2 : Oct 15 Presentation Activity - 28 power point presentations done by students.

33. Teaching methods adopted to improve student learning

- Staff members are encouraged to adopt student – oriented teaching.
- Efforts are taken to improve learning through group discussions.
- Effective use of technical aids, such as LCD projectors power point presentations has enhanced the quality of teaching.
- Illustrative charts, models are used to enable students to comprehend complicated concepts.
- Students are encouraged to improve their knowledge through peer interaction.
- MTGs (Micro Teaching Groups) are formed for every subject to achieve this objective.
- Assignments on selected topics are given to students to help them understand analytical subjects.
- Tutorial classes are arranged periodically for the benefit of rural-based and weaker students.
- Guest lectures by eminent professors are arranged periodically.
- Traditional as well as innovative methods are used for enhancing the quality of teaching learning process.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- Students actively participated in tree planting activities.
- Social awareness programs were arranged in the campus with the help of social service organizations such as ‘Siruthuli’.
- Students participated willingly in plastic eradication program in Coimbatore city.
- Regular Blood Donors are identified and their services utilized through Youth Red Cross and NSS.
- Students are encouraged to participate in all social awareness programs organized by NSS.
- Periodical participation of students in leadership camps, programs. Organized by Ramakrishna Vidyalaya & SwamiVivekananda Missionaries.

National Service Scheme

S.No	Date	Event	Academic Year	No. of participation
1	19.01.2015	Blood Donation Camp, Conducted by G.Goundampalayam Urban Primary Health Center, Coimbatore	2014-2015	37
2	25.02.2015	Blood Donation Camp by UIT Education Trust for the patients of Rainbow Blood Bank, Karur.	2014-2015	25
3	11.10.2014	Feeding the poor at Thandigai Perumal Temple, Coimbatore	2014-2015	15
4	03.03.2015	Crowd control at Mari Amman Kovil, Coimbatore	2014-2015	10
5	10.10.2015	World largest students Meet –World Record at Codissia	2014-2015	380
6	12.10.2014	Accident awareness Camp, Coimbatore	2014-2015	55
7	11.10.2015	Crowd Regulation at Thandigai Perumal Temple, Coimbatore	2014-2015	10

8	12.01.2015	Polio Vaccination Camp at Primary health Center, G.Koundampalayam	2014-2015	10
9	07.10.2014	Literacy Programme- Jeeva Karunya Seva Ashram	2014-2015	05
10	21.11.2014	Dengue Awareness Campaign , Periyanaickenpalayam Primary Health Center	2014-2015	20
11	10.10 .2015	Cleanliness Programe at Thandigai Perumal Kovil, Coimbatore.	2015-2016	10
12	18.10.2015	5000 Tree Plantation 2015 organised by Sri Annai Karangal Association at Akudallur Peruratchi, Periyanaickenpalayam	2015-2016	22
13	14.10.2015	Dengue awareness in Kovanoor government Higher Secondary School,Combatore	2015-2016	15
14	27.11.2015	Blood Donation Camp, UIT in association with Govt. Hospital, Mettupalayam	2015-2016	06
15	29.10.2015	'Siruthuli' tree planting Campaign	2015-2016	352
16	13.08.2015	Plastic Eradication Program at Kotagiri.	2015-2016	54
17	02.11.2015 to 04.11.2015	Youth well being Program at UIT	2015-2016	350

35. SWOC analysis of the department and Future plans

Strengths:

- The department has well equipped laboratories as per AICTE and Anna University norms.
- It has fully qualified faculty members.
- The staff student ratio is being maintained as per AICTE norms.
- The department makes use of advanced learning Facilities such as LMS (Learning Management System)
- Special care is taken of weak and rural based students.
- Mentoring (Student Counseling) is done regularly and effectively.
- BEC Program is offered in collaboration with British Council, Chennai to improve the Communication Skills of our students.
- By making use of adequate infrastructural facilities S&H departments strive to serve as effective supporting departments.
- Cordial and conducive atmosphere for learning is being maintained.
- The zeal and enthusiasm of devoted and dedicated faculty members is the main strength of S&H departments.

Weakness

- Less number of Research activities and funded projects.
- Emphasis on exam – oriented teaching.
- No regular interaction with industries and funding agencies.
- Very few Faculty improvement programs.
- Since the syllabus is framed by the parent university (Anna University, Chennai), there is practically no freedom for the affiliated colleges to modify or improve upon the content.

Opportunities:

- Ability to make use of services by eminent professors from other institutions.
- Frequent interaction with leading institutions such as GCT (Government college of Technology, Coimbatore)
- Promoting inter disciplinary programs in collaboration with the engineering departments.

Challenges:

- Grooming the First generation students
- Infusing self confidence and inculcating a sense of social responsibility in the minds of fresh engineering students
- Improving the communication skills and leadership qualities of rural based students.
- Teaching things beyond the scope of the prescribed syllabi.

Future plans:

- Organizing FDP, on regular basis
- Inviting eminent industrialists to the campus to develop a thirst for entrepreneurship.
- Exploring the possibilities of organizing programs to invoke the interest of students in learning more and realizing the importance of Basic Sciences.
- Establishing R & D centre.
- Introducing funded projects.

ANNEXURE



Learn Research
Innovate

UNITED INSTITUTE OF TECHNOLOGY

(Approved by AICTE-New Delhi and Affiliated to Anna University Chennai)

(An ISO 9001:2008 Certified Institution)

G.Koundampalayam, Periyanaickenpalayam, Coimbatore - 641 020. Tamilnadu. India

Ph : 0422 - 2692020 Fax : 0422 - 2697070, www.uit.ac.in Mail : info@uit.ac.in

Date: 10.03.2016

Declaration by the Head of Institution

I certify that the data included in this Self Study Report are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussion, and no part thereof has been outsourced.

I am aware that the peer team will validate the information provided in this SSR during the peer team visit.



P. P. 10/3/16
Principal

Dr. P. Prakasam M.Tech., Ph.D.,
Principal
United Institute of Technology
Coimbatore - 641 020.



Learn Research
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Ph : 0422 - 2692020 Fax : 0422 - 2697070, www.uit.ac.in Mail : info@uit.ac.in

Certificate of Compliance

This is to certify that **United Institute of Technology, Coimbatore, Tamilnadu** fulfils all norms

1. Stipulated by the affiliating University and/or
2. Regulatory Council/Body [such as UGC, NCTE, AICTE, MCI, DCI, BCI, etc.] and
3. The affiliation and recognition [if applicable] is valid as on date.

In case the affiliation / recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Date: 10-03-2016

Place: Coimbatore



P. P. Prakasam
10/3/16

Principal

(Name and Signature with Office seal)

Dr. P. Prakasam M.Tech., Ph.D.,

Principal

United Institute of Technology
Coimbatore - 641 020.



ANNA UNIVERSITY

CHENNAI - 600 025, INDIA

Phone : (O) 22352161, 22357004

Fax : 91-44-2235 1956

Gram : ANNATECH

E-mail : registrar@annauniv.edu

REGISTRAR

Lr No. 02 /AFFLN/CAI/AU/CBE/2015-16/7145

Date: 12-05-2015

To

The Principal,
United Institute of Technology,G.Koundampalayam,
Periyanaickenpalayam, Coimbatore-641020

Sir,

Sub: AU - AFFILIATION - Provisional Affiliation for the existing course(s) / New course(s) / variation in intake - U.G. / P.G. for the academic year 2015-16 Granted - Reg.

- Ref: 1. Your application for affiliation for the academic year 2015-16
2. AICTE Approval for the academic year 2015-16.

I am to inform that under the provisions of Section 7.6.1 of the Statutes for affiliation of Anna University, Chennai, **Provisional Affiliation** for the continuation of the existing course(s) / new course(s) / variation in intake in the existing course(s) is granted for the following U.G / P.G. courses with the sanctioned intake mentioned against each course for the academic year **2015-16** at **United Institute of Technology,G.Koundampalayam, Periyanaickenpalayam, Coimbatore-641020**.

Sl. No.	Degree	Course(s)	Sanctioned Intake	
			2014-15	2015-16
1	B.E.	Civil Engineering	48	54
2	B.E.	Computer Science and Engineering	96	108
3	B.E.	Electrical and Electronics Engineering	48	54
4	B.E.	Electronics and Communication Engineering	96	108
5	B.E.	Mechanical Engineering	216	216
6	M.E.	Computer Science and Engineering	19	21
7	M.E.	Structural Engineering	14	16

The above said Provisional Affiliation is being granted subject to the fulfillment of the conditions mentioned below:

- Production of Originals of AICTE / COA / DGS approval and all other related documents for verification, whenever demanded by the University.
- Verification by a committee towards the fulfillment of the conditions mentioned above and the continued fulfillment of the requirements for the above-mentioned course(s) as per the norms and standards of AICTE and the laboratory requirements as per the curricula and syllabi of Anna University, Chennai for the above courses. In the event of any violation/infringement of the above said conditions and / or the provisions of Anna University, Chennai Act / Statutes / Regulations, AICTE Act, norms & standards / regulations / guidelines or any other law time being in force, suitable action including suspension / withdrawal of affiliation of course(s) may be initiated against the college.
- Under no circumstances, fresh admission be made in the above course(s) during the academic year

2015-16, until and unless the continuation of provisional affiliation is obtained from the University.

The Provisional Affiliation is granted without prejudice to the right of the University of requiring production of certificate required under Section 37-B of TAMILNADU Reforms (LC) Act 1961 subject to the decision of the Hon`ble High Court of Madras in W.A. No. 3454 / 2002 batch and W.A. No. 3482 / 2002 batch.

The Chairman should submit an undertaking duly signed on a Rs.100/- non-judicial stamp paper to **The Registrar, Anna University, Chennai 600 025**, as per the format enclosed towards grant of continuation of affiliation for the academic year 2015-16.

Yours sincerely,



Copy to:

M. Leedy
Director CAI

[Signature]
REGISTRAR
REGISTRAR
ANNA UNIVERSITY
CHENNAI-600 025

1. The Commissioner of Technical Education, DOTE campus, Chennai - 600 025.
2. The Regional Officer, Southern Regional Office, AICTE, 26, Haddows Road, Shastri Bhawan, Chennai 600 006.
3. The Controller of Examinations, Anna University, Chennai - 600 025.
4. The Director, Student Affairs, Anna University, Chennai - 600 025.
5. Master file.



F.No. Southern/1-2451571010/2015/EOA

Date: 17-Apr-2015

To,
The Principal Secretary
(Higher Education) Govt. of Tamil Nadu,
N. K. M. Bld. 6th Floor Secretariat,
Chennai-600009

Sub: Extension of approval for the academic year 2015-16

Ref: Application of the Institution for Extension of approval for the academic year 2015-16

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	Southern	Application Id	1-2451571010
		Permanent Id	1-3341681
Name of the Institute	UNITED INSTITUTE OF TECHNOLOGY	Institute Address	G.KOUNDAMPALAYAM, PERIYANAICKENPALAYAM, COIMBATORE, COIMBATORE, Tamil Nadu, 641020
Name of the Society/Trust	UIT EDUCATIONAL TRUST	Society/Trust Address	167, KANNAN TOWERS, HOPE COLLEGE, AVINASHI ROAD, PEELAMEDU, COIMBATORE, COIMBATORE, Tamil Nadu, 641004
Institute Type	Unaided - Private		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

To conduct following courses with the intake indicated below for the academic year 2015-16



Application Id: 1-2451571010			Course	Full/Part Time	Affiliating Body	Intake 2014-15	Intake Approved for 15-16	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Anna University, Chennai	19	21	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	STRUCTURAL ENGINEERING	FULL TIME	Anna University, Chennai	14	16	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	CIVIL ENGINEERING	FULL TIME	Anna University, Chennai	48	54	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Anna University, Chennai	96	108	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Anna University, Chennai	48	54	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	FULL TIME	Anna University, Chennai	96	108	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	FULL TIME	Anna University, Chennai	216	216	NA	NA	NA

Note: Validity of the course details may be verified at www.aicte-india.org>departments>approvals

The above mentioned approval is subject to the condition that UNITED INSTITUTE OF TECHNOLOGY shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Dr. Avinash S Pant
Actg Chairman, AICTE

Copy to:

1. **The Regional Officer,**
All India Council for Technical Education
Shastri Bhawan 26, Haddows Road
Chennai - 600 006, Tamil Nadu
2. **The Director Of Technical Education,**
Tamil Nadu
3. **The Registrar,**
Anna University, Chennai
4. **The Principal / Director,**
UNITED INSTITUTE OF TECHNOLOGY
G.KOUNDAMPALAYAM,
PERIYANAICKENPALAYAM,
COIMBATORE,COIMBATORE,
Tamil Nadu,641020
5. **The Secretary / Chairman,**
UIT EDUCATIONAL TRUST
167, KANNAN TOWERS,
HOPE COLLEGE, AVINASHI ROAD,
PEELAMEDU,
COIMBATORE,COIMBATORE,
Tamil Nadu,641004
6. **Guard File(AICTE)**

IEQA SUBMISSION DATE-29/02/2016

INSTITUTIONAL ELIGIBILITY FOR QUALITY ASSESSMENT(IEQA) QUESTIONNAIRE

1 COLLEGE DETAILS			
Name of the college	UNITED INSTITUTE OF TECHNOLOGY	Year of establishment	2009
Location of the college	RURAL		
2 ADDRESS			
Address	G.KOUNDAMPALAYAM,PERIYA NAICKENPALAYAM	City	Coimbatore
State	Tamil Nadu	Pin Code	641020
Website	www.uit.ac.in	E-Mail	principal@uit.ac.in
Phone STD Code	0422	Phone No	2692020
Fax STD Code	0422	Fax	2697070
3 HEAD OF THE INSTITUTION			
Name	Dr. P.PRAKASAM	Designation	principal
Status of appointment	PERMANENT		
4 CONTACT DETAILS OF HEAD OF THE INSTITUTION			
Phone std code	0422	Phone number	2692020
Fax std code	0422	Fax	2697070
Mobile	+919688655599	E-Mail	principal@uit.ac.in
5 DOES THE COLLEGE FUNCTION FROM			
a. MAIN CAMPUS			
	AREA OF THE CAMPUS IN ACRES	TOTAL BUILT UP AREA IN sq.m.	
OWN BUILDINGS	10.25	20530.0	
RENTED BUILDINGS	0.0	0.0	
b. SATELLITE CAMPUS			
	AREA OF THE CAMPUS IN ACRES	TOTAL BUILT UP AREA IN sq.m.	
OWN BUILDINGS	0.0	0.0	
RENTED BUILDINGS	0.0	0.0	
6 NAME OF THE UNIVERSITIES TO WHICH THE COLLEGE IS AFFILIATED OR CONSTITUENT			
University1	Anna University, Chennai	Other	
Nature of relationship with the university	AFFILIATED	If affiliated, status of affiliation	TEMPORARY
University2		Other	
Nature of relationship with the university		If affiliated, status of affiliation	
University3		Other	
Nature of relationship with the university		If affiliated, status of affiliation	
7 STATUTORY PROFESSIONAL REGULATORY COUNCIL(S)			
Does the college offer any programme recognized by any Statutory Professional Regulatory Council(s)?	yes		
Programmes offered	B.E., M.E.	Name of the Regulatory Council(s)	AICTE
8 COLLEGE FUNCTIONING			
Type of college	CO-EDUCATION	Time of functioning	DAY COLLEGE
Nature of funding	SELF-FINANCING	Management	PRIVATE
9 MANAGEMENT/TRUST DETAILS			
Name of the Management	UIT EDUCATIONAL TRUST	Recognition under Ugc Act.1956	NEITHER 2f NOR 12B
10 MANAGEMENT/TRUST OF THE COLLEGE IS REGISTERED UNDER			

Society's registration Act of 1960	yes	Relevant Act of the respective state Govt.	yes					
Any other (please specify)								
11 NUMBER OF DEGREES OFFERED BY THE COLLEGE								
UG	5	PG	2					
Research	0	Others	0					
Total	7							
12 DETAILS OF DEGREES OFFERED (B.A., M.A., B.Com., M.Com., B.Sc., M.Sc., M.Phil., Ph.D., etc.,)								
Arts		Commerce						
Science		Education						
Health Science		Engineering & Technology	B.E., CIVIL ENGINEERING, COMPUTER SCIENCE AND ENGINEERING, ELECTRICAL AND ELECTRONICS ENGINEERING, ELECTRONICS AND COMMUNICATION ENGINEERING, MECHANICAL ENGINEERING, M.E., COMPUTER SCIENCE AND ENGINEERING, STRUCTURAL ENGINEERING					
Management		Others						
Is the college opting for Assessment & Accreditation of Teacher Education department separately?			no					
Is the college opting for Assessment & Accreditation of Physical Education department separately?			no					
Number of departments			0					
13 TOTAL NUMBER OF STUDENTS (EXCLUDING THOSE IN SELF-FINANCING PROGRAMMES)								
	UG		PG		M.Phil/Ph.D		Value Added Courses (Certificate/Diploma)	
	Male	Female	Male	Female	Male	Female	Male	Female
General	0	0	0	0	0	0	0	0
SC/ST	0	0	0	0	0	0	0	0
OBC	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0
Grand Total	0							
14 TOTAL NUMBER OF STUDENTS IN SELF-FINANCING PROGRAMMES								
	UG		PG		M.Phil/Ph.D		Value Added Courses (Certificate/Diploma)	
	Male	Female	Male	Female	Male	Female	Male	Female
General	368	122	7	1	0	0	0	0
SC/ST	135	54	0	0	0	0	0	0
OBC	777	288	13	9	0	0	0	0
Total	1280	464	20	10	0	0	0	0
Grand Total	1774							
Total number of students in the college			1774					
15 NUMBER OF TEACHING, TECHNICAL AND ADMINISTRATIVE STAFF								
	Permanent		Temporary		Total			
	Male	Female	Male	Female	Male	Female		
Teachers with PG	72	49	0	0	72	49		
Teachers with M.Phil.	6	14	0	0	6	14		
Teachers with Ph.D	7	1	0	0	7	1		
Teachers with NET/SLET	0	0	0	0	0	0		
Technical staff	17	0	0	0	17	0		
Administrative staff	25	8	0	0	25	8		
Support staff	0	0	0	0	0	0		
Total no. of teachers	85	64	0	0	85	64		
16 SUPPORT SERVICES								
Number of titles of books			3676					
Number of journals			84					

Number of e-resources	1
Does the college have a registered Alumni Association?	yes
Does the college have a functional Placement Cell?	yes
17 UNIT COST OF EDUCATION	
Unit Cost=Total annual expenditure divided by no. of students enrolled	69188.0
Unit cost calculated excluding salary component	42747.0
18 MENTION FIVE ACADEMIC MILESTONES OF THE COLLEGE	
First	UNIVERSITY RANK HOLDERS - 3
Second	PG HAS BEEN STARTED WITHIN A SHORT SPAN OF TIME
Third	ASSOCHAM AWARD FOR BEST VOCATIONAL TRAINING PROVIDER - TRAINING
Fourth	VERY GOOD PLACEMENT RECORD
Fifth	DUE TO WELL DISCIPLINED ACADEMIC EXCELLENCE MORE THAN 35% OF GIRLS STUDENTS HAS BEEN ADMITTED IN THE CURRENT ACADEMIC YEAR
Section 2: Institutional Data Questionnaire	
1. The college has in place a structured internal quality assurance system for ensuring continuous quality monitoring or improvement	YES
2. Library has reading room facilities for students and faculty separately	YES
3. The college uses the students feedback for analysis and improvement purposes	YES
4. Basic computer literacy is ensured for all students in a structured way such as add on courses	YES
5. The college provides financial aid to at least 10% of the general category students	YES
6. The college has a mechanism for counselling students	YES
7. An annual in-house academic calendar is prepared and implemented by the college	YES
8. The college has a mechanism for addressing grievances of students and staff	YES
9. The college promotes scholarly activities of the faculty beyond the syllabus	YES
10. Internet facility is available in the college for faculty and students	YES
11. The college campus is differently-abled friendly	YES
12. The college has a formal mechanism to promote research activities of its students and faculty.	YES
13. The college has adequate sports facility	YES
14. The college has developed a short term and a long term plan for its development and growth	YES
15. Percentage of classrooms equipped with LCD projector	>50%
16. Percentage of teachers using audio-visual aids including computer-aided teaching	>40%
17. The average number of extension activities organised by the college during the last four years	>6
18. Average percentage utilization of annual allocated funds for the last four years	>75%
19. Maintenance expenditure on infrastructure as percentage of the total annual budget	2-4%
20. Average pass percentage of graduating students	>70%
21. Computer students ratio	<1:30
22. Percentage of faculty benefitted from UGC and other staff development programmes (average of last four years)	>10%
23. Percentage of permanent teachers with Ph.D. qualification	<20%
24. Percentage of classes taught by guest faculty or temporary teachers	<20%
25. Students teacher ratio	<30:1
26. Percentage of faculty positions filled against sanctioned posts	>80%
27. Number of add-on courses conducted by the college	>5
28. Awards received by the students in sports and cultural activities in the last four years	National or International Level
29. Percentage of teachers having on-going or completed research projects in the last four years	<10%
30. Number of academic seminars or conferences or workshops that the college has organized (average of last four years)	>4
31. Number of Journals subscribed in the library National or International	>20
32. Percentage of students admitted against the reservation category as per Government of India norms	50-75%
Certificate	
This is to certify that the information given in the IEQA application is true to the best of my knowledge and ability and if the same is found to be false or misleading, I authorize NAAC to initiate any action which it deems fit including withholding the outcome of the Peer Team Visit.	



सत्यमेव जयते
Government of India

Ministry of Human Resource Development

Department of Higher Education

Statistics Division

New Delhi

Certificate



Reference No. C-36990-2015

This is to certify that Principal Prakasam of United Institute of Technology has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2015-2016.

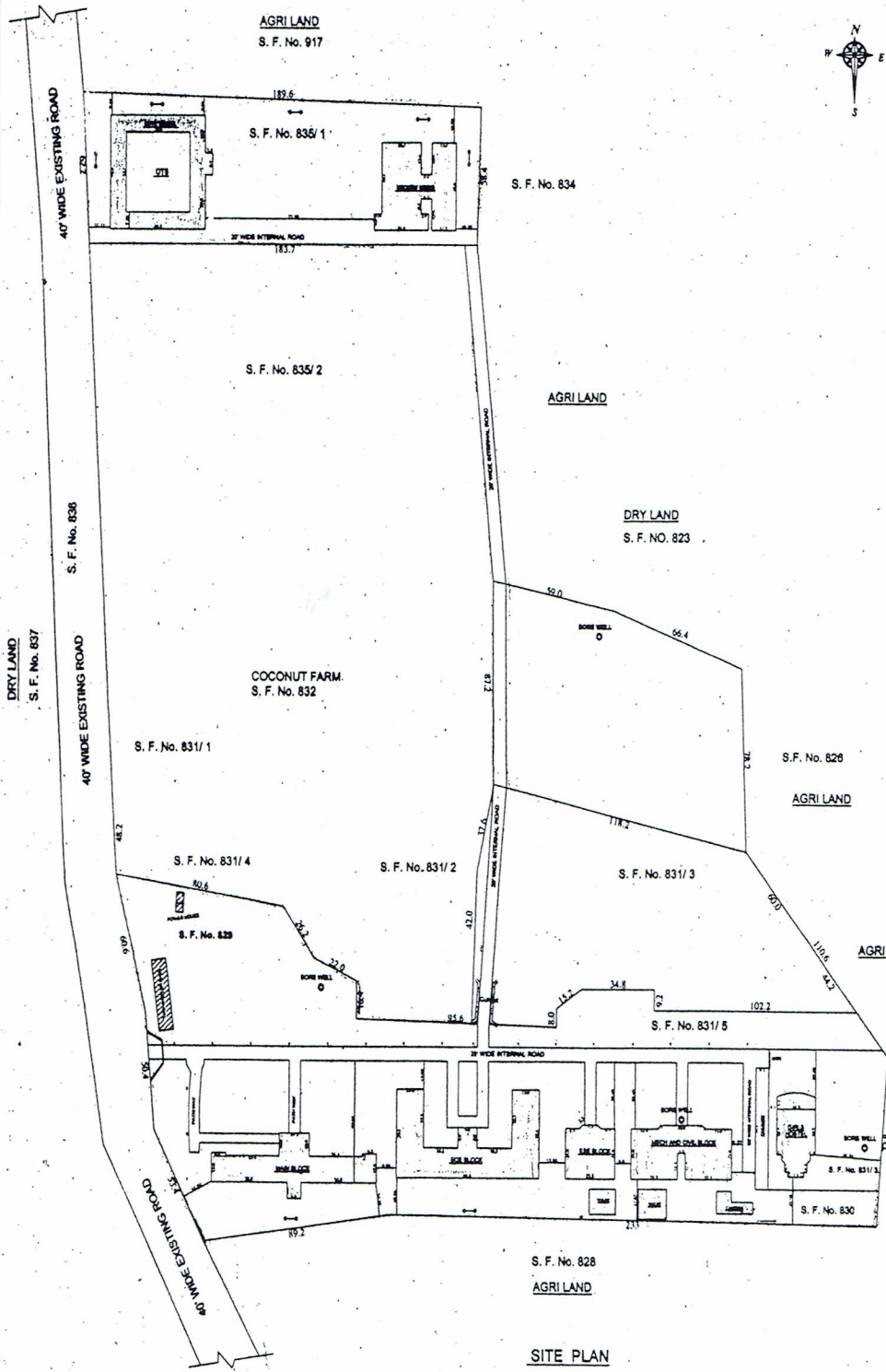
(B N Tiwari)

Deputy Director General

Dated: 10/03/2016

SITE PLAN SHOWING W/0 UNITED INSTITUTE OF TECHNOLOGY, UIT EDUCATIONAL TRUST BUILDINGS IN S. F. NO : 829, 830, 831/3, 831/5 & 835/1, No. 2 GUDALORE VILLAGE AND TOWN PANCHAYAT, COIMBATORE NORTH TALUK AND DISTRICT.

SURVEY FIELD NUMBER	EXTENT IN ACRES	AREA DETAILS	FACTUAL AREA
S. F. NO. 829	3.22	AREA OF THE LAND (13.1M ACRES)	564192.00 (52488.35)
S. F. NO. 830	4.83	MAIN BLOCK	
S. F. NO. 831/3	1.90	AREA OF THE MEZZANINE FLOOR	3678.00 (141.42)
S. F. NO. 831/3	1.90	AREA OF THE GROUND FLOOR	11919.00 (1773.88)
S. F. NO. 831/3	0.46	AREA OF THE FIRST FLOOR	11919.00 (1773.88)
S. F. NO. 835/1	2.71	AREA OF THE SECOND FLOOR	11919.00 (1773.88)
S. F. NO. 835/1	2.71	AREA OF THE THIRD FLOOR	11919.00 (1773.88)
TOTAL EXTENT OF LAND	12.86	AREA OF TERRACE FLOOR - FEBINAR HALL HEAD ROOM	1428.00 (132.9)
		1588.00 (181.82)	
		ICE BLOCK	
		AREA OF THE GROUND FLOOR	17348.00 (1883.85)
		AREA OF THE FIRST FLOOR	17348.00 (1883.85)
		AREA OF THE SECOND FLOOR	18478.00 (1926.84)
		AREA OF THE THIRD FLOOR	18478.00 (1926.84)
		AREA OF THE STAIR HEAD ROOM	1222.00 (122.87)
		ICE BLOCK	
		AREA OF THE GROUND FLOOR	3734.00 (821.77)
		AREA OF THE FIRST FLOOR	3734.00 (821.77)
		AREA OF THE SECOND FLOOR	3734.00 (821.77)
		AREA OF THE THIRD FLOOR	3734.00 (821.77)
		MECH AND CIVIL BLOCK	
		AREA OF THE GROUND FLOOR	11223.00 (1842.84)
		AREA OF THE FIRST FLOOR	11223.00 (1842.84)
		AREA OF THE SECOND FLOOR	11223.00 (1842.84)
		AREA OF THE THIRD FLOOR	11223.00 (1842.84)
		HOTEL BLOCK - BOYS	
		AREA OF THE GROUND FLOOR	12368.00 (1143.44)
		AREA OF THE FIRST FLOOR	12368.00 (1143.44)
		AREA OF THE SECOND FLOOR	12368.00 (1143.44)
		AREA OF THE THIRD FLOOR	12368.00 (1143.44)
		AREA OF TERRACE FLOOR (STAIRCASE HEAD ROOM)	878.00 (81.28)
		HOTEL BLOCK - GIRLS	
		AREA OF THE GROUND FLOOR	8267.00 (578.54)
		AREA OF THE FIRST FLOOR	8267.00 (578.54)
		AREA OF THE SECOND FLOOR	8267.00 (578.54)
		AREA OF THE THIRD FLOOR	8267.00 (578.54)
		AREA OF TERRACE FLOOR (STAIRCASE HEAD ROOM)	262.00 (18.81)
		KITCHEN DRIVING BLOCK	
		AREA OF THE KITCHEN - AC SHEET	4287.00 (298.48)
		AREA OF THE GROUND FLOOR - RCC	8378.00 (784.72)
		AREA OF THE FIRST FLOOR - AC SHEET	1472.00 (984.18)
		AREA OF THE FIRST FLOOR - RCC	572.00 (23.14)



SCALE : 1 : 1000

REFERENCE :

- SITE BOUNDARY
- EXISTING BUILDING
- EXISTING ROAD
- BORE WELL
- RAIN WATER HARVESTING

APPROVAL AUTHORITY

Directorate of Town and Country Planning
Coimbatore Region

Town and Country Planning
Act 1974, Sec 49, Office
Letter No: 2504
Date: 20.09.2014

Approved Subject to the
Conditions Specified in the
Original Order 462/14
Date: 21.09.2014

[Signature]
The Deputy Director (1/4)
Directorate of Town and Country Planning
Coimbatore Region,
Coimbatore.

For UIT EDUCATIONAL TRUST

[Signature]
Chairman

[Signature]
Managing Trustee

APPLICANT / OWNER

[Signature]
A. VIDYA, B.Arch.,
Regd. No. 26263 / CA / 2009
126X, Trichy Road, Ramnathapuram,
COIMBATORE - 641 018.

ENGINEER / IAS

R. Lakshya Sundaram
Grid Surveyed
and Reported
on 12/08/2014
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