

# E.G.S PILLAY ENGINEERING COLLEGE

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

Promoted and Run by

G.S. Pillay & Sons Charitable and Educational Trust (Since 1995)

Old Nagore Road, Thethi Village, Nagapattinam – 611 002, Tamil Nadu, India

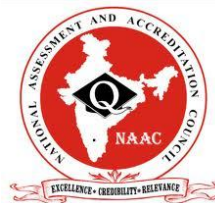
Email: [principal.egspec@gmail.com](mailto:principal.egspec@gmail.com), Phone: 04365 – 251112

Website: <http://www.egspec.org>



## SELF-STUDY REPORT

**Submitted to**



## NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

(An Autonomous Institution of the University Grants Commission)

P. O. Box No. 1075, Nagarbhavi,  
Bangalore -560072, Karnataka, India

# E.G.S PILLAY ENGINEERING COLLEGE

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

## CONTENTS

Sl.No.	Particulars	Page No.
<b>1</b>	<b>Preface: Background of the institution</b>	<b>1</b>
<b>2</b>	<b>Executive Summary</b>	<b>6</b>
<b>3</b>	<b>SWOC Analysis of the Institution</b>	<b>10</b>
<b>4</b>	<b>Profile of the Institution</b>	<b>11</b>
<b>5</b>	<b>Criteria-wise Analytical Report</b>	<b>22</b>
<b>5.1</b>	<b>Criterion – I: Curricular Aspects</b>	<b>22</b>
1.1	Curricular planning and implementation	22
1.2	Academic flexibility	27
1.3	Curriculum enrichment	46
1.4	Feedback system	60
<b>5.2</b>	<b>Criterion – II : Teaching – Learning and Evaluation</b>	<b>63</b>
2.1	Student enrolment and Profile	63
2.2	Catering to Student Diversity	68
2.3	Teaching – Learning Process	70
2.4	Teacher Quality	97
2.5	Evaluation Process and Reforms	110
2.6	Students Performance and Learning Outcomes	112
<b>5.3</b>	<b>Criterion – III: Research, consultancy and extension</b>	<b>118</b>
3.1	Promotion of Research	118
3.2	Resource Mobilization for Research	135
3.3	Research facilities	137
3.4	Research publications and awards	137
3.5	Consultancy	148
3.6	Extension activities and Institutional Social Responsibility	150
3.7	Collaborations	153
<b>5.4</b>	<b>Criterion – IV : Infrastructure and Learning Resources</b>	<b>161</b>
4.1	Physical Facilities	161
4.2	Library as a Learning Resource	164
4.3	I.T Infrastructure	167
4.4	Maintenance of Campus Facilities	169
<b>5.5</b>	<b>Criterion – V : Student Support and Progression</b>	<b>170</b>
5.1	Students Mentoring and Progression	170
5.2	Student Progression	177

	5.3	Students Participation and Activities	185
	<b>5.6</b>	<b>Criterion – VI : Governance Leadership and management</b>	<b>194</b>
	6.1	Institutional Vision and Leadership	194
	6.2	Strategy Development and Deployment	195
	6.3	Faculty Empowerment Strategies	199
	6.4	Financial Management and Resource Mobilization	201
	6.5	Internal Quality Assurance System (IQAS)	202
	<b>5.7</b>	<b>Criterion – VII : Innovations and Best Practices</b>	<b>203</b>
	7.1	Environment Consciousness	203
	7.2	Innovations	205
	7.3	Best Practices	206
	<b>5.8</b>	<b>Presentation of Best Practices - I</b>	<b>207</b>
		Studies on the Efficacy of Rain Water Harvesting System under Nagapattinam Coastal Situation	
	<b>5.9</b>	<b>Presentation of Best Practice - II</b>	<b>208</b>
		Feasibility Testing and Extension of the Technology of Solar cum Wind Operated Power Generation System	
<b>6</b>		<b>Evaluative Report of the Departments</b>	<b>211</b>
	6.1	Department of Mechanical Engineering	211
	6.2	Department of Computer Science and Engineering	225
	6.3	Department of Electrical and Electronics Engineering	240
	6.4	Department of Electronics and Communication Engineering	252
	6.5	Department of Information Technology	263
	6.6	Department of Civil Engineering	285
	6.7	Department of Master of Business Administration (MBA)	290
	6.8	Department of Master of Computer Applications (MCA)	304
	6.9	Department of Science and Humanities	316
<b>6.a</b>		<b>Annexure</b>	<b>332</b>
	6.a.1	Extension of Approval by AICTE	332
	6.a.2	Faculty Evaluation by HOD - Format	342
	6.a.3	Faculty Evaluation by Peers - Format	343
	6.a.4	Faculty Evaluation by Students - Format	344
	6.a.5	Master Plan for Creation of Infrastructural Facilities	345
	6.a.6	Audited Statement of Income and Expenditure	347
<b>7</b>		<b>Declaration by the Head of the Institution</b>	<b>361</b>

## 1. PREFACE

### BACKGROUND OF THE INSTITUTION

E.G.S Pillay Engineering College is a pioneering Engineering College, established in the year 1995, at Nagapattinam, which is a typical rural and backward area of Tamil Nadu. The institution was created by Late.G.S.Pillay. He was born on 2<sup>nd</sup> January, 1930 in a poor family. He was deprived of education due to his family circumstance. He went to Seychelles when he was 15 years old in search of employment for his livelihood. Through his sincere, hard and dedicated work, he started his own business in Seychelles in the year 1960 and from then on, he consistently scaled newer heights in his business ventures in that soil. His Dream of providing education to scores of underprivileged rural youth, paved the way to establish the following educational institutions in his birth place.

SL.No	Name of the Institution	Year of Establishment
01	E.G.S Pillay Engineering College	1995
02	E.G.S Pillay Arts and Science College	1996
03	E.G.S Pillay College of Pharmacy	2000
04	E.G.S Pillay Polytechnic College	2011
05	E.G.S Pillay College of Education	2014
06	E.G.S Pillay Nursery and Primary School	2006

The farsightedness and long range planning of the late Chairman, Mr.G.S.Pillay received whole hearted support from the members of the Trust and got various programs implemented with the support of the nominated and officiating Secretaries of the trust from time to time. In recognition of his service to the cause of education in Nagapattinam district, he was fondly called as **“Father of Education”**. He lead a simple life having admirable qualities, exhibiting patriotism, kindness to fellowmen, service to the people in times of natural disasters, contribution to create amenities for common people, spirituality related works etc., which earned him name, fame and citations like, Doctor of Philosophy (Honoris causa), Chavalier and Man of Spiritualism.

The E.G.S Pillay Engineering College, Nagapattinam was the first institution established by Mr.G.S.Pillay in the year 1995 aiming at providing world class education in engineering, fostering industrial prosperity and aiding the socio-economic development of the nation at large. The institution was affiliated to Bharathidasan University, Trichy during the years 1995 to 2006 and afterwards the affiliation is being accorded by the Anna University.

The college is located in the significant pilgrimage zone of south India covering Velankanni, Nagore and neighbour state Karaikal-Thirunallar. It is situated close to East Coast Road (ECR) between Karaikal and Nagapattinam and 2 km from Nagore. The nearest Railway

station is Nagapattinam which has direct link with Chennai and Trichy. The nearest airport is Trichy which is 120 km away and that of Chennai is 350 km away.

The college is stepping into 19<sup>th</sup> year of excellent service in the year of 2014. Over these years, the college has attained commendable growth by developing itself in every aspect, in terms of academic programs, infrastructure development, staff recruitment, students admission, project and research activities, Transport, Training and Placement, centralized library, Sports and games etc.,

The college offers 6 UG degree program in B.E/B.Tech and 6 PG degree programs in M.E including MBA and MCA.

The Programs are

**UG Courses:**

- B.E – Mechanical Engineering
- B.E – Civil Engineering
- B.E – Computer Science and Engineering
- B.E – Electrical and Electronics Engineering
- B.E – Electronics and Communication Engineering
- B.Tech – Information Technology

**PG Courses:**

- Master of Business Administration
- Master of Computer Applications
- M.E – Manufacturing Engineering
- M.E – Computer Science and Engineering
- M.E – Communication Systems
- M.E – Power Electronics and Drives

The admission process for the year 2015-2016 is going on, which is expected to be completed by the month of July 2015.

During the academic year 2014-2015, the strength of students admitted in various programs is furnished below.

UG Programme	I Year	II Year		III Year	IV Year	Total
		Regular	Lateral			
<b>Mech</b>	120	124	24	147	107	522
<b>CSE</b>	80	90	16	122	103	411
<b>ECE</b>	100	118	11	70	69	368

<b>EEE</b>	58	62	13	74	66	273
<b>IT</b>	42	37	04	52	58	193
<b>Civil</b>	120	121	20	72	74	407
<b>Total</b>	520	552	88	537	477	2174

<b>PG Courses</b>	<b>I Year</b>	<b>II Year</b>		<b>III Year</b>	<b>Total</b>
		<b>Regular</b>	<b>Lateral</b>		
<b>MBA</b>	108	120	-	-	228
<b>MCA</b>	16	30	46	69	161
<b>ME –Manufacturing</b>	19	14	-	-	33
<b>ME- CSE</b>	14	20		-	34
<b>ME- PED</b>	11	18	-	-	29
<b>ME- CS</b>	17	20	-	-	37
<b>Total</b>	185	222	46	69	522

UG programme	-	2174
PG Programme	-	522
		-----
Grand Total		2696
		-----

The Faculty strength of the College is 183 and the college maintains the staff-students strength ratio of 1:15 for ensuring effective and quality education to the students.

The administration of the college is looked after by the Secretary of the Trust assisted by the advisor Dr.R.Karunanithi. The academic programs and the day to day activities are implemented by the Principal, Dr.S.Ramabalan, Registrar, Prof.B.Saravanakumaran and Prof.V.Mohan, Vice-Principal. The college adopts Participatory Management Principle and the administration is a complete decentralized set up with Heads of Departments for academic matters and specified administrative heads for developmental activities. The college has the required well qualified and experienced faculty members who are continuously encouraged with incentives and promotions. Senior faculty members are permitted to pursue Doctoral programs for gaining knowledge and for career growth. For the promotion of R&D activities in the College, exclusive R&D Department has been created headed by the Director, Dr. M.K.Mishra. It is a regular feature in this college that our staff members are successful in getting several R&D, Faculty Development and other programs sanctioned by AICTE, New Delhi, Anna University and other Institutions. The college has organized 5 International conferences and 10 National conferences, Workshops, etc., during the last four years. The College has been selected by Anna University as a Nodal Centre

for Quality Improvement Cell. The Advisor, Dr. R. Karunanithi who was holding the post of Principal served as Member of the Academic Council, Anna University, Trichy.

The institution has been providing facilities continuously to the students to acquire additional skills and to undergo enrichment courses. In this connection, Anna University Nodal Centre for QIC has been established in our college. NPTEL offered by IIT Madras, Spoken Tutorial project offered by IIT Bombay and Faculty training program offered by Anna University, Chennai are made available to the staff and Students. Bridge courses, Value added Course and Certification Courses are regularly offered to the students. Facility for receiving lecture from Eminent Professors of Anna University through Anna Edu-Sat programme has been created.

A training and placement cell is functioning efficiently in the college, headed by a Director and assisted by supporting staff. The cell organizes various programs to train the students for placement programs. It invites experts from various parts of the country to enhance the students' employability skills and communication skills. In the current year, 307 students of the final year have been placed in reputed organizations through campus recruitment program.

Discipline and Education are treated on par and the students are taken care by the staff on curriculum basis. The student's progress is monitored on daily basis and the parents are informed about the student's progress frequently. Irregularity, absenteeism etc of the students are reported to the parents then and there and students are motivated to shift to the right path. Special programmes are conducted for the slow learners for bettering their programme in the University exams. Through consistent efforts taken by the institution, our students get appreciable number of university ranks. For example our students obtained **7** University ranks at the year 2012-13, got **15** ranks the year 2013-14 and **31** ranks the year 2014-15.

The institution has constituted Internal Quality Assurance Cell at the Department Level and at the College level for the development and application of quality bench marks / parameters the various academic administrative activities of the institution.

The Internal Quality Assurance Cell of the Institution consists of the following members

1. Dr. R. Karunanithi, M.E., Ph.D	Advisor
2. Dr. S. Ramabalan, M.E., Ph.D	Principal
3. Prof. B. Saravanakumaran, M.E., (Ph.D)	Registrar
4. Prof. V. Mohan, M.E., (Ph.D)	Vice-Principal
5. Dr. R. Karthi, MBA., Ph.D	Director/MBA
6. Prof. M. Chinnadurai	HOD/IT

7. Prof. T. Ganesan	HOD/CSE – A
8. Prof. S. Mahalakshmi	HOD/CSE – B
9. Prof. T. Gurumoorthy	HOD/Mech
10. Prof. P. Mallika	HOD/Civil
11. Prof. Lakshmi Reka	HOD/ECE
12. Prof. R. Anandraj	HOD/EEE
13. Prof. J. Vanitha	HOD/MCA
14. Dr. S. Ponsadai Lakshmi	HOD/S&H - 1
15. Prof. J. Hemavathy	HOD/S&H - 2

This Self Study report has been prepared with the participation of the Department level Internal Quality Assurance Cell consisting of the following members.

1. Dr. R. Karunanithi, M.E.,Ph.D	Advisor
2. Prof. S. Manikandan, M.E	Asst.Prof/IT
3. Prof. K. Manikanda Kumaran, M.E	Asst.Prof/IT
4. Prof. P.J. Suresh Babu, M.E	Asst.Prof/EEE
5. Prof. Ganesan	Asst.Prof/EEE
6. Prof.Sudhir Shenai	Asst.Prof/CSE
7. Prof. T.Sowkarthika	Asst.Prof/CSE
8. Prof.D.Devarajan	Asst.Prof/ECE
9. Prof.S.Senthil Kumar	Asst.Prof/ECE
10. Prof.Ramadoss	Asst.Prof/Mech
11. Prof.C.Manikandan	Asst.Prof/Mech
12. Prof. Sankar	Asst.Prof/Mech
13. Prof.B.Manikandan	Asst.Prof/Mech
14. Prof.S.Visalatchy	Asst.Prof/MCA
15. Prof.B.Asha Daisy	Asst.Prof/MBA
16. Prof.M.Ganga	Asst.Prof/MBA
16. Prof.T.Clarina	Asst.Prof/S&H
17. Prof.S.Sangeetha	Asst.Prof/S&H
18. Prof.J.Chandramohan	Asst.Prof/S&H
19. Prof.A.Jaya Anparasi	Asst.Prof/S&H
18. Prof. Ayya Moorthy	Asst.Prof/Civil



## **2. EXECUTIVE SUMMARY**

### **Criterion – I**

#### **Curricular Aspects:**

The institution is affiliated to the Anna University, Chennai. Hence the Anna University, Chennai looks after all the academic issues such as Board of Studies meetings, Academic Council meetings, framing regulations, designing and periodical revision of curriculum and syllabus. It is mandatory that all the 575 and odd Engineering Colleges in Tamil Nadu have to follow the syllabus, rules and regulations of the Anna University, Chennai. Time table for conducting University theory Examinations and Practical Examinations is prepared by the Anna University and conduct of the same is implemented by Anna University by deputing Anna University representative. The Principal of the institution Draws External examiners from the nearby Engineering Colleges for the Examination Hall Supervisor works. The Principal allots internal examiners to assist the External Examiners. The Examination answer papers and other stationery requirements for conducting the Examination are supplied by the Anna University. The Anna University representative brings in person, the day to day Question Papers. The entire examination proceedings are held under the direct supervision of the Anna University Representative. The answer papers are taken by the Anna University Representative to the examination Nodal Centre then and there. The Nodal Centre has taken meticulous care for conducting the Examination. The Nodal Centre sends the Flying squad for executing surprise checks in the proceedings of the Examination to ensure that the institution and the students do not adopt any type of malpractices when the examination are on. Valuation of Answer papers, Publication of results, revaluation, retotalling, issue of Photocopy of the valued answer papers on demand etc., are done by the Anna University.

### **Criterion – II**

#### **Teaching – Learning and Evaluation:**

It is needless to mention that quality in teaching and learning system can be achieved only by appointing well qualified and experienced faculty members. Our institution strives hard to achieve excellence in teaching and learning by engaging well qualified and experienced teachers. The aspects of Faculty development, provision of incentives for acquiring additional skills by the teachers etc are given top most priority. The Students are admitted strictly following the rules and regulation set forth by the Director of Technical Education of the Government of Tamil Nadu. Sixty Five percent of the sanctioned strength of the students for the particular course is filled by the state Government (as Government Quota) through single window counseling. The remaining 35% of the seats is filled by the Institution (as Management Quota). The strength of our Institution is that it is the most liked Institution in the region by the students and parents. Conducting class committee meetings,

award of internal marks, coverage of syllabus, conducting weekly tests, mid-term tests, provision of extra care to slow learners etc., are systematically followed for effective curriculum delivery. The feedback mechanism for faculty from students helps in taking corrective measures by the teachers and in motivating them to rise up to the occasion. Our institution is the “Anna University Nodal Centre for Quality Improvement Cell” and we implement several programmes like NPTEL, Anna Edusat, etc., for enriching the knowledge levels of the students and for making teaching learning and evaluation, highly useful and effective.

### **Criterion – III**

#### **Research, Consultancy and Extension:**

The College administration gives priority for the Research and Developmental activities. The R & D programs are executed by the Dean (R&D) of the Institution. The Dean (R&D) has continuous contact with the Head of the Departments and Faculty members to monitor person oriented projects, student’s mini projects and team projects. The faculty members are rewarded suitably if they get funded projects from reputed institutions like AICTE, UGC and other bodies. It is a regular feature of the institution that our teachers have been getting sponsored Faculty Development Programmes, Staff Training Programmes, and Project under Research Promotion scheme etc., sanctioned by the AICTE. So far we have got one RPS Project, 3 FDP’s and 2 STP’s sanctioned by the AICTE, New Delhi and Anna University, Chennai. We have been offering consultancy services to several manufacturing and building construction industries. We have established a material testing centre for testing materials. The Consultancy services centre has earned **Rs. 7, 00,000** by way of testing fees over the last four years.

### **Criterion - IV**

#### **Infrastructure and Learning Resources:**

The following infrastructural facilities of the college augment learning

- Massive Buildings to house departments and classrooms
- Workshop and laboratory blocks
- Central Library
- Digital Library and Anna University Nodal Centre for Quality Improvement Cell
- Anna - Edusat Learning Centre
- Auditorium and Multipurpose hall with a seating capacity of 1200
- Separate Hostel for Boys and Girls with a total accommodation of 150 students
- Canteens and book shop
- Bank extension counter and ATM centre
- Teaching and non teaching staff Quarters – 4 Nos.
- Boys and Girls hostel.

- Material Testing Laboratory
- College Press and Publication Centre
- Playground and indoor games

## **Criterion - V**

### **Student Support and Progression:**

The total strength of UG Students is 2002 and that of PG is 430. For effective student support service, student counselling systems have been implemented. In this scheme 20 students are assigned to each faculty. The students academic, personal and day to day problems are monitored by the counseling teacher (ward counselor). The Training and Placement department looks after the students training for capacity building in various aspects and career guidance. M.O.U has been signed with the leading H.R Trainers and other organizations which conduct specialized programmes in skill training for the benefit of the students and staff members. The T & P department takes lead role in inviting several reputed recruiting companies every year. Several scholarships and financial assistance are being provided to the academically strong and economically weak students. Students are motivated to attend National and International conferences organized by the different Institutions located in Tamil Nadu. It is a regular feature in our college that we have been organizing National and International conferences every year involving Staff and Students. The Alumni Association is a registered body and the interaction from the illustrious alumni has produced appreciable results in the student's career. Book bank scheme has been introduced in the college, to start with I year students and text books (6nos per semester) are issued to the students for a period of one semester. Under this scheme 6600 text books at a cost of Rs. 20,00,000 has been purchased. NSS and Students Technical Associations provide platform for capacity building, social service and extension activities such as organization of technical seminars, awareness programmes, Medical camps, Blood donation etc.,

## **Criterion - VI**

### **Governance, Leadership and Management:**

The Institution provides the fullest scope for free and fair administration. The administration is supported by the Secretary, Advisor, Principal, Vice-Principal, Registrar, Purchase Officer, Deans, Directors, HODs, Academic Auditing, Financial Auditing, Estate office etc.,. The Governing council and Research and Development council meet at frequent intervals to discuss and launch many innovative programs. The Administrative system is a decentralized one and the Secretary of the Institution has been staying with his family in the campus to look after the various aspects like faculty requirement, infrastructure, finance and expenditure, staff and students welfare etc., Functions such as Career guidance programs, Awareness activities, Tech Workshops, Symposium, Conferences etc are designed to show case the talents of the students. E-Governance system, faster and authentic data management

facilities, students monitoring, etc have been implemented in support by the effective administrative set up. Commendable leadership is continuously provided for Drawing R & D Proposals, monitoring academic activities and planning all round development of the Institution.

## **Criterion – VII**

### **Innovation and Best Practices:**

Our Institution is a typical rural institute. The students belong to the predominantly poor families of Fishing, Farming and other communities. The students admitted are almost average and below average levels, the creamy layer students opting to go to the adjoining city colleges. Still, our institution is the most preferred college in this district and adjoining regions, in view of the infrastructure, students care, coaching, Transport and other appreciable facilities available in the college. We experience difficulties in getting sufficient number of well qualified and experienced faculty, in view of the locational disadvantage like, fog end and rural area. In spite of all the difficulties we have been adopting several innovative practices for effective teaching and learning. The following are the best practices adopted in our college.

- Faculties have been motivated in such a way that they have got several FDP's, STP's, R&D Projects under RPS etc, sponsored by AICTE, Anna University and other bodies.
- Anna university has granted permanent affiliation to six department viz. Mechanical, EEE, CSE, IT, MBA and MCA.
- Application has been submitted to the UGC for getting UGC recognition under 2(F) and 12(B) through Anna University. It is expected that orders from UGC including our college under section 2(F) and 12(B) of UGC Act. will be issued within a month.
- We have been organizing IEEE International Conferences, National Conferences, and Technical exhibition cum Talent Shows etc, every year consecutively.
- Systematic weekly tests, term tests, allotment of assignments, attendance monitoring, conduct of parent – teacher meetings, etc have yielded appreciable results in molding the students.
- Hostel stay and study program for slow learners. Education and discipline are given equal weightage to mold the students as good citizens of India.
- Feasibility Testing and Extension of Solar cum Wind Operated Power Generation Technique have been undertaken.
- Studies on the efficacy of Rain Water Harvesting System under Nagapattinam Coastal Situation have been started.
- Waste water of the College is treated and used for irrigating crops and watering plants and trees

### **3. SWOC ANALYSIS OF THE INSTITUTION**

#### **Strength:**

- ❖ Institution is 19 years old and located in city limits
- ❖ Faculty retention is appreciable
- ❖ Encouragement for acquisition of higher qualification by faculties
- ❖ Funded Research Projects, Sponsored FDP's/STP's/Conferences

#### **Weakness:**

- ❖ Majority of students are of average level and from rural areas
- ❖ Majority of students are dayscholars.
- ❖ Inadequate industry interaction
- ❖ Qualified/Experienced faculty are unwilling to come due to locational disadvantage
- ❖ R & D and Consultancy works are to be improved.
- ❖ Sports and games activities are to be improved

#### **Opportunities:**

- ❖ Scope for person oriented and location specific and sponsored research projects.
- ❖ Innovation in teaching-learning process.
- ❖ Preparations for web-based online courses
- ❖ Attraction of students from all over Tamil Nadu and other states.
- ❖ Students participation in club activities, inter collegiate activities etc.
- ❖ Preparing students for GATE, Aptitude Exams, etc.
- ❖ Increased interaction with industries and alumni

#### **Challenges:**

- ❖ Training of average students and with rural and diverse background.
- ❖ Preparations for students' progression in higher education
- ❖ Rising up to the level of technology development.
- ❖ Consultancy and extension services
- ❖ Collaboration with industries/Institutions.
- ❖ Attracting creamy layer students and students from other districts/states

#### 4. PROFILE OF THE INSTITUTION

##### 1. Name and Address of the College:

Name :	E.G.S.Pillay Engineering College		
Address :	E.G.S.Pillay Engineering College, Nagore Main Road, Thethy, Nagapattinam		
City : Nagapattinam	Pin : 611002	State : Tamil Nadu	
Website :	http://www.egspec.org		

##### 2. For Communication :

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr.S.Ramabalan	O:04365251112	9894831458	04365251114	principal.egspec@gmail.com
Vice Principal	Prof.V.Mohan	O:04365251112	9942986674	04365251114	viceprincipal.egspec@gmail.com
Steering Committee Coordinator	Dr.R.Karunanithi	O:04365251112 R:04365220995	9842454121	04365251114	rkknithidr@gmail.com

##### 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

i. Regular

ii. Day

iii. 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: 30.04.1995

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:

Application has been submitted to the UGC for getting UGC recognition under 2(F) and 12(B) through Anna University. It is expected that orders from UGC including our college under section 2(F) and 12(B) of UGC Act.will be issued within a month.

Under Section	Date, Month & Year (DD-MM-YYYY)	Remarks (if any)
i. 2 (f)	-	Application submitted to UGC
ii. 12(B)	-	Application submitted to UGC

(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.	AICTE Approval	04.06.2014	Renewed every year	
ii.	Nodal Centre for Anna University Quality Improvement Cell	02.02.2014	Permanent	
iii.	Permanent affiliation of Six Courses by Anna University.	12.11.14 (Mech,CSE,IT,EE) 12.06.2014 (MBA,mCA)	Permanent	

(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: ..... (dd/mm/yyyy)

b. For its performance by any other governmental agency?

Yes

☐

No

☐

If yes, Name of the agency ..... and

Date of recognition: ..... (dd/mm/yyyy)

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

Location *	Nagore Main Road, Thethy, Nagapattinam
Campus area in sq.mts.	1,48,400 ( 37.10 Acres )
Built up area in sq.mts.	58,184

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 ----- 2 nos
- Seminar complex ----- 2 nos
- Sports facilities
  1. Play ground ----- √
  2. Swimming pool—Arrangements have been made with Gov't swimming pool available opposite to our college.
  3. Gymnasium -----√
  4. Indoor Games ----- √
- Hostel
  - Boys' hostel
    - i. Number of hostels ----- ONE
    - ii. Number of inmates ----- 80
    - iii. Facilities (mention available facilities)

There are 30 rooms available for accommodation



One common room cum study room with two computers with Wi-Fi facility has been provided. There is a gymnasium

Girls' Hostel

- i. Number of hostels ----- ONE
- ii. Number of inmates ----- 70
- iii. Facilities (mention available facilities)

There are 25 rooms available for accommodation  
One common room cum study room with two computers with Wi-Fi facility has been provided

Working women's hostel: Nil

- i. Number of inmates
- ii. Facilities (mention available facilities)

- Residential facilities for teaching and non-teaching staff (give numbers available – cadre wise)

Teaching staff : Male: 8 Female: 5

Non teaching staff : 4

- Cafeteria : 2

- Health Centre:

Health Centre with First aid and Emergency care and Ambulance have been created in the campus. Government Hospital and Private Hospital with multi speciality provisions are available within 3 kms. 24-hour Ambulance facility is available in the college campus.

Health centre staff-

Qualified Doctor	Full time	<input type="text"/>	Part-time	<input type="text" value="√"/>
Qualified Nurse	Full time	<input type="text"/>	Part-time	<input type="text" value="√"/>

- Facilities like banking, post office, book shops:
  - ✓ Lakshmi Vilas Bank extension counter, Lakshmi Vilas Bank ATM Center and Book Shop are available in the Campus. Post office is available within 0.5 kms (District Collector's office)
  - ✓ We have a separate transport department with a fleet of 40 buses. Our college buses cover Nagapattinam, Thiruvavur and Karaikal districts, covering maximum one way distance of 70 kms in 40 routes.

- ✓ Biological waste disposal – Dealt by our College staff and done with the assistance of Government Public Health Authorities.
- ✓ Generator or other facility for management/regulation of electricity and voltage - We have installed one generator in each block to facilitate uninterrupted power supply.
- ✓ Solid waste management facility – Dealt by our college staff and by the Government Public Health Authorities when ever needed.
- ✓ Waste Water management – Waste water of the campus is treated and the treated water is used for watering the plants.
- ✓ Water harvesting – We have created two numbers of rain water collection and storage ponds which can store a total quantity of 12000m<sup>3</sup> of rain water.
- ✓ Animal house: NIL

12. Details of Programmes offered by the college (Give data for current academic year)

Sl.No	Programme Level	Name of the Programme / Course	Duration	Entry Qualification	Medium of Instruction	Sanctioned/ approved Student strength	No. of students admitted
01	UG	Mechanical Engineering	4 years	+2 for Direct First year and Diploma for Direct Second Year	English	120	120
02		Civil Engineering				120	120
03		Computer Science and Engineering				120	80
04		Electrical and Electronics Engineering				60	58
05		Electronics and Communication Engineering				120	100
06		Information Technology				60	42
Total						600	520
01	PG	Master of Business Administration	2 years	Any Degree course with 3 years duration after +2 and 4	English	120	108

				years Engineering Degree Course			
02		Master of Computer Applications	3 years	BCA/Any Degree with Mathematics in +2 exam		60	16
03		Manufacturing Engineering	2 years	B.E/B.Tech		18+02	19
04		Computer Science and Engineering				18+02	14
05		Communication Systems				18+02	17
06		Power Electronics and Drives				18+02	11
Total						260	185

13. Does the college offer self-financed Programme?

Yes

No

√

If yes, how many?

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

Yes	√	No		Number	4 (UG:01, PG:03)
-----	---	----	--	--------	------------------------

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)				

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

a. Annual System

b. Semester System

c. Trimester System

17. Number of Programmes with

a. Choice Based Credit System

b. Inter/Multidisciplinary Approach

c. Any other (specify and provide details)

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

Yes  No

If yes,

a. Year of Introduction of the programme(s) ..... (dd/mm/yyyy) and number of batches that completed the programme

b. NCTE recognition details (if applicable)

Notification No. : .....

Date : .....

Validity: .....

c. Is the institution opting for assessment and accreditation of Teacher Education Programme separately?

Yes  No

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

Yes  No

If yes,

a. Year of Introduction of the programme(s) ..... (dd/mm/yyyy) and number of batches that completed the programme

b. NCTE recognition details (if applicable)

Notification No. : .....

Date: .....

Validity: .....

- c. Is the institution opting for assessment and accreditation of Physical Education Programme separately?

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
Sactioned by the UGC / University / State Government	-	-	-	-	-	-	-	-	-	-
Recruited										
Yet to recruit	-	-	-	-	-	-	-	-	-	-
Sactioned by the Management / society or other authorized bodies										
Recruited	06	-	11	05	78	78	18	08	17	04
Yet to recruit	-	-	-	-	-	-	-	-	-	-

\*M-Male \*F-Femal

21. Qualification 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.	06	-	01	03	-	-	10
M.Phil.	-	-	-	-	08	23	31
PG	-	-	10	03	73	52	138
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.

7

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

Categories	2010-11		2011-12		2012-13		2013-14		2014 - 2015	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
SC	115	50	124	55	135	74	285	215	345	224
ST	-	-	-	-	-	-	-	-	-	-
OBC	601	400	700	415	738	501	1151	745	1246	841
Others	176	23	126	27	134	43	-	36	-	40
Total	892	473	950	497	1007	618	1436	996	1591	1105

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 located	2174	522	-	-	2696
Students from other states of India	-	-	-	-	-
NRI Students	-	-	-	-	-
Foreign students	-	-	-	-	-
Total	2174	522	-	-	2696

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

UG

21

PG

14

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.50474

(b) Excluding the salary component

Rs. 30845

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

Yes

☐

No

✓

If yes,

a) Is it a registered centre for offering distance education programmes of another University

Yes

☐

No

☐

b) Name of the University which has granted such registration

c) Number of programmes offered

d) Programmes carry the recognition of the Distance Education Council.

Yes

☐

No

☐

28. Provide Teacher-student ratio for each of the programme/course offered

U.G 1:15    P.G    1:6

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 re-assessment only)

Cycle 1: ..... (dd / mm / yyyy) Accreditation Outcome/Result .....

Cycle 2: ..... (dd / mm / yyyy) Accreditation Outcome/Result .....

Cycle 3: ..... (dd / mm / yyyy) Accreditation Outcome/Result .....

\*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.

220 days
----------

32. Number of teaching days during the last academic year

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

186 days
----------

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

IQAC ..... (dd / mm / yyyy)

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)

Nil



## **5. CRITERIA-WISE ANALYTICAL REPORT**

### **5.1. Criterion – I: Curricular Aspects**

#### **1.1. Curriculum planning and implementation:**

##### **1.1.1. How the vision, mission and objectives of the Institution are communicated to the students, teachers, staff and other stake holders?**

The vision, mission and  
objectives of the Institution are:

#### **Vision**

Envisioned to transform our institution into a globally

“CENTER OF ACDEMIC EXCELLENCE”

#### **Mission**

Our Mission is to produce Proficient, Dynamic, Eminent Engineers and

Administrators through Excellent Service

#### **Quality Policy**

We commit ourselves to satisfy our student community through quality teaching  
and by concentrating on teaching – learning process.

We strive to give continuous improvement and skill development  
to the students through teamwork.

The Vision, Mission and Objectives have been finalized in consultation with M/S TUV NORD-TUV India Pvt. Ltd., an ISO 9001 Company which has accorded ISO Certification to our Institution. For the maintenance of the quality standards, the ISO Certification issuing organization periodically audits various key aspects involved in running an institution to be eligible for continuing ISO certification. The placards containing the Vision, Mission, and Objectives have been displayed in the offices of the Principal and HOD's, Library, Conference halls, Seminar halls, Labs and in all the Students meeting places to make it familiar and to implement them by the staff and students..

During the meetings like staff meetings, ISO meetings, students meetings etc the Vision, Mission and Objectives are reiterated and the staff and students are motivated to fulfill the requirements to achieve the set forth goals of the Vision, Mission and Objectives.

### **1.1.2. How the Institution develops and deploys action plans for effective implementation of the curriculum?**

The Following steps have been taken for effective implementation of the curriculum.

- a). The Semester wise syllabus communicated by the Anna University is available with the Principal, HOD's and Faculty Members. A copy of the same is placed in the library.
- b). The Syllabus copy of the particular subject is given by the Course Teacher to all the Students.
- c). The Course Teacher gives the lecture schedule (containing all the topics of the Subject) to all the students.
- d). The Principal and HOD's periodically monitor the progress of the lectures by the course teacher by making daily rounds, surprise inspections, getting feedbacks from students etc.

### **1.1.3 How teachers receive support (Procedural and Practical) for effectively translating the curriculum and improving teaching practices?**

The supports received by the teachers for effectively translating the curriculum and improving the teaching practices are listed below.

- a). All supports are given to the teachers for the preparation and distribution of course plan, lecture schedule, course objectives and outcomes, etc.
- b). The Examination cell prepares time table and makes hall and seating arrangements for conducting weekly tests, term tests, model exams and University Exams.
- c). A hall has been specially allotted so as to enable the course teacher and the students to see Anna Edu - Sat lecture programmes.
- d). The class rooms are fitted with LCD projectors for effective curriculum delivery.
- e). Smart class room (at the rate of one per department) has been provided.
- f). The lab manuals and observation note books are provided by the Institution.
- g). Department wise Technical Symposium, Workshops, Seminars and National/International Conferences are conducted every year.
- h). AICTE Sponsored FDPs, STPs, IEEE International Conferences, Anna University Sponsored FDPs etc are being conducted.
- i). Guest Lecture by eminent speakers are arranged frequently.

#### **1.1.4 How the Institution ensures effective curriculum delivery and transaction?**

The following steps are meticulously followed by the institution to ensure effective curriculum delivery and transaction.

- a).The time table is prepared on day order principle so that no classes/sessions are missed.
- b).The college has developed fool proof mechanism to monitor coverage of the required units of the syllabus for conducting weekly test. In this regard, the first hour of every day has been allocated for the weekly test.
- c).The Course teachers and the HOD's are identifying the efficacy of the curriculum delivery and take corrective measures like revision of the units, giving assignments, and giving repeat tests, special coaching classes, group learning by staying in hostel to slow learners etc.

#### **1.1.5 How the Institution interact with beneficiaries such as industry, research bodies and the University for Effective Operationalization of the curriculum?**

The following actions are implemented for interaction with industries, research bodies and the University for Effective Operationalization of the curriculum.

- a). A separate institution - industry interaction cell has been created. Through this, the experts from the industries are invited for special lectures. The top level persons of the industry are invited as chief guests for the functions such as Department day, Technical seminars of department associations, College day, Hostel day etc.
- b). Students are taken on industrial visits.
- c). The Institution Industry Interaction Cell has close rapport with the local industries such as CPCL,ONGC, Pondicherry State Thermal Power Corporation, Nagapattinam District small Industries Association, Boat Building units,..etc.
- d). Anna University has selected our college as a Nodal Centre for Quality Improvement Cell.
- e). NPTEL courses, Spoken Tutorial offered by IIT, Madras and IIT, Mumbai are availed.
- f). Facilities have been created for receiving the lectures of eminent professors of the Anna University, Chennai through Anna Edusat program.
- g). Contacts have been developed with Annamalai University, Pondichery University, Manonmaniam Sundaranar University and Sathya Bama University which have facilitated the following faculty members to pursue their Ph.D Programmes.

<b>S.No</b>	<b>Name of the Faculty</b>	<b>Designation</b>	<b>Dept</b>	<b>University</b>
1	Mr.B.Saravanakumaran	Associate Professor	IT	Anna University
2	Mr.M.Chinnadurai	Associate Professor	IT	Anna University
3	Mr.S.Ramadoss	Associate Professor	Mech	Pondichery University
4	Mr.Giftson Samuel	Associate Professor	EEE	Pondichery University
5	Mr.S.Krishnamohan	Associate Professor	Mech	Annamalai University
6	Mr.N.Ramanujam	Associate Professor	Mech	Annamalai University
7	Mr.V.Sivaramakrishnan	Assistant Professor	Mech	Annamalai University
8	Mr.V.Mohan	Associate Professor	EEE	Anna University
9	Mr.R.Lakshmi Rekha	Associate Professor	ECE	Sathyabama University
10	Mr.B.RavinDran	Professor	S&H	Bharathidhasan University
11	Mr.Anandaraj	Associate Professor	EEE	Manonmaniam Sundaranar University
12	Mr.R.Rengarajan	Assistant Professor	Mech	Anna University
13	Ms.J.Hemavathy	Assistant Proessor	S&H	Annamalai University
14	MS.J.Jeevamalar	Assistant Professor	Mech	Anna University
15	Mr.N.Murali	Assistant Professor	IT	Anna University
16	Mr.A.Javed Sultan	Assistant Professor	IT	Sathyabama University
17	Mr.Sudhir Shenai	Assistant Professor	CSE	Sathyabama University
18	Ms.E.Elakiya	Assistant Professor	CSE	Anna University
19	Mr.T.Ganesn	Associate Professor	CSE	Manonmaniam Sundaranar University
20	Mr.P.Gurumoorthi	Associate Professor	Mech	Pondichery University
21	Mr.P. Mohamed Ali	Assistant Professor	S&H	Bharathiar University
22	Ms.P. Jamuna Devi	Assistant Professor	S&H	Bharathidasan University
23	Mr.P. Jayasingh Manohar	Assistant Professor	S&H	Bharathidasan University
24	Ms.T. Kavitha	Assistant Professor	S&H	Bharathidasan University

25	Ms.R. Deepa	Assistant Professor	S&H	Bharathidasan University
26	Ms.T. Clarina	Assistant Professor	S&H	Manonmaniam Sundarnar University
27	Ms.S. Punitha	Assistant Professor	S&H	Bharathidasan University
28	Mr.C. Gopi	Assistant Professor	S&H	MS University
29	Ms.R.Maheshwari	Assistant Professor	S&H	Bharathidasan University

h) The department of civil engineering of our institution has developed contact with various industries through the material testing laboratory run by the department. So far, hundreds of samples of building construction materials have been tested and a sum of Rs. 1, 66,000 has been collected as testing fees from the industries during the year 2013-2014. A sum of Rs. 7, 00,000 has been collected as testing fees over the last four years.

#### **1.1.6 How the staff members contribute to the development of the curriculum by the University?**

The following activities have been carried out for contribution to the development of the curriculum by the University.

a) Dr. R. Karunanithi, Professor, Department of Mechanical Engineering of our institution has served as a member of the Academic Council of Anna University, Chennai.

b) The following senior faculty members have officiated as chief of the Board of examinations, Anna University.

<b>S.No</b>	<b>Name of the Faculty</b>	<b>Department</b>	<b>University</b>
01	Mr.V.Mohan	EEE	Anna University
02	Mr.T.Ganesan	CSE	Anna University
03	Mr.N.Ramanujam	Mech	Anna University
04	Mr.S.Krishnamohan	Mech	Anna University
05	Mr.R.Anandraj	EEE	Anna University
06	Dr.R.Karthi	MBA	Anna University

c). Suggestions are given through the Association of Self Financing Engineering Colleges of Anna University (Trichy Region)

### **1.1.7 The Institution has mechanism to analyze / ensure that the stated objectives of curriculum are achieved in the course of implementation?**

The following steps are taken to analyze / ensure that the stated objectives of curriculum are achieved in the course of implementation.

- a). The course teacher is made to spell out the course outline, objectives and outcome on the first day of the class.
- b). In the class committee meetings, the impression of the students on the depth of knowledge acquired by them is recorded and analyzed.
- c). Feedback from students is taken at periodical interval by the Course teacher, HOD and the Principal to analyze / ensure that the stated objectives of curriculum are achieved in the course of implementation.
- d). The analysis of marks obtained by the students in the weekly tests, mid term tests, Model tests, exhibits the level of understating of the subject by the students.
- e). The teachers are deputed to reputed institutions to acquire more knowledge and skills for effective curriculum delivery.
- f). Based on the requirements, Guest lectures are arranged by the institution.

## **1.2. Academic Flexibility**

### **1.2.1 Details of the Programs offered by the Institution leading to different degrees, diplomas and Certificate.**

The institution offers the following courses under the Under Graduate and Post Graduate programs as approved by the Anna University, Chennai.

#### **Under Graduate Program:**

- a) B.E - Mechanical Engineering
- b) B.E - Civil Engineering
- c) B.E - Computer Science and Engineering
- d) B.E - Electrical and Electronics Engineering
- e) B.E - Electronics and Communication Engineering
- f) B.Tech - Information Technology

#### **Post Graduate Program:**

- a) MBA- Master of Business Administration
- b) MCA- Master of Computer Applications
- c) M.E - Manufacturing Engineering
- d) M.E - Computer Science and Engineering
- e) M.E - Communication Systems
- f) M.E - Power Electronics and Drives

### 1.2.2 Whether the curriculum offers a number of elective options?

- The Institution is offering the Programmes approved by the Anna University, Chennai.
- The following elective courses (as designed and approved by the Anna University, Chennai) were offered at this institution.

SL.No	Title of the Course	Department	Semester in Which offered
1	Water Resource Management	Civil	VII
2	Municipal Solid Waste Management		VII
3	Hydrology		VI
4	Data warehousing and mining	CSE	VII
5	Unix internals		VII
6	Software testing		VIII
7	Software quality management		VIII
8	Web technology	CSE	VI
9	Numerical methods		VI
10	C# and .NET		VII
11	Software quality management		VII
12	Wireless networks	ECE	VIII
13	Digital image processing		VIII
14	Medical electronics		VII
15	High speed networks		VII
16	Optoelectronic devices		VIII
17	Wireless networks		VIII
18	Robotics		VI
19	Data Warehousing and Data Mining	IT	VI
20	C# AND .NET		VII
21	Software Project Management		VII
22	Software Testing		VIII
23	Enterprise Resource Planning		VIII
24	Professional Ethics and Engineering		VIII
25	Distributed Systems		VIII
26	Unconventional machining process	Mech	VI
27	Process planning and cost estimation		VII
28	Robotics		VII
29	Entrepreneurship development		VIII
30	Maintenance engineering		VIII
31	Special Electrical Machines	EEE	VII
32	Bio Medical Instrumentation		VII
33	Electrcal Safety and Quality		VIII
34	Mobile Communication		VIII
35	High Voltage Engineering		VII
36	Power System Transients		VIII

37	Security Analysis and Portfolio Management	MBA	III
38	Merchant Banking and Financial Services		III
39	Corporate Finance		III
40	Managerial Behaviour and Effectiveness		III
41	Organisational Theory Design and Development		III
42	Industrial Relations and Labour Welfare		III
43	Software Testing	MCA	V
44	Software Quality Assurance		V
45	Web Graphics		III
46	Advanced Databases		V
47	Software Quality Management		V
48	Mobile Computing		VI
49	Security in Computing		IV

### 1.2.3 Whether options available to students for acquiring additional skills and supplementary/enrichment courses along with their regular curricula?

- Anna University Chennai has selected our institution as a Nodal Centre for Quality Improvement in this region. A digital Library has been exclusively started for this purpose. National Program on Technology Enhancement Learning (NPTEL) offered by IIT, Madras and the Faculty development training programmes offered by Anna University are coordinated by our institution.
- Our Institution has been identified to operate the Spoken Tutorial Project offered by IIT,Bombay under National Mission in Education through ICT, MHRD, Govt. of India.
- Bridge courses and workshops designed by Anna University, Chennai for the benefit of the newly admitted I year students are conducted at our Institution.
- Facilities have been created in the institution at a total cost of Rs.6.00 lakhs to avail the lectures of eminent Professors of Anna University, Chennai via KU Band Satellite through Anna Edu - Sat program.

Live telecast of following lectures of the eminent Professors of Anna University through Anna Edu- sat program was made available to the Students.

SL.No	Date	Title of the Program	Name of the Professor	Department which availed the Program
01	07/02/2014	Principles of compiler design	Dr.S.Chitrakala	
02	07/02/2014	Database management system	Dr.K.Klothungan	
03	14/02/2014	Principles of compiler design	Dr.S.Chitrakala	
04	14/02/2014	Database management system	Dr.K.Klothungan	



05	21/02/2014	Principles of compiler design	Dr.S.Chitrakala	CSE
06	21/02/2014	Database management system	Dr.K.Klothungan	
07	28/02/2014	Principles of compiler design	Dr.S.Chitrakala	
08	28/02/2014	Database management system	Dr.K.Klothungan	
09	07/03/2014	Principles of compiler design	Dr.S.Chitrakala	
10	07/03/2014	Database management system	Dr.K.Klothungan	
11	14/03/2014	Principles of compiler design	Dr.S.Chitrakala	
12	14/03/2014	Database management system	Dr.K.Klothungan	
13	21/03/2014	Principles of compiler design	Dr.S.Chitrakala	
14	21/03/2014	Database management system	Dr.K.Klothungan	
15	23/01/2015	Design and Analysis of Algorithms	Dr. Rajeswar Sridhar	ECE
16	23/01/2015	Artificial Intelligence	Dr.S.Senthil Kumar	
17	21/02/2014	VLSI Design (EC2354)	Raja Paul Perinbam	
18	21/02/2014	Electro Magnetic Fields (EC2253)	Dr. N. Gunasekeran	
19	07/03/2014	Probability and Random Process	Dr.K.V.Vijayashree	
20	21,28/ 01/2015	Electro Magnetic Fields (EC2253)	Dr. N. Gunasekeran	
21		VLSI Design (EC2354)	Raja Paul Perinbam	IT
22	06/02/2014	Probability and Queuing Theory	Dr.K.V.Vijayashree	
23	07/02/2014	Database Management Systems	Dr.K.Klothungan	
24	23/01/2015	Design and Analysis of Algorithms	Dr. Rajeswar Sridhar	MBA
25	15/02/14	Communication Excellence Interview techniques	Dr.S.Selvam	
26	22/02/14	Communication Excellence Interview techniques	Dr.S.Selvam	
27	07/01/14	Heat and Mass Transfer	Dr R.Velraj	Mech
28	07/01/14	Finite Element Analysis	Dr Latha Nagendiran	
29	21/01/14	Heat and Mass Transfer	Dr R.Velraj	
30	21/01/14	Finite Element Analysis	Dr R.Velraj	
31	11/02/14	Heat and Mass Transfer	DR Latha Nagendiran	
32	11/02/14	Finite Element Analysis	Dr R.Velraj	
33	18/02/14	Heat and Mass Transfer	DR Latha Nagendiran	
34	18/02/14	Finite Element Analysis	Dr R.Velraj	
35	25/02/14	Heat and Mass Transfer	DR Latha Nagendiran	
36	25/02/14	Finite Element Analysis	Dr R.Velraj	
37	04/03/14	Heat and Mass Transfer	DR Latha Nagendiran	Mech
38	04/03/14	Finite Element Analysis	Dr R.Velraj	
39	18/03/14	Heat and Mass Transfer	DR Latha Nagendiran	
40	18/03/14	Finite Element Analysis	Dr R.Velraj	
41	25/03/14	Heat and Mass Transfer	Dr Latha Nagendiran	
42	25/03/14	Finite Element Analysis	Dr Latha Nagendiran	
43	20/01/15	Finite Element Analysis	Dr Latha Nagendiran	

44	27/01/15	Finite Element Analysis	Dr Latha Nagendiran	
45	10/02/15	Finite Element Analysis	Dr Latha Nagendiran	
46	20/01/15	Kinematics of Machinery	Dr.V.Sundarasan	
47	27/01/15	Kinematics of Machinery	Dr.V.Sundarasan	
48	10/02/15	Kinematics of Machinery	Dr.V.Sundarasan	
49	21,29/	Circuit Theory	Dr.Latha Nagendiran	EEE
50	01/2015	Power System Analysis	Dr.P.Somasundram	
51	19/01/2015 02/02/2015	Probability and Queuing Theory	Dr.K.Krishna Kumar	B.E/B.Tech (General)

We have signed M.O.U's with the following organizations for technology up gradation and certified training programs.

- ✓ CISCO Systems, USA
  - ✓ National Instruments, Bangalore
  - ✓ IBM Rational Suite, Bangalore
  - ✓ LinuXpert Systems, Chennai.
  - ✓ ICT Academy of Tamil Nadu
  - ✓ Oracle Academy
  - ✓ EMC Academic Associate
  - ✓ AES Technologies, Coimbatore.
  - ✓ Sakthi Power Solutions, Thanjavur
  - ✓ Kalvi Insitute, Madurai
  - ✓ RIPE Academy
  - ✓ Lakshmi Vilas Bank, Nagapattinam
  - ✓ APKS Oil Industry, Coimbatore
  - ✓ Prolific systems
  - ✓ National Institute of occupational safety & management
  - ✓ D'zire technologies
- So far, 300 Students got on line training and got certification under CISCO Systems, USA.
  - 10 faculty members and 100 students received International Certification on Academic Associate Cloud Infrastructure and Services from EMC Corporation, USA.
  - 25 faculty members from our Institution attended training under IBM Rational Suite, Bangalore and received Certificates.
  - 50 faculty members and 200 Students got trained by LinuXpert System, Chennai on "Open Source Software" and got Certificates.
  - 50 students trained Programming in MySQL by Oracle Academy through Webinar.

- 20 Programmes hosted in campus through ICTACT.
- Final year students of CSE and IT were trained on Web design and Maintenance of Websites regularly under the program offered by AES Technologies, Coimbatore.
- Received **Privileged Associate Member (5 years)** only top 25 Colleges among 400 Colleges in Tamil Nadu from ICT Academy of Tamil nadu.
- 150 students attended National Level Competition Appdhoom-2 hosted in our campus and 10 students selected for doing Android Apps project in Association with CSI and Target Soft, Chennai.

#### ICT Academy of Tamil Nadu – 2014 - 2015 Activites (Industry – Instiution)

S.No	Date	Name of the Event	Resource Person/Coordinator	Participants	Remarks
01	January 2014	ICTACT Chennai Submit	Institution Sponsored	--	Pen Sponsored
02	February 2014	FDP on Cloud Infrastructure and Services	EMC	Mr.S.Manikandan,AP/IT Mr.S.Palanimurugan,AP/IT Mr.J.Noorul Ameen,AP/CSE	EMC Academic Associate
03	June 2014	FDP on Storage Management	EMC	Ms.P.Suganya,AP/IT Ms.S.Lavanya,AP/IT Ms.E.Vijayavani,AP/IT Ms.E.Elakkiya,AP/CSE	Certification
04	June 2014	FDP on Digital Communication	National Instruments	Ms.R.SKottesswari,AP/ECE Ms.Durgadevi,AP/ECE	Certification
05	June 2014	Value added Course on Infrastructure and Services	Mr.S.Manikandan,A P/IT Mr.S.Palanimurugan, AP/IT Mr.J.Noorul Ameen,AP/CSE	150 students from CSE,IT,MCA and ECE	Student Event
06	July 2014	Two days on Infrastructure and Services	Mr.Benhar Chalres ICT Academy of Tamil Nadu	150 students from CSE,IT,MCA and ECE	Hands-On Workshop
07	August 2014	ICTACT Trichy Submit	Institution Sponsored	--	Associate Sponsor
08		ICTACT Youth Talk	ICTACT	Ms.Manimala,IV IT Ms.Brindha,IV EEE	Participation
09		ICTACT Youth Present	ICTACT	Ms.B.Adithya,IV IT	Participation

10	September 2014	HR Conclave	Experts from Industries	750 students from Inter-Intra colleges	Carrier Guidance
11	November 2014	FDP on PHP and MySQL	ICTACT	Mr.S.Manikandan,AP/IT Mr.S.Palanimurugan,AP/IT	Certification
12		FDP on Cloud Infrastructure and Services	EMC	Mr.Sudhir Shenai,AP/CSE Mr.S.Aravindhan,AP/CSE Mr.S.Praveen Kumar,AP/CSE Mr.Rajakumaran,AP/CSE Mr.D.M.C Sekar,AP/CSE	EMC Academic Associate
13		FDP on Introduction to People Empowering People	ICTACT	Mr.Dhakshinamoorthy	ICTACT
14	December 2014	Reorientation Programme – Big Data Analytics	ICTACT	Mr.S.Manikandan,AP/IT Mr.S.Palanimurugan,AP/IT	ICTACT
15		Value Added Course and EMC Online Test	EMC Academic Associate Cloud Infrastructure and Services	Mr.S.Manikandan,AP/IT Mr.S.Palanimurugan,AP/IT Mr.J.Noorul Ameen,AP/CSE	ICTACT
16	February 2015	EMC Submit	ICTACT	Prof.M.Chinnadurai, HoD/IT Mr.S.Manikandan,AP/IT Mr.S.Palanimurugan,AP/IT	Academic Game Changer Award
16		ICTACT Submit	ICTACT	10 faculties	ICTACT Best Academic Partner

- The following value added courses with/without certification have been offered for the benefit of the students with tie up arrangement with different organisation.

- ✓ Safety Training Programme
- ✓ Network simulator NS2
- ✓ Value added course on Embedded System
- ✓ Four days value added course on Java and AnDroid
- ✓ Five days value added course on VLSI design
- ✓ Five days value added course on PLC Training Program
- ✓ Value added Course on EMC Academic Associate Cloud Infrastructure and Service
- ✓ Ten days Value Added Course on Placement Training on E-Box C Programming
- ✓ J2ME and Android mobile Apps
- ✓ CCNA Module 1
- ✓ Skill Development

- ✓ Fire and safety
  - ✓ Industrial Safety Management
  - ✓ NDT
  - ✓ CATIA - V 5
  - ✓ Lab View
  - ✓ Advanced Industrial Automation
  - ✓ Multi Sim Lab View
  - ✓ Matlab for Electrical Engineers
  - ✓ Build your own Embedded system using Graphical Analysis
- The newly joining first year students are trained through the specially designed bridge courses in the following subjects to instill confidence in them and to orient them in the subjects to be offered in the I semester of the B.E/B.Tech Under Graduate Program.
    - ✓ English
    - ✓ Mathematics
    - ✓ Physics
    - ✓ Chemistry
    - ✓ Fundamentals of Computing and Programming
    - ✓ Engineering Graphics
    - ✓ Computer Practices Lab
    - ✓ Training and Placement

The time tables followed and the various sessions conducted for offering the bridge courses during the years 2011 – 12, 2012 -13, 2013 – 14, and 2014 – 15 are furnished

**I year Bridge Courses (2011 – 2012)**

Date	Section / Period	09.00-10.00	10.00-11.00	11.15-12.15	01.30-02.30	02.30-03.30
29-Jul-11	A	M. MahenDran (English)	V. Vijayalakshmi (Mathematics)	S. Rajesh Ponnaih (Physics)	P. Vijayalakshmi (FOC)	M. Mariyappan (Chemistry)
	B	V. Vijayalakshmi (Mathematics)	U. Rani (English)	P. Vijayalakshmi (FOC)	K. Kavitha (Chemistry)	B. RavinDran (Physics)
30-Jul-11	A	U. Rani (English)	N. Kokila (Mathematics)	K. Kavitha (Chemistry)	M.Chinnadurai (FOC)	B. RavinDran (Physics)
	B	V. Vijayalakshmi (Mathematics)	M. MahenDran (English)	M.Chinnadurai (FOC)	S. Rajesh Ponnaih (Physics)	M. Mariyappan (Chemistry)
02-Aug-11	A	K. Geetha (English)	M. Arulmozhi (Mathematics)	S. Rajesh Ponnaih (Physics)	N.Murlai (FOC)	U. Vanitha (Chemistry)
	B	R. Udhaya (Mathematics)	A. Jaya Anbrasi (English)	N.Murlai (FOC)	C. Indira (Chemistry)	B. RavinDran (Physics)
3-Aug-10	A	A. Jaya Anbrasi (English)	R. Udhaya (Mathematics)	C. Indira (Chemistry)	P. Vijayalakshmi (FOC)	B. RavinDran (Physics)
	B	P. Jamuna Devi (Mathematics)	K. Geetha (English)	P. Vijayalakshmi (FOC)	S. Rajesh Ponnaih (Physics)	U. Vanitha (Chemistry)
4-Aug-11	A	M. MahenDran (English)	P. Jamuna Devi (Mathematics)	S. Rajesh Ponnaih (Physics)	M.Chinnadurai (FOC)	C. Indira (Chemistry)
	B	M. Arulmozhi (Mathematics)	U. Rani (English)	M.Chinnadurai (FOC)	K. Kavitha (Chemistry)	B. RavinDran (Physics)

**I year Bridge Courses (2012 – 2013)**

Date	Section / Period	1	2	3	4	5	6	7	8
11-Jul-12	A	Inauguration				R.Rathina (English)		B. RavinDran (Physics)	
	B	Inauguration				K. Kavitha (Chemistry)		V. Vijayalakshmi(Mathematics)	
12-Jul-12	A	K. Geetha (English)		U. Vanitha (Chemistry)		P. Jamuna Devi (Mathematics)		S. Rajesh Ponnaih (Physics)	
	B	N.Murali (FOC)		U. Rani (English)		R. Udhaya (Mathematics)		C. Gopi (Chemistry)	
13-Jul-12	A	T & P Lecture				M.Chinnadurai (FOC)		N.Kokila (Mathematics)	
	B	M. Arulmozil (Mathematics)		N.Murali (FOC)		Engineering Graphics			
14-Jul-12	A	Engineering Graphics				C. Indira (Chemistry)		K.Usha (Mathematics)	
	B	A. Jaya Anbrasi (English)		R. Ranjith Kumar (Physics)		T & P Lecture			
15-Jul-12	A	CP Lab				P. Vijayalakshmi (FOC)		R.Valarmathi (Chemistry)	
	B	Ms.Maheswari (Physics)		S. Vijayalakshmi (English)		CP Lab			
18-Jul-12	A	N.Murali (FOC)		R. Ranjith Kumar (Physics)		R.Rathina (English)		B. RavinDran (Physics)	
	B	S. Punitha (Chemistry)		M.Chinnadurai (FOC)		K. Kavitha (Chemistry)		V.Vijayalakshmi(Mathematics)	
19-Jul-12	A	K. Geetha (English)		U. Vanitha (Chemistry)		P. Jamuna Devi (Mathematics)		S. Rajesh Ponnaih (Physics)	
	B	N.Murali (FOC)		U. Rani (English)		R. Udhaya (Mathematics)		C. Gopi (Chemistry)	
20-Jul-12	A	T & P Lecture				M.Chinnadurai (FOC)		N.Kokila (Mathematics)	
	B	M. Arulmozhi (Mathematics)		N.Murali (FOC)		Engineering Graphics			
21-Jul-12	A	Engineering Graphics				C. Indira (Chemistry)		K.Usha (Mathematics)	
	B	A. Jaya Anbrasi (English)		R. Ranjith Kumar (Physics)		T & P Lecture			
22-Jul-12	A	CP Lab				P. Vijayalakshmi (FOC)		R.Valarmathi (Chemistry)	
	B	Ms.Maheswari (Physics)		S. Vijayalakshmi (English)		CP Lab			

**I year Bridge Courses (2013 – 2014)**

Date	Section / Period	09.00-10.00	10.00-11.00	11.15-12.15	12.15-01.15	02.15-03.15	03.15-04.15
1-Aug-13	A	Inauguration		JELP (Mathematics)	S.Vijayalakshmi (English)	S.Praveenkumar (FOC)	C.Gopi (Chemistry)
	B	Inauguration		T.Clarina (Chemistry)	P.Vijayalakshmi (FOC)	R.Ranjithkumar (Physics)	S.Vijayalakshmi (English)
2-Aug-13	A	K.S.Araththi (Mathematics)	B.RavinDran (Physics)	S.Arunkumar (Mathematics)	S.Punitha (Chemistry)	B.RavinDran (Physics)	U.Rani (English)
	B	CP Lab			R.Deepa (Mathematics)	U.Rani (English)	K.Geetha (English)

3-Aug-13	A	CP Lab			R.Valarmathi (Chemistry)	R.Ranjithkumar (Physics)	P.Jamuna Devi (Mathematics)
	B	P.Jamuna Devi (Mathematics)	M.Suganya (Physics)	G.Arulselvan (FOC)	K.Kavitha (Chemistry)	R.Deepa (Mathematics)	A.Jaya Anbarasi (English)
6-Aug-13	A	K.Geetha (English)	S.Ponsadai Lakshmi (Chemistry)	A.Jaya Anbarasi (English)	Engineering Graphics		
	B	M.Sathya (English)	C.Gopi (Chemistry)	R.Maheswari (Physics)	U.Rani & M.Sathya (English)	B.RavinDran (Physics)	P.Jamuna Devi (Mathematics)
7-Aug-13	A	M.Sathya (English)	M.Suganya (Physics)	PEE (FOC)	U.Rani & A.Jaya Anbarasi (English)	R.Ranjithkumar (Physics)	T.Clarina (Chemistry)
	B	K.Geetha & A.Jaya Anbarasi (English)	S.Punitha (Chemistry)	S.Vijayalakshmi (English)	Engineering Graphics		
8-Aug-13	A	K.Geetha & M.Sathya (English)	P.Jamuna Devi (Mathematics)	R.Deepa (Mathematics)	PEE (FOC)	M.Suganya (Physics)	S.Vijayalakshmi (English)
	B	G.Arulselvan (FOC)	PEE (FOC)	K.Geetha & U.Rani (English)	B.RavinDran (Physics)	R.Valarmathi (Chemistry)	R.Maheswari (Physics)
9-Aug-13	A	T & P Lecture			K.Geetha & U.Rani (English)	R.Maheswari (Physics)	R.Deepa (Mathematics)
	B	CP Lab			T & P Lecture		
10-Aug-13	A	CP Lab			T & P Lecture		
	B	T & P Lecture			M.Sathya & A.Jaya Anbarasi (English)	JELP (Mathematics)	M.Suganya (Physics)
13-Aug-13	A	T & P Lecture			Engineering Graphics		
	B		R.Ranjithkumar (Physics)	K.S.Araththi (Mathematics)	T & P Lecture		
14-Aug-13	A	M.Sathya & A.Jaya Anbarasi (English)	K.Kavitha (Chemistry)	R.Maheswari (Physics)	T & P Lecture		
	B	T & P Lecture			Engineering Graphics		

#### I year Bridge Courses (2014 – 2015)

Date	Section / Period	1	2	3	4	5	6	7	8
10-Jul-14	A	Inauguration				S. Vijayalakshmi (English)		R.Valarmathi (Chemistry)	
	B	Inauguration				P. Jamuna Devi (Mathematics)			
11-Jul-14	A	K.S.Araththi (Mathematics)		S.Praveenkumar (FOC)		V.Manjula (Physics)		C. Gopi (Chemistry)	
	B	A.Jaya Anbarasi (English)		S.Ponsadai Lakshmi		Engineering Graphics			

			(Chemistry)		
12-Jul-14	A	CP Lab		U.Rani (English)	B. RavinDran (Physics)
	B	M.Markco (FOC)	V.John Paul (English)	T & P Lecture	
13-Jul-14	A	Engineering Graphics		D. Bindhu (Mathematics)	U.Rani (English)
	B	K.Kungumavalli(Physics)	R.Deepa (Mathematics)	Noorul Ameen (FOC)	K.Geetha (English)
15-Jul-14	A	T & P Lecture		S.Praveenkumar (FOC)	B.Ambiga (Mathematics)
	B	T.Kavitha (Mathematics)	T.Clarina (Chemistry)	CP Lab	
16-Jul-14	A	V.Manjula (Physics)	R.Deepa (Mathematics)	S.Vijayalakshmi (English)	R.Valarmathi (Chemistry)
	B	S.Punitha (Chemistry)	R.Maheswari (Physics)	P. Jamuna Devi (Mathematics)	A.Jaya Anbarasi (English)
17-Jul-14	A	K.S.Araththi (Mathematics)	S.Praveenkumar (FOC)	V.Manjula (Physics)	C. Gopi (Chemistry)
	B	A.Jaya Anbarasi (English)	S.Ponsadai Lakshmi (Chemistry)	Engineering Graphics	
18-Jul-14	A	CP Lab		U.Rani (English)	B. RavinDran (Physics)
	B	M.Markco (FOC)	V.John Paul (English)	T & P Lecture	
19-Jul-14	A	Engineering Graphics		D. Bindhu (Mathematics)	U.Rani (English)
	B	K.Kungumavalli (Physics)	R.Deepa (Mathematics)	Noorul Ameen (FOC)	
20-Jul-14	A	T & P Lecture		S.Praveenkumar (FOC)	B.Ambiga (Mathematics)
	B	T.Kavitha (Mathematics)	T.Clarina (Chemistry)	CP Lab	

It is the motto of the Institution that all round development in students' acquiring additional skills is achieved in addition to their regular curricula.

- The following value added courses and training programmes are offered for enrichment the subject knowledge among the Students.

SL.No	Title of the Programme	Department	Remarks
01	Safety Training Programme	Civil	National Institute of Occupational Safety and Fire Safety management (NIOS)
02	Value added course on Embedded System	ECE	Mr.Robert jean.A,Senior Embedded engineer,Vistronics Design Solution, Mr.Sainadh kumar.K, Embedded Software developer, Vistronics Design Solution
03	Four days value added course on Java and AnDroid		Dr.R.Sakkravarthi, Dean CSE/IT, EGSPEC
04	Five days value added course on VLSI design		Prof.A.D.Senthil kumar, Manager,Verilog course team,Chennai
05	Five days value added course on PLC Training Program		Smart brain center training Center, Chennai
06	Five days value added course on "Embedded C"		Prof.S. Parthasarathy
07	Five days value added course on "8051 – micro controller and programming in Embedded C"		Prof.S. Parthasarathy



08	Five days value added course on “Pick micro controleer”		Mr.Robert jean.A,Senior Embedded engineer,Vistronics Design Solution,
09	Cloud Infrastructure and Services	CSE and IT	ICT Academy of Tamil Nadu
10	Network simulator NS2		Vaxgen technology
11	EMC Academic Assoiate on Cloud Infrastructure and Services		ICT Academy of Tamil Nadu
12	E-Box Placement Training Programme in C		Ampisoft Solutions, Coimbatore
13	J2ME and AnDroid mobile		ISTE Sponsored & Department
14	CCNA Module 1		Cisco systems, USA
15	VB with Oracle	MCA	EGSPEC
16	Cloud Computing		EGSPEC
17	VB.Net with MS Access		EGSPEC
18	Ubuntu		EGSPEC
19	E-Box Placement Training Programme in C		Ampisoft Solutions, Coimbatore
20	Skill Development	Training and Placement	Face and Ripe
20	Fire and safety	Mech	NIOS Institute/Nagai
21	NDT		PIRT/Chennai
22	CATIA - V 5		CAD Academy/Nagai
23	Matlab for electrical engineers	EEE	Fluxtron technologies
24	Proteus & Arduino For Electrical		

- The guest lectures in the following Subjects / Topics were delivered by the eminent Professors Drawn from reputed Institutions.

SL.No	Title of the Subject / Topic	Department	Date of the Program	Name of the Guest Lecturer
01	Data Security in Network	CSE	27.08.2013	Kashiv Infotech
02	Grid Computing & AnDroid OS		14.02.2013	Dr.R.Sakkravarthy Dean CSE/IT, EGSPEC
03	Effective Communication		14.02.2013	Dr.R.Raghavan Sr.Professor-CSE/Advisor, EGSPEC
04	Programming &Data structure II		18.10.2014	Kashiv Infotech
05	Wireless Communication Networks		23.03.2014	Mr. M. Paramasivam, AP,Akshya Engineering College, Chennai.
06	Advanced Digital Signal Processing		09. 03. 2014	Mr. K. Ragupathi, AP/ Velammal Institute of Tech., Chennai.
07	Advanced Digital Signal Processing		24. 11. 2013	Mr. K. Ragupathi, AP/ Velammal Institute of Tech., Chennai.
08	Applied Mathematics		16. 10. 2013	Mr. B. Balamurugan, Ap, HOD, Dept.

	for Communication Engineers	ECE		of S&H, Velammal Institute of Tech., Chennai.
09	Advanced Digital Signal Processing		14. 10. 2014	Mr. K. Ragupathi, AP/ Velammal Institute of Tech., Chennai.
10	Advanced Digital Signal Processing		15. 10. 2013	Mr. K. Ragupathi, AP/ Velammal Institute of Tech., Chennai.
11	Applied Mathematics for Communication		06. 10. 2014	Mr. B. Balamurugan, Ap, HOD, Dept. of S&H, Velammal Institute of Tech.,
12	High Speed Networks	IT	28.09.2013	Dr. M. Aramudhan Perunthalaivar kamarajar institute of Engineering and Technology, Karaikal
13	Congestion And Traffic Management		05.10.2013	
14	TCP and ATM Congestion Control		12.10.2013	
15	Integrated And Differentiated Services		19.10.2013	
16	Operations Research		01.03.2014	Prof. B. Balamurugan Velammal Institute of Technology, Chennai.
17	Operating Systems Design		11.3.2014	Mr.S.Baskar. Chief Executive, Linuxpert system, Chennai.
18	Theoretical foundations-logic and logic programming, Lambda calculus and functional programming		14.03.2014	Prof. B. Balamurugan Velammal Institute of Technology, Chennai.
19	Personality Development	IT	28.02.2014 to 01.03.2014	Mr.Pugalenth, CEO & Chief concept Architect, Vision school, Puducherry
20	Digital signal processing		22.08.2013	Ms.R.L.Rekha, Associate Professor & Head, Department of ECE,EGSPEC.
21	Open source Training		05.08.2013	Mr.Suresh, Telecom Limited, Chennai.
22	Green Computing		19.07.2013	Dr.M.Joseph,JCET, Tanjore.
23	Mobile Computing		19.09.2014	On-Site Seminar – BSNL Karaikal
24	Computer Networks		18.09.2014	On-Site Seminar – BSNL Karaikal
25	Analog and Digital Communication		01.10.2014	On-Site Seminar – All India Radio, Karaikal.
26	Engineering Mechanics		07.5.2014 & 08.05.2014	Dr.G.Jayaprakash Prof/Mech/SEC/Tiruchirappalli
	Micro Manufacturing		22.01.2014	Dr.Ananthakrishnan Prof/Mech/NIT
27	Financial		26.10.2013	Dr.V.S.Rajakrishnan

	Management			Asst.Prof/MBA/EGSPEC
28	Nuclear Reactor Technology	Mech	03.07.2013	DR.S.Magesh Sundarajan BARC/Mumbai
29	Kaizen Concepts To Mechanical Engg. Projects		14.03.2012	Mr.D.Elayaraja, Associate Prof Mech/DSEC/Perambalur
30	Analysis of Converters and Inverters		18.10.2014	Dr.S.Jeevananthan, Asso.Prof/EEE, PEC,Puducherry
31	Electrical Engineering & instrumentation	EEE	25.10.2014	Dr.S.Jeevananthan, Asso.Prof/EEE, PEC,Puducherry
32	Electrical Machines II		25.10.2014	Mr.K.Thayumanavan, HOD/EEE, UCE, Panruti campus
33	Power electronics in RES		01.11.2014	Dr.S.Jeevananthan, Asso.Prof/EEE, PEC,Puducherry
34	Financial Management Practices in Indian Public Sectors		10.03.2011	Mr.D.Narayanamoorthy ONGC Cauvery Asset, Karaikal
35	Positive Attitude and Effective Communication		15.09.2011	Dr.C.Alagan Thiru.Ve.Ka. Govt Arts College Thiruvarur
36	Soft Skills and Personality Development		21.09.2011	Dr.M.Palanisamy Avvaiyar College of Arts and Science
37	How to market Oneself		13.10.2011	Dr.B.Balamurugan Hallmark Business School
38	How to Write Research Articles	MBA	24.10.2011	Dr. S.Vasanthi Providence College of Arts and Science, Coonoor
39	Organizational Behaviour		13.12.2011	Mr.K.Balasubramanian CEO, Creative Management Consultancy, Tiruchirapalli
40	Financial Inclusion – A Global Initiatives		24.01.2012	Dr. M.S.Moodithya Director Global Initiatives, NITTE University
41	Career Management		12.04.2012	Mr. Mohamed Riaz Centre Coordinator and Trainer, Don Bosco Technologies, Chennai
42	Young Investor Programme		27.09.2012	Mr. R. Satyanarayana Securities Exchange Board of India
43	Recent Trends in Stock Exchange		04.04.2013	Mr. Feroshah Motilal Securities Pvt.Ltd., Thiruvarur
44	Faculty Awareness Programme in Mutual		12.03.2015	Mr.R.Murali Head Retail, Sundram Mutual,

45	Advanced .Net Technologies	MCA	23.09.2011	Mr.V.Sankar Project Manager, Velgansoft Karaikal
46	Service Oriented Architecture		11.02.2012	Mrs.V.Portchelvi Assistant Professor, Karaikal Polytechnic college
47	Advanced concepts in Visual C++		06.04.2013	Mrs.S.Jamunarani Assistant Professor, BECT, Karaikal
48	Advanced Technologies in JAVA Using Eclipse		26.07.2014 To 27.07.2014	Mr.S.Rajasekar MCA Senior Associate, CTS Chennai
49	Android Applications		18.08.2014	Mr.S.Ramanan AEL Data Services, DLF, Chennai.
50	Formal Language and Finite state automata		19.11.2014	Ms.T.Sowkarthiga M.E., AP, Department of CSE E.G.S.Pillay Engineering College, Nagapattinam.
51	Industrial trends on Networking		12.01.2015	Ms.K.Shanmugaperumal MCA Aricent Software Engineering Chennai
52	ArgoUML		10.02.2015	Mr.S.Manikandan Asst.Prof/IT, EGS Pillay Engineering College
53	Application for Probability & Queuing Theory	S&H	5-01-12	Dr.R. Sobiyaporchelvi (Associate Professor), A.D.M. College, Nagapattinam
54	Probability & Queuing Theory and its applications		11-01-12	J.E.L Priyakumar (Prof and head of the department), TBML College, Poraiyar,
55	Transform and its applications		26.07.2014	Dr.P.Nandakumar, Assistant Professor, PKIET (Govt of puduchery), Karaikal
56	Application of TPDE in Engineering		26.09.2014	I.Christi Raj, Asso. Professor, Anjalai Ammal Mahalingam Engineering College
57	Application of TPDE in Engineering		01.10.2014	V. Tamilselvan, Professor, A.V.C. Engineering College
58	Application of Mathematics		14.10.2014	R. Lakshmi Rekha, Asso. Professor, HOD/ECE, E.G.S. Pillay Engineering College
59	Unlocking your Potential		31.10.2014	Shram.VIR.C. Ramadoss, Senior refinery operator, CPCL
60	Smokless Bhogi healthier Pongal		13.01.2015	Mrs. Tamizholi Rajadurai, Asst. Prof, Tamilnadu Pollution Control board, Nagapattinam
61	Dynamics of Indian Refining Industry		13.03.2015	Mr.G.Gnana Sundara Guru, Senior Engineer, CPCL – CBR.

- Live telecast of following lectures of the eminent Professors of Anna University through Anna Edu- sat program were made available to the Students.

SL.No	Date	Title of the Program	Name of the Professor	Department which availed the Program
01	07/02/2014	Principles of compiler design	Dr.S.Chitrakala	CSE
02	07/02/2014	Database management system	Dr.K.Klothungan	
03	14/02/2014	Principles of compiler design	Dr.S.Chitrakala	
04	14/02/2014	Database management system	Dr.K.Klothungan	
05	21/02/2014	Principles of compiler design	Dr.S.Chitrakala	
06	21/02/2014	Database management system	Dr.K.Klothungan	
07	28/02/2014	Principles of compiler design	Dr.S.Chitrakala	
08	28/02/2014	Database management system	Dr.K.Klothungan	
09	07/03/2014	Principles of compiler design	Dr.S.Chitrakala	
10	07/03/2014	Database management system	Dr.K.Klothungan	
11	14/03/2014	Principles of compiler design	Dr.S.Chitrakala	
12	14/03/2014	Database management system	Dr.K.Klothungan	
13	21/03/2014	Principles of compiler design	Dr.S.Chitrakala	
14	21/03/2014	Database management system	Dr.K.Klothungan	
15	23/01/2015	Design and Analysis of Algorithms	Dr. Rajeswar Sridhar	
16	23/01/2015	Artificial Intelligence	Dr.S.Senthil Kumar	ECE
17	21/02/2014	VLSI Design (EC2354)	Raja Paul Perinbam	
18	21/02/2014	Electro Magnetic Fields (EC2253)	Dr. N. Gunasekeran	
19	07/03/2014	Probability and Random Process	Dr.K.V.Vijayashree	
20	21,28/01/2015	Electro Magnetic Fields (EC2253)	Dr. N. Gunasekeran	
21		VLSI Design (EC2354)	Raja Paul Perinbam	IT
22	06/02/2014	Probability and Queuing Theory	Dr.K.V.Vijayashree	
23	07/02/2014	Database Management Systems	Dr.K.Klothungan	
24	23/01/2015	Design and Analysis of Algorithms	Dr. Rajeswar Sridhar	MBA
25	15/02/14	Communication Excellence Interview techniques	Dr.S.Selvam	
26	22/02/14	Communication Excellence Interview techniques	Dr.S.Selvam	Mech
27	07/01/14	Heat and Mass Transfer	Dr R.Velraj	
28	07/01/14	Finite Element Analysis	Dr Latha Nagendiran	
29	21/01/14	Heat and Mass Transfer	Dr R.Velraj	
30	21/01/14	Finite Element Analysis	Dr R.Velraj	
31	11/02/14	Heat and Mass Transfer	DR Latha Nagendiran	
32	11/02/14	Finite Element Analysis	Dr R.Velraj	
33	18/02/14	Heat and Mass Transfer	DR Latha Nagendiran	

34	18/02/14	Finite Element Analysis	Dr R.Velraj	Mech
35	25/02/14	Heat and Mass Transfer	DR Latha Nagendiran	
36	25/02/14	Finite Element Analysis	Dr R.Velraj	
37	04/03/14	Heat and Mass Transfer	DR Latha Nagendiran	
38	04/03/14	Finite Element Analysis	Dr R.Velraj	
39	18/03/14	Heat and Mass Transfer	DR Latha Nagendiran	
40	18/03/14	Finite Element Analysis	Dr R.Velraj	
41	25/03/14	Heat and Mass Transfer	Dr Latha Nagendiran	
42	25/03/14	Finite Element Analysis	Dr Latha Nagendiran	
43	20/01/15	Finite Element Analysis	Dr Latha Nagendiran	
44	27/01/15	Finite Element Analysis	Dr Latha Nagendiran	
45	10/02/15	Finite Element Analysis	Dr Latha Nagendiran	
46	20/01/15	Kinematics of Machinery	Dr.V.Sundarasan	
47	27/01/15	Kinematics of Machinery	Dr.V.Sundarasan	
48	10/02/15	Kinematics of Machinery	Dr.V.Sundarasan	
49	21,29/	Circuit Theory	Dr.Latha Nagendiran	EEE
50	01/2015	Power System Analysis	Dr.P.Somasundram	
51	19/01/2015 02/02/2015	Probability and Queuing Theory	Dr.K.Krishna Kumar	B.E/B.Tech (General)

#### 1.2.4 New programs and program combination available to meet the needs of the Students and the Society

The following programs conducted in our Institution in the recent past made appreciable impact with respect to meeting the needs of the students and the society.

- Campaign on Renewable energy sponsored by the TEDA and District collectorate conducted during in year 2009.
- Training program on Renewable energy sponsored by the TEDA and the District collectorate conducted during in year 2010.
- Training program to create awareness on Bio-diversity among the teachers of high schools of Nagapattinam district, conducted during year 2010.
- Awareness campaign on organ donation conducted during the year 2013 (24.03.2012).
- Programs on free Eye testing & issuing of spectacles for the benefit of the poor, Tree planting and Blood donation are conducted every year on the occasion of the Founder's Day (2<sup>nd</sup> January).

- f) The particulars of the program combinations conducted during the last two years are furnished below.

S.No	Title of the Program	Date	Remarks
1	Tree Saplings –Awareness Campaign on Global Warming	12-01-2010	To Ariya Nattu Street,Nagore By MCA Students
2	One Day awareness program on natural Fertilizer	01-03-2011	Awareness of Natural Fertilizer by MCA Students
3	Campaign on Tree Planting, Road Safety	03.02.2012	N.S.S Students
4	Blood Donation Camp	08.02.2012	Students of Mechanical Engineering Department
5	Seminar on Computer Hardware and Software	17.02.2012	High School Students
6	Two days seminar on Recent developments in Mechanical Engineering	18.02.2012 & 19.02.2012	Students of Mechanical Engineering Students
7	Industrial training programme to Youths of belonging to Scheduled caste on Entrepreneurship Development	19.02.2012	Sponsored EDC Chennai Ministry of Tamil Nadu Small and Medium Industrial development corporation
8	Workshop on EEE	21.02.2012	EEE Students
9	Awareness on AIDS	22.02.2012	Sponsored by District AIDS Control Unit
10	Exhibition and Seminar on Self Employment opportunities	25.02.2012	Sponsored by District employment office, Lead Bank / Ex-Servicemen Association
11	Medical Camp	08.03.2012	Conducted by Women welfare Association of EGSPEC
12	Organ Donation	16.03.2012	2000 students registered to donate the organ
13	Non Conventional energy Resources	12.05.2012	TEDA and Department of Mechanical Engineering
14	Campaign on Environmental Protection	12.06.2012	Students of All Department
15	Coaching class for TNPSC, Group 1, Group 2, Exams	18.06.2012	Saidhai Duraisamy IAS Academy, Chennai
16	Campaign on ‘Dengue’ fever	26.10.2012	Thethi Village
17	AIDS Awareness	02.12.2012	Minister Program
18	Campaign for Free Eye testing, Issue of Free Spectacles, Tree planting and feeding the poor.	02.01.2013	Around 300 poor people were benefitted
19	Road Safety Campaign	04.01.2013	Organized by N.S.S Students
20	Campaign for Environmental Protection	10.01.2013	Organized by N.S.S Students
21	Oratory, Essay Writing and Drawing competitions on the occasion of Swami Vivekananda Birthday Celebration	11.01.2013	Around 500 high school students participated.

22	Campaign on Voters Day Awareness	21.01.2013	Organized by NSS Students (Off Campus Program)
23	Students Forum on Green Revolution	02.02.2013	Organized by EEE Students
24	Visit of 50 Professors to all Government High Schools to conduct computer literacy classes for +2 Students and giving away first aid boxes to all schools as gift	08.02.2013	Organized by Students Technical Associations.
25	Campaign for Health care, Tree planting, Environmental protection, motivation of primary school children	10.02.2013	Organized by N.S.S Students (off Campus Program)
26	Campaign on Environmental Protection	11.04.2013	Organized by N.S.S Students (off Campus Program)
27	Display of Student projects on Locating people trapped in disasters, Sensing Gas leak in A.C Cars, G.P of Fishermen and Chest Cancer identification.	03.05.2013	Organized by R & D Department
28	Blood Donation Camp	07.06.2013	Organized by N.S.S Students
29	World Environment Day Tree Planting Program	07.06.2013	EGSPEC & Isha Foundation
30	Orientation day for Fresher	31.07.2013	Organized by Students
31	Visit Orphanage (Nambikkai) and Giving away Gifts (Fans & Plates)	23.08.2013	Organized by Students
32	Seminar on PG Programme	17.09.2013	Organized by PG students
33	Blood Donation camp	07.12.2013	Organized by students
34	Awareness on Anticorruption	18.12.2013	
35	Free Eye testing, Issue of Free Spectacles, Tree planting, Blood Donation on the occasion of Founders Day	02.01.2013	
36	Republic Day Celebration	26.01.2014	All Students
37	Inauguration of AU Nodal Centre for QIC and Importance of Online Courses	02.02.2014	Department of IT
38	Felicitations to 70 Staff who obtained 100% result and 350 students who obtained 100% attendance.	05.03.2014	All Students and staff.
39	One Day Awareness Program on “Destroying of Karuvelan Trees”	13-08-2014	Awareness given to each family in Thethi Village by MCA Students
40	Independence day celebration	15.08.2014	Our college NSS unit celebrated independence day.
41	HR Conclave	20.09.2014	Regional Level HR Conclave NSS unit cooperate the activities.
42	Saraswathi Pooja Celebration.	30.09.2014	Our college NSS unit celebrated Saraswathi Pooja in Department.



43	Gandhi jayanthi day celebration.	02.10.2014	Our college NSS unit celebrated gandhi jayanthi day.
44	Free Eye testing, Issue of Free Spectacles, Tree planting, Blood Donation on the occasion of Founders Day	02.01.2015	Organized by students
45	Dengu Awareness Camp with District Collector in Vizunthamavdai Village	01.02.2015	Our college NSS Unit participated

### 1.3. Curriculum Enrichment

#### 1.3.1 How Does the Institution take initiative and supplement the University's curriculum?

The University's curriculum is supplemented by giving value added courses, training programmes, assignments and guest lectures. The list of programmes conducted is enumerated below.

- List of Value Added course offered:

SL.No	Title of the Programme	Department	Remarks
01	Safety Training Programme	Civil	National Institute of Occupational Safety and Fire Safety management (NIOS)
02	Value added course on Embedded System	ECE	Mr.Robert jean.A,Senior Embedded engineer,Vistronics Design Solution, Mr.Sainadh kumar.K, Embedded Software developer, Vistronics Design Solution
03	Four days value added course on Java and AnDroid		Dr.R.Sakkravarthi, Dean CSE/IT, EGSPEC
04	Five days value added course on VLSI design		Prof.A.D.Senthil kumar, Manager,Verilog course team,Chennai
05	Five days value added course on PLC Training Program		Smart brain center training Center, Chennai
06	Five days value added course on "Embedded C"		Prof.S. Parthasarathy
07	Five days value added course on "8051 – micro controller and programming in Embedded C"		Prof.S. Parthasarathy
08	Five days value added course on "Pick micro controleer"		Mr.Robert jean.A,Senior Embedded engineer,Vistronics Design Solution,
09	Cloud Infrastructure and Services	CSE and IT	ICT Academy of Tamil Nadu
10	Network simulator NS2		Vaxgen technology
11	EMC Academic Assocate on Cloud Infrastructure and Services		ICT Academy of Tamil Nadu
12	E-Box Placement Training Programme in C		Ampisoft Solutions, Coimbatore
13	J2ME and AnDroid mobile		ISTE Sponsored & Department

14	CCNA Module 1	CSE and IT	Cisco systems, USA
15	VB with Oracle	MCA	EGSPEC
16	Cloud Computing		EGSPEC
17	VB.Net with MS Access		EGSPEC
18	Ubuntu		EGSPEC
19	E-Box Placement Training Programme in C		Ampisoft Solutions, Coimbatore
20	Skill Development	Training and Placement	Face and Ripe
21	Fire and safety	Mech	NIOS Institute/Nagai
22	NDT		PIRT/Chennai
23	CATIA - V 5		CAD Academy/Nagai
24	Matlab for electrical engineers	EEE	Fluxtron technologies
25	Proteus & Arduino For Electrical		

- List of Guest Lectures organized

SL.No	Title of the Subject / Topic	Department	Date of the Program	Name of the Guest Lecturer
01	Data Security in Network	CSE	27.08.2013	Kashiv Infotech
02	Grid Computing & AnDroid OS		14.02.2013	Dr.R.Sakkravarthy Dean CSE/IT, EGSPEC
03	Effective Communication		14.02.2013	Dr.R.Raghavan Sr.Professor-CSE/Advisor, EGSPEC
04	Programing &Data structure II		18.10.2014	Kashiv Infotech
05	Wireless Communication Networks	ECE	23.03.2014	Mr. M. Paramasivam, AP,Akshya Engineering College, Chennai.
06	Advanced Digital Signal Processing		09. 03. 2014	Mr. K. Ragupathi, AP/ Velammal Institute of Tech., Chennai.
07	Advanced Digital Signal Processing		24. 11. 2013	Mr. K. Ragupathi, AP/ Velammal Institute of Tech., Chennai.
08	Applied Mathematics for Communication Engineers		16. 10. 2013	Mr. B. Balamurugan, Ap, HOD, Dept. of S&H, Velammal Institute of Tech., Chennai.
09	Advanced Digital Signal Processing		14. 10. 2014	Mr. K. Ragupathi, AP/ Velammal Institute of Tech., Chennai.
10	Advanced Digital Signal Processing		15. 10. 2013	Mr. K. Ragupathi, AP/ Velammal Institute of Tech., Chennai.
11	Applied Mathematics for Communication		06. 10. 2014	Mr. B. Balamurugan, Ap, HOD, Dept. of S&H, Velammal Institute of Tech.,
12	High Speed Networks		28.09.2013	Dr. M. Aramudhan
13	Congestion And		05.10.2013	Perunthalaivar kamarajar institute of

	Traffic Management	IT		Engineering and Technology, Karaikal
14	TCP and ATM Congestion Control		12.10.2013	
15	Integrated And Differentiated Services		19.10.2013	
16	Operations Research		01.03.2014	Prof. B. Balamurugan Velammal Institute of Technology, Chennai.
17	Operating Systems Design		11.3.2014	Mr.S.Baskar. Chief Executive, Linuxpert system, Chennai.
18	Theoretical foundations-logic and logic programming, Lambda calculus and functional programming		14.03.2014	Prof. B. Balamurugan Velammal Institute of Technology, Chennai.
19	Personality Development	IT	28.02.2014 to 01.03.2014	Mr.Pugalenth, CEO & Chief concept Architect, Vision school, Puducherry
20	Digital signal processing		22.08.2013	Ms.R.L.Rekha, Associate Professor & Head, Department of ECE,EGSPEC.
21	Open source Training		05.08.2013	Mr.Suresh, Telecom Limited, Chennai.
22	Green Computing		19.07.2013	Dr.M.Joseph,JCET, Tanjore.
23	Mobile Computing		19.09.2014	On-Site Seminar – BSNL Karaikal
24	Computer Networks		18.09.2014	On-Site Seminar – BSNL Karaikal
25	Analog and Digital Communication		01.10.2014	On-Site Seminar – All India Radio, Karaikal.
26	Engineering Mechanics	Mech	07.5.2014 & 08.05.2014	Dr.G.Jayaprakash Prof/Mech/SEC/Tiruchirappalli
	Micro Manufacturing		22.01.2014	Dr.Ananthakrishnan Prof/Mech/NIT
27	Financial Management		26.10.2013	Dr.V.S.Rajakrishnan Asst.Prof/MBA/EGSPEC
28	Nuclear Reactor Technology		03.07.2013	DR.S.Magesh Sundarajan BARC/Mumbai
29	Kaizen Concepts To Mechanical Engg. Projects		14.03.2012	Mr.D.Elaiyara, Associate Prof Mech/DSEC/Perambalur
30	Analysis of Converters and Inverters		18.10.2014	Dr.S.Jeevananthan, Asso.Prof/EEE, PEC,Puducherry
31	Electrical Engineering		25.10.2014	Dr.S.Jeevananthan, Asso.Prof/EEE,

	& instrumentation	EEE		PEC,Puducherry
32	Electrical Machines II		25.10.2014	Mr.K.Thayumanavan, HOD/EEE, UCE, Panruti campus
33	Power electronics in RES		01.11.2014	Dr.S.Jeevananthan, Asso.Prof/EEE, PEC,Puducherry
34	Financial Management Practices in Indian Public Sectors	MBA	10.03.2011	Mr.D.Narayanamoorthy ONGC Cauvery Asset, Karaikal
35	Positive Attitude and Effective Communication		15.09.2011	Dr.C.Alagan Thiru.Ve.Ka. Govt Arts College Thiruvarur
36	Soft Skills and Personality Development		21.09.2011	Dr.M.Palanisamy Avvaiyar College of Arts and Science
37	How to market Oneself		13.10.2011	Dr.B.Balamurugan Hallmark Business School
38	How to Write Research Articles		24.10.2011	Dr. S.Vasanthi Providence College of Arts and Science, Coonoor
39	Organizational Behaviour		13.12.2011	Mr.K.Balasubramanian CEO, Creative Management Consultancy, Tiruchirapalli
40	Financial Inclusion – A Global Initiatives		24.01.2012	Dr. M.S.Moodithya Director Global Initiatives, NITTE University
41	Career Management		12.04.2012	Mr. Mohamed Riaz Centre Coordinator and Trainer, Don Bosco Technologies, Chennai
42	Young Investor Programme		27.09.2012	Mr. R. Satyanarayana Securities Exchange Board of India
43	Recent Trends in Stock Exchange		04.04.2013	Mr. Feroshah Motilal Securities Pvt.Ltd., Thiruvarur
44	Faculty Awareness Programme in Mutual Fund		12.03.2015	Mr.R.Murali Head Retail, Sundram Mutual, Chennai
45	Advanced .Net Technologies	MCA	23.09.2011	Mr.V.Sankar Project Manager,Velgansoft Karaikal
46	Service Oriented Architecture		11.02.2012	Mrs.V.Portchelvi Assistant Professor,Karaikal Polytechnic college
47	Advanced concepts in Visual C++		06.04.2013	Mrs.S.Jamunarani Assistant Professor,BECT,Karaikal
48	Advanced Technologies in		26.07.2014 To	Mr.S.Rajasekar MCA Senior Associate, CTS

	JAVA Using Eclipse		27.07.2014	Chennai
49	Android Applications		18.08.2014	Mr.S.Ramanan AEL Data Services, DLF, Chennai.
50	Formal Language and Finite state automata		19.11.2014	Ms.T.Sowkarthiga M.E., AP, Department of CSE E.G.S.Pillay Engineering College, Nagapattinam.
51	Industrial trends on Networking		12.01.2015	Ms.K.Shanmugaperumal MCA Aricent Software Engineering Chennai
52	ArgoUML		10.02.2015	Mr.S.Manikandan Asst.Prof/IT, EGS Pillay Engineering College
53	Application for Probability & Queuing Theory	S&H	5-01-12	Dr.R. Sobiyaporchelvi (Associate Professor), A.D.M. College, Nagapattinam
54	Probability & Queuing Theory and its applications		11-01-12	J.E.L Priyakumar (Prof and head of the department), TBML College, Poraiyar,
55	Transform and its applications		26.07.2014	Dr.P.Nandakumar, Assistant Professor, PKIET(Govt of puduchery), Karaikal
56	Application of TPDE in Engineering		26.09.2014	I.Christi Raj,Asso. Professor, AnjalaiAmmalMahalingam Engineering College
57	Application of TPDE in Engineering		01.10.2014	V. Tamilselvan, Professor, A.V.C. Engineering College
58	Application of Mathematics		14.10.2014	R. Lakshmi Rekha, Asso. Professor, HOD/ECE, E.G.S. Pillay Engineering College
59	Unlocking your Potential		31.10.2014	Shram. VIR.C. Ramadoss, Senior refinery operator, CPCL
60	Smokless Bhogi healthier Pongal		13.01.2015	Mrs. Tamizholi Rajadurai, Asst. Prof, Tamilnadu Pollution Control board, Nagapattinam
61	Dynamics of Indian Refining Industry		13.03.2015	Mr.G.Gnana Sundara Guru, Senior Engineer, CPCL – CBR.

- All the students are made to submit assignment /downloaded documents on different topics with a view of incresing self reading habits and to understand the subjects in depth. List of Praiseworthy assignments selected from the assignments submitted by the students is furnished below.

SL.No	Title of the praise worthy assignments	Department	Name of the Students
01	Application on the windows phone marketplace	CSE	J. Arunvalavan
02	Real Time application in Graph coloring		K.Parkavi
03	Developing test case for real time application compared with SDLC models		Vishnupriya
04	Testing Maturity model		A.Karthika
05	Applications of Multimedia (Electric Pen)		D.Durgadevi
06	Library Management System		R.Vinitha
07	Real Time Application in Turning Machine		Z.Ameena Parveen
08	CORBA		V.Vennila
09	Cluster Formation		J.Rajendra udayini
10	Symbol table		K.Parkavi
11	Memory management in Linux OS		A.Sumitha lakshmi
12	Simultaneous Multithreading		A.Tamilmozhi
13	Divide & conquer		Hema
14	ArDruino		P.Hariharan
15	Mobile enhancement in .Net Application	CSE	T.Gokul
16	Oracle Security Developer tools		R.Sinduja devi
17	Axioms		Kanimozhi
18	What goes inside the CPU		S.Arthi
19	Applying DS concepts in OOPS		C.Ilamathi
20	Course Reservation system in .Net		K.Pravinkumar
21	Analysis of algorithm		G.Bakya Lakshmi
22	Project presentation		R. Giritharan
23	A technique of transferring Visual information between the brains- An Eye to visually impaired person		R. Giritharan
24	A non conventional mobile phone charger	ECE	R. Giritharan
25	An artificial sight to visually impaired persons		R. Giritharan
26	A trends in industrial measurements and auto machine		R. Giritharan
27	Mobile communication		P. Vanmathi
28	Debugging		R. Bakiyavathi
29	3G and 4G technology		R. Bakiyavathi
30	Android		Bagavathi
31	Solid waste disposal and recycling		R. Abinaya

32	Cache Memory, Mobile Architecture CPU	IT	V.Saranya
33	POSIX signaling Compare various application protocols using TCP & UDP		R.Nandhini
34	Explain the purpose and the way of creating list in HTML documents. List out some primary CSS text properties.Differentiate HTTP, JDBC, URL and SQL		R.Indhumathi
35	Difference between windows and Linux OS.Types of OS & Compare the performance.Problems in CPU Scheduling		B.Prinyanga
36	Write the database application to display the details of students in a data grid control. Write a web based application to implement ticket status checking.		P.Abinaya
37	A study on industrial relations with reference to w.s.industries at porur, chennai	MBA	A.Umadevi
38	Worklife balance in india		G. Midhunalakshmi G. Dhineha
39	Working capital management		K.Kiruthiga
40	Women entrepreneurs in india		G.Manikandan
41	Stock market fluctuation in india		B.Narmadha S.Subha
42	Impact of advertisement in marketing		Matchanathan
43	A study on work life balance towards the employees in rkn praveen chem industry at karaikal		M.Prabha
44	Stress management		A.RamyaR.ramya
45	A study on employee compensation in sri balamurugan engineering works pvt. Ltd. , trichy		M.Suganya
46	Waste management		K.RamasamyR.Vinothkumar
47	The role of credit rating agencies and their regulations in the context of economic crisis		K.G.Thiyagarajan Prithivirajan
48	Green marketing		R.SuganyaS.vinotha
49	E-commerce and consumer protection		R.JothiK.Kalpana
50	The impact of social media creates		P.Komagal

	loyalty in hospitality industry		V.Elayapravina
51	Rural marketing in india		S.Kalaivani M.Kaleeswari
52	Corporate social responsibilities of banks in india		M.Dhineswaran R.Madhavan
53	Develop a quiz program using javascript	MCA	M.Sinthiya
54	Develop airline reservation using PHP		DivyaBharathi.C
55	Explain about STL reverse and insert		Mohamed Samir Maricar
56	Explain about virtual function s and give examples		J.Subhashini
57	Explain about vista Operating systems and its functions		R.Rubha
58	Explain about various types of compilers		DivyaBharathi.C
59	Explain Graphics tools		M.Ranjith Kumar
60	Develop any website using maya		C.Eswari
61	Create UML Diagrams using rational rose(bank application)		S.Kalaivani
62	Develop a program for calendar using ActiveX Controls		C.Divya
63	List out features of popular networks simulators available in networks	MCA	C.Eswari
64	Using Simple networks simulators design a simple networks and analyze the performance		C.Eswari
65	Analysis of software quality process in current software companies		N.Mahalakshmi
66	Develop components for real time application such as Library,banking		Gomathi.A
67	Explain Travelling salesman problem with example		Anitha Lily.J.S
68	Explain about filezilla installation		Priyadharshini.M
69	Explain1.Splay tree 2.Backtracting		Rajathi.s
70	Design Oracle forms using menus and buttons		Rathiga.T
71	Write a Data base application to display details of students using datagrid control		Sakthivel.C
72	Develop the program for java bean		Saranya.P
73	Explain Ambient computing		Saranya.R
74	Using Microsoft 2010 Software		Sowmiya.S



	prepare the following: 1. Construct project plan	MCA	
75	Give a report about popular processors in the market		Yogapriya.M
76	Develop a game project using C		R.Reka
77	Condition based monitoring technique and demand for condition monitoring	Mech	G.Sabarish
78	Project Management in Engineering		M. Praveen Raj
79	Semi Discrete Finite Element Analysis		N.Aravind Padmanaban
80	Errors in Finite Element Analysis		V.Vignesh
81	Case studies of electrical machines faults in Industries		III/V – EEE Students
82	Blackout prevention and Contingency Analysis in Power Systems		III/V – EEE Students
83	Design of BLDC Motor using MATLAB		IV/VII – EEE Students
84	Analysis of Underground/Sub marine protection scheme		III/V – EEE Students
85	Sensible speed control measures in industrial application	EEE	II/IV – EEE Students
86	Designing of 10KW solar power plant in industry purpose		III/V – EEE Students
87	Summarise various industrial Drives and point out the performance		III/V – EEE Students

**1.3.2. How does the Institution integrate the cross cutting issues such as Gender, Climate change, Environmental education, Human rights, ICT etc., into the curriculum?**

- The Higher education in Engineering for the women and socially backward students of Nagapattinam district and the adjoining areas could be possible only because of the existence of E.G.S Pillay Engineering College since 1995. This is particularly true in the case of women of Muslim community and students of S.C because, they would not have gone out of Nagapattinam but for the existence of the E.G.S Pillay Engineering College.
- The particulars of Women students admitted during the last 5 years are furnished below.

SL. No	Year	No. of Students Admitted	No. of Girls			No. Boys	
			Muslim	S.C	B.C and O.C	S.C	Other Community
1	2010-11	1493	15	55	388	124	911
2	2011-12	1686	25	76	525	140	920

3	2012-13	1956	23	105	661	157	1010
4	2013-14	2432	36	215	745	285	1151
5	2014-15	2696	28	258	810	306	1294

- Campaigns on Voters' Day, Anti corruption, Environment protection, Organ donation etc, were conducted by the students
- Women welfare association arranged programs on women's rights.
- Students are encouraged to participate in competitions on essay writing and oratory on the topics of human rights, energy conservation, pollution control etc.
- Training on ICT is given priority in various aspects. Students are exposed to computerization of data, presentations through power point, E- governance etc.

### **1.3.3. How does the Institution enrich and organize the Curriculum to enhance the experience of the students to cope with the needs of the Employment market?**

A separate Training and Placement department headed by a Director and Supporting Staff have been established with a view to enrich and organize curriculum to enhance the experience of the students to meet the needs of the employment market. In order to achieve holistic development of the students so that he/she can display multiple skills and qualities, the following programmes have been conducted during the last four years.

<b>S. No</b>	<b>Date</b>	<b>Details of the Training program</b>	<b>Training imported by</b>	<b>Beneficiary</b>
1	8 to 14.07.2011	In house training programme	Aiser work force	Final year selected students
2	9 to 12.08.2011	Orientation towards NPTEL	Classle.net	Staff members
3	6-10.09.2011	Soft skill training programme	Key Mind Technologies	Final Year Students
4	19.11.2011	IEEE Sponsored Workshop for Employability and Soft Skills	Dr. Vishal Talwar, London School Of Economics,	All Final Year MBA Students
5	2.12.2011	Orientation towards Certification	Mr. K.S. Ayappan	CSE, IT, MCA
6	23 to 28.01.2012	Aptitude Training	B. Sivakumar. BSK Career Consultant	Final year Students
7	30.02.2012	Soft Skill training for Interview	Mr. Ravichandran	Final Year Students
8	06.07.2012	Introduction about technical skills	Mr. Siddarth, FACE	All third yr students
9	10.08.2012	Verbal clash	Mr. Edward	Eligible Students

10	24.09.2012	Distance and time	Mr. Thiru, FACE	Eligible Students – CSE,IT,ECE
11	20.04.2013	Orientation for placements	Mr. Chalian, ARJ College,	All Eligible Students
12	18.05.2013	Importance of certifications	Mr. Aravindan, Chennai	All third year students
13	18.07.2013	Aptitude	Mr. Balasubramanian	Mech, EEE, Civil, MBA
14	25.07.2013	Aptitude	Mr. Veera, Transtuff	CSE, IT, ECE, MCA
15	01.08.2013	Time Management	Mr. Suresh, Trastuff	CSE, IT
16	16.08.2013	Communication	Mr. Tamil, Face	Mech, EEE
17	17.08.2013	Management Methods	Mr. Krish, FACE	MBA-All students
18	20.08.2013	Resume and Team Building	Mr. Kishore, FACE	First year students
19	12.09.2013	Stress management	Mr. Vinoth, FACE	Mech, EEE, Civil, MBA
20	13.09.2013	Writing skills	Mr. S. Suresh,RIPE	CSE, IT, ECE, MCA
21	19.09.2013	Verbal ability	RIPE	Final Year.
22	20.09.2013	Goal setting	Mr. Arun, RIPE	CSE, IT, ECE, MCA
23	26.09.2013	Communication skill barrier	Mr. S. Suresh,RIPE	Mech, EEE, Civil, MBA
24	27.09.2013	Reading skills	Ms. Jayalakshmi, RIPE	CSE, IT, ECE, MCA
25	03.10.2013	CV constructing	Ms. Arthi Sridar, RIPE	Eligible Students – Final Year.
26	04.10.2013	Extempore	Mr. Syam , FACE	CSE, IT, ECE, MCA
27	10.10.2013	Attitude building	Mr. Krishnan, RIPE	Eligible Students – Final Year.
28	11.10.2013	Aptitude training	Mr. Krishnan, RIPE	Mech, EEE, Civil, MBA
29	17.10.2013	Concentration skills	Mr. Syam , FACE	CSE, IT, ECE, MCA
30	18.10.2013	Application grammar	Mr. S. Suresh,RIPE	Mech, EEE, Civil, MBA
31	24.10.2013	Phonetics	Ms. Radika, RIPE	CSE, IT, ECE, MCA
32	30.01.2014	Special aptitude training	Mr. Thanikasalam	Eligible Students – Final Year.

33	18.02.2014	One day faculty Development Programme	Mr. Krishnan RIPE	All Faculties
34	20.09.2014	HR Conclave	ICTACT	All students
35	06.09.14	Get Ready for GATE-2015	Ms.P.Shripriya Senior manager ClasseInfotech	CSE and IT Students
36	05.01.2015	Usage of Windows Certification	Micorsoft Corporation	CSE and IT Student
37	02.02.2015	Un Vazkai Un (Thanambi) Kayil	Dr.Anwar EGSP&Sc	CSE and IT Students

- Interactive meetings are conducted by inviting illustrious alumni. Our alumnus Mr. Murugaraj who was selected for I.F.S. addressed the students on 05.06.13.
- Coaching classes were organized involving Saidhai Duraisamy I.A.S. Academy on 26.10.12 exposing the students on TNPSC Group 1 and Group 2 exams.
- Our Alumni Dr.Sivaraman and Dr.Sendhilkumar visit our campus frequently and interact with our staff and students.

#### **1.3.4 How does the institution monitor and evaluate the quality of the enrichment programmes having offered?**

- Students' feedback is received and analyzed at the end of every programme.
- The Institution fixes targets in the number of programme to be offered every year.
- The Institution invites leading MNC's, Manufacturing and allied industries in India for campus recruitment. This action not only opens opportunity for the students to get the offer of employment but also it triggers identification of gaps in requirement of employability skills.
- The success of the various enrichment programmes is visible through the number of placements secured by the students during the last 7 years.

<b>PASSED OUT YEAR</b>	<b>COMPANY NAME</b>	<b>ECE</b>	<b>EEE</b>	<b>CSE</b>	<b>IT</b>	<b>MECH</b>	<b>MCA</b>	<b>MBA</b>	<b>No. of STUDENTS</b>	<b>Year wise placed</b>
2006-07	CTZ, Chennai		2						02	<b>05</b>
	Sathyam Computers, Chennai			1					01	
	Tata Consultancy Services, Chennai			1					01	
	Sutherland Global Service, Chennai			1					01	
2007-08	Agile Programming Private Ltd, Chennai			1	3		1		05	<b>07</b>
	Crux Technologies, Chennai							2	02	
2008-09	The Legend technology services, Coimbatore						03		10+3	<b>30</b>
	M/s Elyzian Software India Pvt.Ltd						17		17	
2009-10	E- Software India Pvt Ltd., Coimbatore	10	06	27	24		03		70	<b>112</b>
	Access Foundations	04	07	01	16	04		10	42	
2010-11	GKS Technology Chennai	03		12	11		04		30	<b>30</b>
2011-12	Yuvabhumi Engg. Division Chennai	04	01	04	03	02	01		15	<b>21</b>
	HCL BSERVE								02	
	Meetan Business Solutions						01		01	
	Briosys						03		03	
2012-13	ALCATEL LUCENT	05	09	06	02				22	<b>218</b>
	Eureka Forbes	05	01	03		12			21	
	Precision Engineering					12			12	
	ALCATEL LUCENT	08	07	11	03				29	
	C-Cubed solutions	09	07	16	08				40	
	Ariyan IT solutions	06		11	03		11	09	40	
	Shri Star BPO	06	01	06	01		04		18	
	Zeka Technology	03		05	01		03		12	
	Netambit	09		03					12	
	Fortuna Engineering			58		02			02	
	BRAND SOURCE	3	2				02		7	

2013-14	Technologies									307
	AVALON Technologies			2	5				7	
	Cognizant Technologies	1							1	
	RELIANCE COMMUNICATION	15	5	17	7				44	
	London School of Bussiness						6		6	
	RAJASRI Systems	3	2						5	
	KHIVRAJ Motors					18			18	
	GKAR Engineering			12	10				22	
	SHRDI STAR BPO	1	2	4	3				10	
	Adhitya Trading solutions							11	11	
	Vinayak Infotech Pvt Ltd	1						1	2	
	TATA CONSULTANCY SERVICES (TCS)	1							1	
	TECH MAHINDRA	9	17	8	1				35	
	INDIA INFOLINE (IIFL)						10		10	
	METECH				3	14			17	
	M/SREDWAN TECHNOLOG	9	4	3	2		02	2	22	
	6soft Technologies	4						1	5	
	Popular Vehicles					18			18	
	DUORAYS	1						1	2	
	Vintage Properties				1	4			5	
	Manish Gas Ltd					23			23	
	SIMTECH					3			2	
	Nuva Tech					12			12	
	GBL CONSTRUCTION				2				2	
	SPCL		2		3	1			6	
	L &T ECL				1				1	
	HCL Technologies (Bserve)	1	4	8				4	17	
2014-15	CTS	1	2	1					04	

2014-15	Wipro Technologies						5+2		7	87
	Fony Technologies	2		2	1				5	
	Reliance Communications	6		2	3	4			15	
	Bluetacnics	7			2				9	
	iMatrix			4	2				6	
	Vinak Infotech			4	2				6	
	Gemini Communication	3		5					8	
	Topology Sevice	6		10					16	
	Avalon		5						5	
	Vetrivel Auto Component					8			8	
	Total	73	39	74	42	92	21	16	357	

## 1.4. Feedback System

### 1.4.1 How does the institution obtain feedback from stakeholders and students for enrichment of the curriculum?

The Institution in continuously getting the feedback from the Alumni, Alumni doing P.G and Ph.D, leading multinational companies, Major Engineering and allied Industires for assessing the efficacy and fine tuning of the enrichment programmes and for introducing new programmes with additional aspects.

The following are the highlights of the programmes through which enormous feedback was collected

- EGSPEC Alumni Association is a registered body and interactive meetings are conducted at frequent intervals.
- Illustrious alumni are invited as guests and resource persons during different training programmes and functions.
- Meetings to felicitate successful Alumni are organized to motivate the students and to receive feedback on current requirements.
- Particulars of alumni meet/function organized to felicitate successful / illustrious Alumni.

S.No	Date	Name and Present position of the Alumni	Remarks
01	29.03.2013	Mr. D.Karthikeyan, Mr. R. Dhinesh Sr. Web Developer Unimity Solutions, Chennai	One day workshop on PHP using Drupal Tool

02	05.06.2013	Mr.Murugaraj, I.F.S	Felicitatation and Interactive discussion seminar
03	16.08.2013	Mr.Senthilkumar, Ph.D	Felicitatation and Motivation Speech
04	27.04.2014	Alumni Meet	250 Alumni of 2012-13 batch participated
05	12.05.2014	Mr.Sivaraman, Ph.D	Felicitatation and Motivation Speech
06	05.08.2014	Mr.Saravanan System Admin, IBM Bangalore	Windows Administration and Maintenance
07	14.12.2014	Alumni Meet Chennai Chapter Inaguration	Around 300 Alumni Participated

#### **1.4.2 How does the institution Draw feedback from national and international faculty?**

The institution has good rapport with national and international faculty and they are invited for International and National Conferences and important functions of the college. The institution does not miss the opportunity to get suggestions from national and international faculty to align the various programmes of the college in line with current status of the industry and possible development in the future.

The list of national and international faculty who visited our college during the last year is furnished below.

1. Dr. Ammasai Gounden.N, Prof./EEE, NIT, Tiruchirappalli.
2. Dr. Aramudhan. M, Prof./IT, PKIET, Karaikal.
3. Dr. Arumugham. M, Former Principal, REC, Tiruchirappalli.
4. Dr. Arumugam, CEO Nanda Group of Institutions, (Former ADTE, Chennai).
5. Dr. Arun Kumar. S, Dept of Management Studies, SCE, Tiruchirappalli.
6. Dr. Ashokan. P, NIT, Tiruchirappalli.
7. Mr. Anbuthambi Bojarajan, Vice-President, ICT Academy of Tamil Nadu
8. Dr. Balamurgan. B, Dept. of Management Studies, HBS, Tiruchirappalli.
9. Dr. Balamurugan. C, Asso. Prof.. MAMCE, Tiruchirappalli.
10. Dr. Devadasan. S. R, PSGCT, Coimbatore.
11. Dr. Dhananjayan. P, Prof./ECE PEC, Puducherry.
12. Dr. Gopalan. N. P, Prof./MCA, NIT, Tiruchirappalli.
13. Dr. Jeevananthan. S, Asst. Prof./EEE PEC, Puducherry.
14. Dr. Joseph M, Principal, St. Joseph College of Engineering and Tech, Tanjore.
15. Prof. Karthikeyan. B, Dept of MBA, Annamalai University Chidambaram
16. Dr. Karthikeyan. K, Dept of Management Studies SCE Tiruchirappalli.
17. Dr. Krishnamoorthy. R, Dean Anna University, Tiruchirappalli.
18. Dr. Kumarappan. N, Annamalai University Chidambaram.
19. Dr. Manivannan. K, Chairman, ISTE (TN & Puducherry section) Chennai.
20. Dr. Muthukrishnan .C. R, Consultant Advisor, TCS / Former Dy. Dir. IIT MaDras.
21. Dr. Naidu. K. S, Dean, Dr. DVSR Multitech Engineering College, Chennai.



22. Dr. Palani B, Civil/Structure, Annamalai University, Chidambaram.
23. Dr. Prithiviraj. V, Pondicherry Engineering College, Puducherry.
24. Dr. Raja Muthamil Selvan, Annamalai University Chidambaram.
25. Dr. Ramkumar. T, Prof., AVCCE, Mayiladuthurai.
26. Dr. Sagayaraj Francis. F, Dept of CSE PEC Puducherry.
27. Dr. Sanjeevikumar. P, Dept of EEE, Visiting at Qatar University, NIT, Puducherry
28. Dr. Saravanan . R, JCTCET, Coimbatore.
29. Dr. Sathyanarayana. C, NIT, Tiruchirappalli.
30. Dr. Selvachandra. M, Dept of Commerce, ADMC, Nagapattinam.
31. Dr. Senthil Murugan. M, Prof. BCET, Karaikal.
32. Dr. Selvamuthukumaran. S, Prof. AVCCE, Mayiladuthurai.
33. Dr. Shanmuganathan. V, JJCET, Tiruchirappalli.
34. Dr. Shashi Pandey, Director NIT, Puducherry.
35. Dr. Sivakumar. K, BIT, Sathiamangalam.
36. Mr. Sivakumar, Chief Executive Officer, ICT Academy Tamil Nadu
37. Dr. Sivakumaran. N, Prof. NIT, Tiruchirappalli.
38. Dr. Somasundaram, Anna University, Chennai.
39. Dr. Srivastava. S. C, IIT, Kanpur.
40. Prof. Subramaniam K. V.L, Prof & Head Dept of Civil Engg IIT Hyderabad.
41. Dr. Sudhakaran. M, Asso.Prof./EEE, PEC, Puducherry.
42. Dr. Thambidurai. P, Principal, PKIET, Karaikal.
43. Dr. Vadivel. A, Asso. Prof./ MCA, NIT, Trichirappali.
44. Dr. Bhaskar Raj, Ribo University, North Carolina.
45. Prof. Chongdu Cho, Inha University, Inchon, South Korea.
46. Dr. Francis Cincinatte, Ohio University, USA.
47. Prof. Hsiao-Kang Ma, National Taiwan University, Taipei, Taiwan.
48. Dr. Kannan, Manchester University, UK.
49. Dr. Karthikeyan. R, BITS Pilani, Dubai.
50. Dr. Kulandaivel. M. P, Al Musanna College of Technology, Sultanate of Oman.
51. Dr. Mariappan Manoharan, Florida University, Florida.
52. Dr. Neeraj Bhardwaj, U.S.M., Engg Campus, Malaysia.
53. Prof. Yu Yong, Kagoshima University, Japan.
54. Prof. Yuzo, Nakamura Kagoshima University, Japan.
55. Dr. Muthukumar, Frankfurt University, Germany.
56. Prof. Rama Bhat, Concordia University, Japan.
57. Prof. Roger Sierens, University of Gent, Belgium.
58. Prof. Satish Udpa, Faculty of Engineering, Michigan State University, USA.
59. Dr. Sivaganam. C, College of Applied Science , Sultanate of Oman.
60. Prof. Suresh. G, Advani University of Delaware, Newark, USA.
61. Dr. Vijayraj. B, Al Musanna College of Technology, Sultanate of Oman.
62. Dr. A. Rajasekar, Advisor, AICTE, New Delhi.
63. Dr. Viswanatharaju, Professor, JNTU
64. Dr. S. Mohan, Professor, Anna University, Chennai
65. Dr. S. Muttan, Regional Director, Anna University, Tiruchirappalli
66. Dr. N. Kumarappan, Professor, Annamalai University
67. Dr. Raja Angamuthu, Professor, IIT, Kanpur

68. Dr. Venuvanalingam,UGC,Emeritus Fellow  
69. Dr.Magesh Sundarajan,BARC,Mumbai  
70. Dr.Arul Daniel,Dean,NIT,Tiruchirappalli

## **5.2. Criterion – II: TEACHING – LEARNING AND EVALUATION**

### **2.1. Student enrollment and Profile**

#### **2.1.1 How the admission process of the Institution in widely published and is transparent?**

- The Directorate of Technical Education of the Government of the Tamil Nadu regulates and monitors the admission process.
- Admission for 65% of the sanctioned strength of the students for each course is carried out by the DOTE, Government of Tamil Nadu.
- Admission for the remaining 35% of the sanctioned management quota, strictly following the rules and regulation of the Government of Tamil Nadu.
- As per the order of Tamil Nadu Government the Self Financing Engineering college Association of Tamil Nadu prepare the Merit list for the Management quota admission.
- The college admits the students selected through single window counseling for Government Quota (65%) and for the Management Quota (35%) as per merit list approved by the DOTE, Government of Tamil Nadu.
- It is mandatory that all informations of the Institution should be made available among the public and the students aspiring admission in the website of the college.
- Wide publicity is given in leading Newspapers, TV,A.I.R and through display of placards in Public places of Nagapattinam district and adjoining districts.
- Special arrangements like creation of admission centers in rural areas are made.
- Special programmes are conducted for the +2 students incidentally opening avenues for them to personally see the facilities available in the college.

#### **2.1.2 Does the Institute have periodic reviews of its enrolment profile and the outcomes are used improvement of the Process?**

- The college looks into various aspects of creating new facilities and strengthening the existing facilities to make the college as the most preferred one by the parents and students. This process is implemented by organizing periodical review meetings involving Staff, Students, Alumni and Parents.
- The college is proud that the outcomes of the review process enabled almost 100% admission in almost all the courses. The admission to various courses made during the last five years is enumerated below.

S. No	Course	Year wise Admission									
		2010 – 11		2011 – 12		2012 – 13		2013-14		2014-15	
		Sancti oned	Filled	Sanct ioned	Filled	Sancti oned	Filled	Sancti oned	Filled	Sanction ed	Filled
U.G.Courses											
1	Civil	-	-	60	62	60	59	120	121	120	120
2	CSE	90	75	90	75	120	110	120	90	120	80
3	EEE	60	59	60	55	60	59	60	61	60	58
4	ECE	60	62	60	59	60	55	120	118	120	100
5	Mech	90	99	90	89	120	124	120	124	120	120
6	IT	60	41	60	51	60	49	60	37	60	42
P.G.Courses											
1	MBA	60	60	60	60	60	55	120	110	120	108
2	MCA	30	29	60	58	60	47	60	30	60	16
3	M.E (Mfg)	-	-	18	18	18	14	18	17	20	19
4	M.E (CSE)	-	-	-	-	18	18	18	18	20	14
5	M.E (PED)	-	-	-	-	-	-	18	18	20	11
6	M.E (CS)	-	-	-	-	-	-	18	18	20	17

### 2.1.3 Does the Institution have an inclusive admission policy catering to diverse student groups?

- Rural Status**

Since the college is a typical rural institution and the students of the region belong to predominantly poor families, the college has inclusive admission policies.

- Fee Concessions / Scholarship**

Fee concessions are extended to attract top ranking +2 students

Available Fee Concessions

Cut off marks in +2 exam	Concessions in Tuition Fees
190+	100%
180+	75%
170+	50%

The following scholarships have been sanctioned by the Government of Tamil Nadu during the last three years for the benefit of the under privileged students.

S.No	Name of Scholarship	2011-2012		2012-2013		2013-2014		2014-2015	
		No of students	Amount Rs.Lakh	No of students	Amount Rs.Lakh	No of students	Amount Rs.Lakh	No of students	Amount Rs.Lakh
01	BC - Post Metric Scholarship	126	3.76	506	39.68	314	10.31	75	2.54

02	BC - First Graduate Scholarship	29	1.04	102	4.23	106	8.14	379	15.86
03	MBC - Post Metric Scholarship	100	2.91	136	6.07	288	7.32	143	5.87
04	MBC - First Graduate Scholarship	28	1.14	238	16.64	135	9.84	322	13.80
05	SC Scholarship	108	10.09	205	13.88	384	185.69	630	365.69
<b>Total</b>		<b>391</b>	<b>18.94</b>	<b>1187</b>	<b>80.50</b>	<b>1227</b>	<b>221.30</b>	<b>1549</b>	<b>403.76</b>

The institution has earmarked scholarships for meritorious and poor students who are not availing any other financial assistance. The college has sanctioned the following scholarship amounts during the past 4 years.

S.No	Name of the Student	2010-11	2011-12	2012-13	2013-14	2014-15
01	A.Rasool Beevi, IT	62,500	62,500	62,500	62,500	--
02	M.Papathi, ECE	62,500	62,500	62,500	62,500	--
03	N.Mahalakshmi, ECE	62,500	62,500	62,500	62,500	--
04	N.Priya, ECE	--	--	35,000	35,000	--
05	S.Sanjai, IT	--	--	20,000	20,000	--
06	Sivagnanam, EEE	--	--	12,500	12,500	--
07	K.B.Anantharuban, CSE	30,000	30,000	30,000	30,000	--
08	G.Ranjitha, CSE	30,000	30,000	30,000	30,000	--
09	D.Veni, CSE	30,000	30,000	30,000	30,000	--
10	R.Asmini, ECE	20,000	20,000	20,000	20,000	--
11	S.Bobby, ECE	10,000	10,000	10,000	10,000	--
12	S.Divya, ECE	10,000	10,000	10,000	10,000	--
13	G.Rahul, ECE	10,000	10,000	10,000	10,000	--
14	S.Ringiya, ECE	10,000	10,000	10,000	10,000	--
15	S.Suganya, ECE	--	20,000	20,000	20,000	--
16	B. Sundaresan, ECE	10,000	10,000	10,000	10,000	--
17	V.Arikrishnan, Mech	10,000	10,000	10,000	10,000	--
18	V.Balachandran, Mech	10,000	10,000	10,000	10,000	--
19	M.Kalaiivanan, Mech	10,000	10,000	10,000	10,000	--
20	A.Manikandan, Mech	10,000	10,000	10,000	10,000	--
21	R.Meganathan, Mech	10,000	10,000	10,000	10,000	--
22	A.Md. Arasudeen, Mech	10,000	10,000	10,000	10,000	--
23	C.Muthukrishnan, Mech	10,000	10,000	10,000	10,000	--
24	K.Parameshwaran, Mech	10,000	10,000	10,000	10,000	--
25	S.Anupriya, ECE	--	30,000	30,000	30,000	--
26	A.Arasad Rahman, IT	--	30,000	30,000	30,000	--
27	C.Somtharya, CSE	--	30,000	30,000	30,000	--

28	V.Aravinthan,ECE	--	20,000	20,000	20,000	--
29	R.Giritharan,ECE	--	20,000	20,000	20,000	--
30	M.Mahalakshmi,ECE	--	8375	8375	8375	--
31	A.S.Sowrya Merlin,ECE	--	30,000	30,000	30,000	--
32	J.Aisha Nilofar,IT	--	26,750	26,750	26,750	--
33	J.Dinesh,Mech	--	10,000	10,000	10,000	--
34	M.Gnanisailsingh, Mech	--	10,000	10,000	10,000	--
35	K. Jeevaraj,Mech	--	10,000	10,000	10,000	--
36	P.Sabari,Mech	--	10,000	10,000	10,000	--
37	S.Anupriya,ECE	--	30,000	30,000	30,000	--
38	A.Radhasri,ECE	--	30,000	30,000	30,000	--
39	H.Maimoon Sharifa, IT	--	45,000	45,000	45,000	--
40	S.Sanjai,IT	--	20,000	20,000	20,000	--
41	P.Rahul Gandhi,Mech	--	10,000	10,000	10,000	--
42	V.Stalin, Mech	--	10,000	10,000	10,000	--
43	P.Karthi, Civil	--	10,000	10,000	10,000	--
44	A.Salman,Civil	--	10,000	10,000	10,000	--
45	P.Sathya, Civil	--	10,000	10,000	10,000	--
46	S.Elavarasi,CSE	--	--	30,000	30,000	--
47	K.Jaiganesh,CSE	--	--	30,000	30,000	--
48	K.Pradeepa,CSE	--	--	12,500	12,500	--
49	P.Abirami,CSE	--	--	--	35,000	--
50	R.Poonguzhali,CSE	--	--	--	10,000	--
51	J.Ranjani,CSE	--	--	--	10,000	--
52	A.Isra,CSE	--	--	--	10,000	--
53	K.Kaviyarn,CSE	--	--	--	30,000	--
54	P.SusinDranathan,CSE	--	--	--	8500	--
55	M.Harishkumar,Civil	--	--	--	10,000	--
56	L.Nagarjuna,Civil	--	--	--	8000	--
57	K.Suthagar,EEE	--	--	--	10,000	--
58	P.Venkatesh,EEE	--	--	--	10,000	--
59	V.Karthick,Mech	--	--	--	10,000	--
60	K.Rajaraman,Mech	--	--	--	10,000	--
61	M.Ramkumar,Mech	--	--	--	10,000	--
62	G.Vinoth,Mech	--	--	--	10,000	--
63	P.Marimuthu,ECE	--	--	--	63,500	--
64	D.Sivaranjani,ECE	--	--	--	13,500	--
65	S.Yogeswari,ECE	--	--	--	30,000	--
66	S.Ganga Devi, Civil	--	--	--	--	20,000
67	P.Vasanth,EEE	--	--	--	--	20,000
68	A.Dinesh, ECE	--	--	--	--	20,000
69	M.Agalya, ECE	--	--	--	--	20,000
70	Nafila Shafreen,ECE	--	--	--	--	20,000

71	R.Ranjith,ECE	--	--	--	--	20,000
72	S.Pavithra,ECE	--	--	--	--	20,000
73	S.Sivashankarai,ECE	--	--	--	--	20,000
74	R.Sowmya,ECE	--	--	--	--	20,000
75	C.Anitha,ECE	--	--	--	--	20,000
76	S.Meena,ECE	--	--	--	--	30,000
77	S.Karpahambal,ECE	--	--	--	--	30,000
78	M.Kiruthkia,ECE	--	--	--	--	30,000
79	K.Sangeetha,CSE	--	--	--	--	30,000
80	K.Santhiya,ECE	--	--	--	--	54,000
81	P.Kalaivani,ECE	--	--	--	--	54,000
<b>Total</b>		<b>4,27,500</b>	<b>8,57,625</b>	<b>9,97,625</b>	<b>12,86,125</b>	<b>4,58,000</b>

- **SC/ST**

The college extends all help to SC/ST students to get full fee concession sanctioned by the Government of Tamil Nadu to SC/ST students which facilitates more number of SC/ST students joining in our college.

The particulars of SC/ST students admitted in last 5 years are furnished below.

<b>Year</b>	<b>Students Admitted</b>	
	<b>Total</b>	<b>SC</b>
2010 - 11	1493	179
2011 - 12	1686	216
2012 - 13	1956	262
2013 - 14	2432	500
2014 - 15	2696	569

- **Women**

The college is proud that it has extended engineering education to the scores of women of S.C and Backward communities and especially to Muslim women of this region. But for this institution, the women of this region might have been deprived of engineering education.

The particulars of women students admitted are given below

<b>Year</b>	<b>Students Admitted</b>	
	<b>Total</b>	<b>Women</b>
2010 - 11	1493	458
2011 - 12	1686	626
2012 - 13	1956	799
2013 - 14	2432	996
2014 - 15	2696	1105

- **Economically Weaker Sections**

The Government of Tamil Nadu has fixed quota for the students belonging to economically weaker sections and allot seats under the categories SC/ST, MBC, BC and Muslim communities.

- **Sports personnel**

The institution has been giving preference and extending fee concession for the students excelling in sports and games. By this process this college has produced best sports persons as detailed below.

- Ball Badminton – Top place continuously for the last 4 years in Anna University Region (20 colleges).
- Weight Lifting – 3<sup>rd</sup> Place
- Cricket – I place and representations in National level team of Anna University.

## 2.2 Catering to Student diversity

### 2.2.1 Does the Institution organize orientation Programmes / Induction programmes for freshers?

- The college conducts orientation programme for the students during which the students are informed about the rules and regulation of the college/university, semester system, theory and practical classes, reporting to the college, Examinations, internal and external marks, periodical tests, midterm test, model exams, special coaching classes etc., The parents also attend the orientation programme.
- The college conducts bridge courses for fresher's to orient them and to instill confidence in the learning of the subjects in depth. The Bridge courses are conducted.

The sample particulars of Bridge course experts and Bridge courses offered during 2014-2015 are furnished below.

**I year Bridge Courses (2014 – 2015)**

Date	Section / Period	1	2	3	4	5	6	7	8
10-Jul-14	A	Inauguration				S. Vijayalakshmi (English)		R.Valarmathi (Chemistry)	
	B	Inauguration				P. Jamuna Devi (Mathematics)			
11-Jul-14	A	K.S.Araththi (Mathematics)		S.Praveenkumar (FOC)		V.Manjula (Physics)		C. Gopi (Chemistry)	
	B	A.Jaya Anbarasi (English)		S.Ponsadai Lakshmi (Chemistry)		Engineering Graphics			
12-Jul-14	A	CP Lab				U.Rani (English)		B. RavinDran (Physics)	

	B	M.Markco (FOC)	V.John Paul (English)	T & P Lecture	
13-Jul-14	A	Engineering Graphics		D. Bindhu (Mathematics)	U.Rani (English)
	B	K.Kungumavalli(Physics)	R.Deepa (Mathematics)	Noorul Ameen (FOC)	K.Geetha (English)
15-Jul-14	A	T & P Lecture		S.Praveenkumar (FOC)	B.Ambiga (Mathematics)
	B	T.Kavitha (Mathematics)	T.Clarina (Chemistry)	CP Lab	
16-Jul-14	A	V.Manjula (Physics)	R.Deepa (Mathematics)	S.Vijayalakshmi (English)	R.Valarmathi (Chemistry)
	B	S.Punitha (Chemistry)	R.Maheswari (Physics)	P. Jamuna Devi (Mathematics)	A.Jaya Anbarasi (English)
17-Jul-14	A	K.S.Araththi (Mathematics)	S.Praveenkumar (FOC)	V.Manjula (Physics)	C. Gopi (Chemistry)
	B	A.Jaya Anbarasi (English)	S.Ponsadai Lakshmi (Chemistry)	Engineering Graphics	
18-Jul-14	A	CP Lab		U.Rani (English)	B. RavinDran (Physics)
	B	M.Markco (FOC)	V.John Paul (English)	T & P Lecture	
19-Jul-14	A	Engineering Graphics		D. Bindhu (Mathematics)	U.Rani (English)
	B	K.Kungumavalli (Physics)	R.Deepa (Mathematics)	Noorul Ameen (FOC)	
20-Jul-14	A	T & P Lecture		S.Praveenkumar (FOC)	B.Ambiga (Mathematics)
	B	T.Kavitha (Mathematics)	T.Clarina (Chemistry)	CP Lab	

### 2.2.2 Does the Institution assess the learning levels of the students, after admission and design programs for advanced learners and slow learners?

The Admission is primarily based on marks obtained in the 12<sup>th</sup> standard examinations. Most of the students have learned the subjects through Tamil Medium of instruction. Hence, during the conduct of classes, their exposure levels are indentified and suitable programmes are conducted for the needy students.

- As the most of the students have studied upto 12<sup>th</sup> standard through Tamil Medium of instruction, English language improvement program classes, communication skill development programs and computer programming are organized throughout the semester.

Soft skills and Personality Dev. – 21.9.11 – Dr.Palanisamy, Vision School, Pondichery

Application of queuing theory – 5.1.12 to 15.1.12 – Dr.Sobia Porchelvi, ADMC, Nagai

Queuing theory and it's application – 11.2.12 – 17.2.12 – Dr L.Priyakumar, TBMLC.

Aptitude Training - 18.7.13 – Mr.Balasubramanian

Aptitude Training - 25.7.13 – Mr.Veera, Transtuff



Carrier Guidance Programme - 02.02.15 – Dr.Anwar Ahamed, EGSP Arts & Sci.

- Advanced learners are identified and special coaching classes and training programs are organized for motivating them to sit for Competitive exams for Employment and also for Higher Education. Consequent on this, students are getting selected by top tier MNC's and few students have been successful in GATE and IAS exams.
- Special coaching classes / Short time hostel stay and study programme.

### **2.2.3 Does the institution analyze the academic growth of differently abled students and provides the tutorials for needy students?**

- Special care is taken for the differently abled students. For example the class room is allotted in the ground floor. Ramps along with footsteps, amenities in the wash rooms etc are provided.
- There was one student by name M.Mohammed Maideen who was undergoing B.Tech (IT) during 2005-2009. His legs had 80% impairment. His brother used to carry him like a child while coming to and returning from the college. He passed out in the year 2009 with I class. He did his M.E at Pondicherry Engineering College with full fee concession.

### **2.2.4 Does Institution foster an Inclusive academic ambience?**

- The college administration has great concern that the students should undergo learning process coupled with discipline.
- Rules with respect to Dress code for students and faculty members have been framed. Boys should wear full pant, tucked in simple shirt, shoes and ID Card. Girls should wear Chudi-dhar, shawl, ID card and Shoes. Mobile phones are not allowed. Male faculty members should wear tie, ID card and Shoes. Female faculty members should wear sari, over coat and ID Card.
- Creation of class wise knowledge corner, "a new terminology for the day" and department technical associations keep the students busy and enable them enjoy the academic ambience.
- Monthly faculty seminars/ Students presentations etc., are arranged

## **2.3 Teaching – Learning Process**

### **2.3.1 How does the Institution meticulously plan and organize its teaching schedule?**

- Students' calendar containing the following details is issued to all the students.
  1. Vision and Mission of the College
  2. Day order Class time table for odd and even semester

3. Day to Day events like periodical tests, Midterm tests and Model tests.
  4. Notice on prevention of Ragging
  5. College Rules and Regulations
  6. Hostel rules/study hours
  7. Fee details
  8. Contact Numbers of important officers.
- The class time table is prepared by conducting joint sitting of HOD's and staff for allotting subjects without any clash. The time table is exhibited in Notice boards and in every class room. Students have to copy it in the Students calendar.
  - Periodic class committee meetings are conducted for monitoring the teaching progress and for getting students feedback.

### **2.3.2 Student centered methods are an integral part of the pedagogy adopted by the faculty.**

- Students are provided with copy of the syllabus.
- For the first year students, the lectures and explanations are supplemented with vernacular Tamil Language.
- Process implementation and its efficacy are discussed and fine tuned in class committee meetings.
- Presentations/Group discussion/Interactive methods of teaching are followed.
- Learning is supported with miniprojects, Seminars, field works, industrial visits etc
- Text books are provided for self study
- Lecture Schedule is given at the beginning of the semester.
- Practicals, Project works and Assignments are given top priority.
- Library, internet, language lab facilities for value addition.
- Special programme for slow learners
- Student counseling (20 students per staff)
- Some of the rural students lacking confidence, having inferiority complex are identified and are dealt with to infuse confidence.
- For individual faculty 20 students are allotted. The staffs closely monitor the students' performance. One tutor hour per week for the students; 3 Tutor meetings per semester for the Principal are conducted.

### **2.3.3 Weather Experiential learning, Participative learning, Problem solving methodologies are used for enhancing learning experience?**

- “See, experience, think and clarify in the class” method is followed in respect of the subjects like Building materials. Thermodynamics, Power Generation and distribution etc.
- Field visits and Industrial visits are encouraged.

- Group tasks, Group discussions are arranged.
- Assignments on latest trends, problem solving events etc are given

#### **2.3.4 Does the Institution have formed linkage with national agencies like NMEICT to promote blended learning and latest technologies for effective teaching?**

- Our college has been selected as Nodal Centre for Quality improvement Cell by Anna University, Chennai. Under this program a digital library and facilities to avail e-learning, NPTEL, Spoken tutorials, etc designed by MHRD, IIT Bombay, IIT Chennai and Anna University have been created.
- Our college has established a centre for receiving the live telecast lectures by eminent Professors of Anna University through Anna Edu-Sat program.

#### **2.3.5 How the learning environment is available for critical thinking, creativity and scientific temper?**

- Students are taking active part in contributing to the “students’ knowledge corner” of every class. The students are encouraged to display paper clippings, downloaded information etc., on daily basis.
- The scheme “**A new terminology for the day**” enhances creative thinking.
- Students are encouraged to prepare students magazines/Departmental magazines.
- Students are given mini project works through which novel prototypes and working models have been produced by the students.
  - **Examples:** High way speed breaker actuated pumping system, Motor cycle operated pump, two wheeler run by water, sensor for persons entrapped in disaster etc.
- Students are encouraged to attend seminars, symposiums in the college and outside the college to present papers.
- Particulars of students participation in seminars, symposiums are furnished below

<b>S.No</b>	<b>Name of the students</b>	<b>Title of paper presented/ Events</b>	<b>Name of the Conference, Symposium and others</b>	<b>Date</b>
1.	S.Sundar M.Krisnha kumar	Marketing	GIMMICKS`10	3,4.10.2010
2.	S.Sundar M.Krisnha kumar	Project presentation		
3.	S.Sundar M.Krisnha kumar	Paper Presentation	EXCELLENZIA`10	5.10.2010
4.	S.Sundar M.Krisnha kumar		PITS Black & white PITS	28,29.02.2011

5.	S.Sundar M.Krisnha kumar		GIMMICKS`10	3,4.10.2010
6.	S.Sundar Kirthika Nitrajan	Paper Presentation & Bug Hunts	TECHNOTHIRS`11	25,26.02.2011
7.	S.Sundar	Quiz	INFERNO`10	26.02.2010
8.	M.Krisnha kumar	Paper Presentation	XCIENTIA`10	12,13.02.13
9.	RajenDran	Debugging	RIISTAARA`11	21.02.2012
10.	K.Suriya kumar,	Quiz	Symposium, Bharathiyar	15.02.2012
11.	RajenDranudayini	Paper Presentation	Bharthiyar college	15-03- 2012
12.	U.Prasanth	Multimedia	PRIST	21-02-2012
13.	RajenDranudayini	Paper Presentation	Oxford engg college	17.03.2012
14.	R.Sivaguru	Debugging	Bharathiyar college,	15-03-2012
15.	K.Sarvanapriya	Paper Presentation	Symposium PABSET	3-03- 2012
16.	J.Premkumar		Symposium Bharthiyar college	14,15-03- 2012
17.	S.Anuradha			
18.	S.Suganya			
19.	P.Revathi			
20.	S.Suganya			
21.	D.Kanimozhi			
22.	H.Mohammed			
23.	S.Yogapraba		Symposium PRIST	21-02-2012
24.	N.Varadharajan	Debugging,	VIRTUOSO `13BCET,	
25.	RajenDranUdayini	Paper Presentation	XCIENTIA `12	16.03.2014
26.	Ramya D	Treasure Hunt		Participation
27.	R. Giritharan	Project presentation	SPREEE	16.03.2014
28.		A technique of transferring Visual information between the brains- An eye to visually impaired person	IJARECE	Jan'2014
29.		A non conventional mobile phone charger		Feb'2014
30.	R. Giritharan	An artificial sight to visually	National conference	28.02.2014
31.	R. Giritharan	A trend in industrial	International conference	22.12.2013
32.	P. Vanmathi	Mobile communication	National level technical Symposium	06.04.2013
33.	R. Bakiyavathi	Debugging		27.03.2014
34.	R. Bakiyavathi	3G and 4G technology		27.03.2014
35.	Bagavathi	Android		27.03.2014
36.	R. Abinaya	Solid waste proposal and	16 <sup>th</sup> ISTE student's national	27.09.2013
37.	R.Umamaheswari	Group discussion	E.G.S. Pillay Engineering College, Nagapattinam	5-10-2010
38.		Paper presentation		5-10-2010
39.	M. Manikandan	Task Expo , Linq./Spirit 2k11	J. J. College of Engg	12-3-2011
40.	B. Dinesh	Task Expo / Spirit 2k11		12-3-2011
41.	B. Elambarithi	Task Expo Spirit 2k11		12-3-2011
42.	G. Arun Prasath	Linq, Spirit 2k11/		12-3-2011

43.	V. Ezhilarasi	Paper PresentationEclat	E.G.S. Pillay Engineering College, Nagapattinam	4-2-2011
44.	S. Aarthiy	Paper Presentation/		26-8-2011
45.	G. Arun Prasath	Debugging, Tech-Quiz / Spirit	J. J. College Of	27-8-2011
46.	B. Adhithya	Paper	EGSPEC	10-2-2012
47.	R. Jayalakshmi	Paper Presentation /		10-2-2012
48.	S. Sanjal	Quiz	M.A.M College Of Engg And Tech, Trichy	27-9-2012, 28-9-
49.	S. Sanjal	Paper Presentation		27-9-2012, 28-9-
50.	S. Sanjal	Mockey Teriz, Quiz 'O' Mania,		27-9-2012, 28-9-
51.	R. Jayalakshmi	Paper Presentation/ Xcientia'12	AEC	27-9-2012, 28-9-
52.	P. Veeramanikandan	Paper Presentation/ Ams-Iet	Aalim Muhammed Salegh College Of Engineering	28-9-2012
53.	T. Vignesh	Paper Presentation/ Ams-Iet		28-9-2012
54.	G. Arun Prasath	Game, Debugging / Spirit2k12	J. J. College Of Engg, Trichy	28-9-2012
55.	K.. Vigneshwara	Quiz / Spirit2k12		28-9-2012
56.	B. Dhinesh	Debugging/ Spirit2k12		28-9-2012
57.	S. Shanmugam	Quiz/ Spirit2k12		28-9-2012
58.	M. Sadham Hussain	Whats The Good Word, Travel	VIT	6-2-2013
59.	K. Uthrapathy	And Living Quiz, Krvptographv.		6-2-2013
60.	S. Panimalar	Paper PresentationCynosure '13	Bharathiyar College Of Engg & Tch	21-3-2013
61.	Sukipriya	Quiz, Adzap/ Cynosure '13		21-3-2013
62.	S. Priyanka	Paper PresentationCynosure '13		21-3-2013
63.	S. Pavithra	Best Project Award	EGSPEC	29-3-2013
64.	K. Uthrapathy	Paper Presentaion	AVCCE	13-4-2013
65.	S. Haripriya	Paper PresentationTechnoRace	AVCCE	28-9-2013
66.	R. Jayalakshmi	Paper Presentation, Quiz, Game,	Trichy Engineering College	28-2-2014
67.	S. Sathishkumar/ IT	Workshop on Ethical hacking	PSG Engineering College	26-3-2011
68.	G. Vijayaragavan/	Workshop on Ethical hacking		26-3-2011
69.	T. Adhilakshmi	Enterprise Distributed Object	InDra Ganesan College Of	5-8-2011,
70.	M. Sivaranjani	One Day Workshop On Recent	AVCCE	10-3-2012
71.	P. Pavithra	Capacity Builing For Industrial	AVCCE	5-9-2012
72.	P.Suganya	The Art Of Soft Skill /Riviera 2013	VIT	6-2-2013 to 9-2-2013
73.	E. Nalarubiga			
74.	M. Mohamed			
75.	M. Sadham Hussain			
76.	I. Marciline			
77.	K. Uthrapathy			
78.	R. Elakiya			
79.	K. Lallu Prasad			
80.	V. Elangovan			
81.	N. Madhumitha			
82.	K. Vigneshwara	Network simulator – 2	Annamalai University, Chidambaram	6-3-2013
83.	K. Mohammed			to
84.	B. Roshini			7-3-2013
85.	S. Sridhar			
86.	K. Vijayalayan			
87.	M. Manikandan			

88.	S. Manikandan			
89.	P. Pavitha			
90.	R. Catherin			
91.	K. Suganya			
92.	S. Madhumathi			
93.	M. Ananthi			
94.	R. Ramya			
95.	S. Deepa			
96.	G. Arun Prasad			
97.	A. Elakiya			
98.	A. Reymond			
99.	P. Abinaya			
100.	S. Haripriya			
101.	R. Indhumathi			
102.	R. Nandhini			
103.	S. Pavithra			
104.	S. Shanmuga Raja	Android Application Development and Job Oppurtunities	BCET	16-3-2013
105.	P. Pavithra			16-3-2013
106.	R. Catherin			16-3-2013
107.	T. Nithya	Network Specialist	Kashiv Infotech, Chennai  National Hall, Karaikal	27-8-13
108.	G. Sangavi			
109.	M. Indumathi			
110.	G. Kiruthika			
111.	M. Dhivya			
112.	S. Kalaiyarasi			
113.	R. Jayalakshmi			
114.	R. Jayalakshmi	IOS 7.0, Tek Campus		26-1-2014
115.	S. Pavithra			
116.	R. Jayalakshmi	Ethical Hacking	Kernal Mind	23-2-2014
117.	S. Pavithra			23-2-2014
118.	S.Vigneswari		CHAKRAVYUHA'11	26.08.2011
119.	S.Beemabai			26.08.2011
120.	S.Vigneswari		Motivating the new Technology to the middle career employees  Talent Acquisition	RVS Institute of Management Studies and Computer Application  Technothirst 11-12
121.	S.Beemabai	27.08.2011		
122.	K.Vignesh	03.10.2011		
123.	K.Vignesh	30.09.2011		
124.	K.Vignesh	10.02.2012		
125.	M.Prabha	Sress Management	AMIM 2k13	07.02.2013
126.	P.Bhuvana	Waste Management		
127.	R.Vinothkumar			
128.	K.Ramasamy			
129.	Dhineha	Work life Balance In India		
130.	B.Narmadha	Stock Market fluctuation in India		
131.	R. Sharmila Devi	A study on Mid-Career blues with refers to Hyundai Motors		
132.	J.Sindhuja			

133.	G.Suganya	Foreign Direct Investment	Contemporary Management Practices in Competitive World	25.02.2014
134.	M.Sabarishri			
135.	S.Subha	Stock Market fluctuation in India		
136.	S.Vinotha	Green Marketing		
137.	R.Suganya			
138.	R.Karthikeyan	Impact of Advertisement in		
139.	A. Ranjithkumar	Online Marketing		
140.	K.Prithivirajan	A role of credit rating agencies		
141.	M.Anusha	Assessment of Present Economic		
142.	K.Gunasekaran	E-Marketing		
143.	K.Kalpana	E-commerce and Consumer		
144.	M.Kaleeswari	Rural Marketing in India		
145.	S.Kalaivani			
146.	V. Elaiyapraveena	The Impact of Social Media		
147.	R.Ramki	Words Wisdom, Web Design	Technothirst'13	13.4.2013
148.	V.Prabakaran			
149.	T.Mohamed Ameer	Technical event	Techfest 2k13,	22.2.13 & 23.2.13
150.	C.Eswari	Debugging	CYNOSURE'13	21.3.13-22.3.13
151.	K.Venkatesh	Quiz		21.3.13-22.3.13
152.	C.Eswari	Adzap		21.3.13-22.3.13
153.	K.Ramya	Quiz	MEGH'O'SA IENSIA'12	10.2.12
154.	S.Bhuvaneshwari			
155.	K.Ramya			
156.	S.Bhuvaneshwari			
157.	Vasanth	Advertisement	Inter collegiate competition	25.2.11
158.	Ranjani.R	Craft Making		25.2.11
159.	Elakkia.V	Poetry		25.2.11
160.	Sowmiya.S	Short Drama	Youth festival	15.3.11
161.	M.Lourdu Rubi	Debating		15.3.11
162.	K.Thamarai Kannan	Quiz	Winfete'10	5.10.10
163.	Muruganantham			5.10.10
164.	R.Durealakshmi			27.8.10
165.	N.Devendiran	Technical marketing	Infeno'10	26.2.10
166.	N.Akalya	Quiz	Inferno'10	26.2.10
167.	J.Manikandan	Paper presentation	EGSPEC	05/10/2010
168.	J.s.Adhanandham	Technical paper presentation	Vinayaka missions Kirupananda Variyar Engg college	23/09/2010
169.	V.Sakthi murugan	Technical paper presentation		23/09/2010
170.	B.Yoganathan	Paper presentation		23/09/2010
171.	B.Abhilash	Paper presentation		23/09/2010
172.	R.Vigneshwaran	Paper presentation	EGSPEC	05/10/2010
173.	J.Manikandan	Paper presentation		05/10/2010
174.	A.Bharath	Workshop participation		13/03/2014
175.	S.Abishek	Workshop participation		13/03/2014
176.	B.Kovarasana	Environmentally cleaner welding	Annamalai university	17/04/2009
177.	J.Sadhanandham	Dual fuel hybrid bike	Mount zion college of engg	21/02/2012

178.	V.Sakthimurugan		and technology	21/02/2012
179.	S.santhosh kumar	Performance evaluation of an integrated closed typr multi-purpose solar oven	Athiparasakthi Engg. College,Kanchipuram	21/04/2012
180.	S.Yasar arafath			21/04/2012
181.	A.Sathish	Micro electro mechanical system	JJCET	24/09/2012
182.	V.Vigneshwaran			
183.	V.Vignesh			
184.	G.Ramesh babu			
185.	R.Akilan			
186.	R.Raja			
187.	S.Sakthivel			
188.	K.Mukesh raja			
189.	G.Sabarish			
190.	R.Sathish			
191.	T.Sivakumar			
192.	A.sathish			
193.	V.sakthimurugan	Paper presentation	R.V.S College of Engg and	12/09/2012
194.	R.raja	One day workshop on lean manufacturing	Kurinji college engineering and technology	01/09/2012
195.	V.vignesh			
196.	V.vigneshwaran			
197.	K.mukesh raja			
198.	N.manikandan			
199.	S.sakthivel			
200.	G.Ramesh babu			
201.	K.mukesh raja	One day workshop recent trends in engg tribology and surface	Sri venkateshwara college of Engg	29/09/2012
202.	R.Sivaguru			
203.	B.Ramalgam			
204.	G.Kalaiyarasan	IC engine workshop	Velammal engineering college	31/08/2013
205.	J.Abdullah	Design and evalution of flopping wing mechaism	Annai college of Engg. Kumbakonam	06/04/2013
206.	S.Syed Jahir hussion			
207.	S.Syed Bava	Performance analysis of pcm based solar still		
208.	R.Karthikeyan			
209.	J.Manikandan	Paper presentation	Gopal Ramalgam Memorial Engg.College	05/04/2013
210.	S.Sathish			
211.	Sheik Alaveeden Satheen Kuamar	Seminar Participation - SAP	Periayar Maniyammai University, Tanjore	08/01/2015
212.	Naseema Parvin.R	Java Programming	NIIT-Nagai	2014
213.	Parkavi.D	Java Programming	NIIT-Nagai	2014



214.	R.Saranya	FIR&IIR filter design techniques using MATLAB	EGSPEC	6.8.14 – 10.8.14
215.	R,Anusuya	FIR&IIR filter design techniques using MATLAB	EGSPEC	6.8.14 – 10.8.14
216.	M.Hema	Paper Presentation	Perunthalaivar Kamarajar institute of engineering and technology,Karaikal	29-03-2014
217.	G.DurgaDevi			
218.	G.Anitha			
219.	C.Ilamathi			
220.	S.Aishwarya			
221.	R.Mahalakshmi			
222.	Manikandan M	National Level Workshop on “ Computer Programming”	AVC College of Engineering, Manampandal	18.09.2014to19.09.2014
223.	Balamurugan S.M			
224.	Sinthiya M			
225.	Balamurugan S.M Sudharsan K Kathirvel N	Worshopon”Data Mining with Weka”	AVC College of Engineering, Manampandal	25.09.2014
226.	R. Jayalakshmi	National Hall, Karaikal	IOS 7.0, Tek Campus	26-1-2014
227.	S. Pavithra	National Hall, Karaikal	IOS 7.0, Tek Campus	26-1-2014
228.	R. Jayalakshmi	Kernal Mind	Ethical Hacking	23-2-2014
229.	S. Pavithra	Kernal Mind	Ethical Hacking	23-2-2014
230.	R. Jayalakshmi	Trichy Engineering College	Paper Presentation, Quiz,	28-2-2014
231.	R. Jayalakshmi	IOS 7.0, Tek Campus	National Hall, Karaikal	26-1-2014
232.	S. Pavithra	IOS 7.0, Tek Campus	National Hall, Karaikal	26-1-2014
233.	R. Jayalakshmi	Ethical Hacking	Kernal Mind	23-2-2014
234.	S. Pavithra	Ethical Hacking	Kernal Mind	23-2-2014
235.	R. Jayalakshmi	Paper Presentation, Quiz, Game,	Trichy Engineering College	28-2-2014
236.	U.Nivethitha	Paper presentation	Avce,manapanthal	Jan-2014
237.	S.Dhivya	Paper presentation	Avce,manapanthal	Jan-2014
238.	R.Vinitha	Paper presentation	Avce,manapanthal	Jan-2014
239.	R.Lalitha	Paper presentation	Avce,manapanthal	Jan-2014
240.	I.Chitra	Paper presentation	Avce,manapanthal	Jan-2014
241.	S.Manimala	Paper presentation	Avce,manapanthal	Jan-2014
242.	R.Jayalakshmi	Java intership(10 days)	Uniq technologies	Jan-2014
243.	V.Vimal	debugging	Aamec,thiruvarur	Feb-2014
244.	A.Pradeep	debugging	Aamec,thiruvarur	Feb-2014
245.	P.Anbarasan	debugging	Aamec,thiruvarur	Feb-2014
246.	J.Pravikumar	debugging	Aamec,thiruvarur	Feb-2014

247.	R.Santhoshkumar	debugging	Aamec,thiruvarur	Feb-2014
248.	A.Kaleelurrahman	debugging	Aamec,thiruvarur	Feb-2014
249.	G.Harishkumar	debugging	Aamec,thiruvarur	Feb-2014
250.	R.Malarventhan	debugging	Aamec,thiruvarur	Feb-2014
251.	T.Vetrivel	debugging	Aamec,thiruvarur	Feb-2014
252.	M.Mohamed sheik	Sap program	Pmu ,thanjore	Jan-2015
253.	A.Vairaprasath	java	Intership in hcl	Jan-2015
254.	S.S.Satheeshkumar	Sap program	Pmu,thanjore	Jan-2015
255.	I.bhuvaneshwari	Paper presentation	Shrinithikalvikodam,chennai	Feb-2015
256.	J.Abinaya	InplantTrainning	Kaashiv InfoTech	Dec 2014
257.	J.Abinaya	Paper presentation	AVC College Of	Jan 2015
258.	J.Abinaya	Debugging	AnjalaiAmmal	Feb 2015
259.	k. Gurubrindha	InplantTrainning	Kaashiv InfoTech	Jan - 15
260.	k. Gurubrindha	Paper presentation	AVC College Of	Feb - 15
261.	k. Gurubrindha	Program Paradise	CSI School	Jun - 14
262.	K. Hemashree	WorkShop	KaashivInfotech	Jun - 14
263.	K. Hemashree	Debugging	AnjalaiAmmal College	Feb - 15
264.	M .indhumathi	WorkShop	KaashivInfotech	Jun - 14
265.	M .indhumathi	WorkShop	KaashivInfotech	March - 9
266.	M .indhumathi	Workshop	SVS college	Oct - 14
267.	G.Priyanga	WorkShop	KaashivInfotech	Jun - 14
268.	G.Priyanga	WorkShop	KaashivInfotech	March - 14
269.	R.A.Kuralarasi	Implant Training	KaashivInfotech	Feb - 15
270.	S.Priya	Implant Training	KaashivInfotech	Jun - 14
271.	S.Priya	Debugging	AnjalaiAmmal College	Feb - 15
272.	A.SukiPriya	Innovative Project Expo	Sri ManakulaVinayagar	Sep - 15
273.	A.Sanjai	Innovative Project Expo	Sri ManakulaVinayagar	Sep - 15
274.	S.Dhivya	Paper Presentation	AVC Enginnering College	Jan - 15
275.	G.Kirthiga	Implant Training	KaashivInfotech	Jun – 14
276.	G.Kirthiga	Implant Training	KaashivInfotech	Mar - 09
277.	T.Nithya	Debugging	AnjalaiAmmal Engineering	Jun - 14
278.	T.Nithya	Implant Training	KaashivInfotech	Feb - 15
279.	K.Sasikala	Debugging	AnjalaiAmmal Engineering	Jun - 14
280.	K.Sasikala	Implant Training	KaashivInfotech	Feb - 15

281.	K.Sasikala	Implanting Training	NIIT	Mar - 15
282.	B.priyanka	Debugging	AnjalaiAmmal Engineering	Jun - 14
283.	B.priyanka	Implant Training	KaashivInfotech	Feb - 15
284.	K.Sasikala	Debugging	AnjalaiAmmal Engineering	Jun - 14
285.	K.Sasikala	Implant Training	KaashivInfotech	Feb - 15
286.	K.Sasikala	Implanting Training	NIIT	Mar - 15
287.	K.Sasikala	Implant Training	KaashivInfotech	Sep - 14
288.	P.Suriya	Paper Presentation,	AnjalaiAmmalMahalingam	12/02/2015
289.	S.Banupriya	Debugging	AnjalaiAmmalMahalingam	12/02/2015
290.	K.Vidhya	Paper Presentation	A.V.C Engineeing college	30/01/2015
291.	R.Shrikokila	Paper Presentation	A.V.C Engineeing college	30/01/2015
292.	R.Kannan	Paper Presentation	A.V.C Engineeing college	30/01/2015
293.	A.MustakAhamed	Debugging	Kings College of	30/01/2015
294.	R.Dinesh Kumar	Paper Presentation	A.V.C Engineeing college	30/01/2015
295.	M.TharikAhamed	Paper Presentation,	Kings College of	30/01/2015
296.	S.Madhan Kumar	Paper Presentation,	Kings College of	12/02/2015
297.	B.Venkatesan	Debugging	AnjalaiAmmalMahalingam	12/02/2015
298.	R.Mathi	Debugging	AnjalaiAmmalMahalingam	12/02/2015
299.	A.Buchiya	Paper Presentation,	A.V.C Engineeing college	12/02/2015
300.	T.Sivakalai	Paper Presentation,	AnjalaiAmmalMahalingam	12/02/2015
301.	K.Pavithra	Paper Presentation,	AnjalaiAmmalMahalingam	12/02/2015
302.	SubashPrianga	Paper Presentation,	A.V.C Engineeing college	12/02/2015
303.	M.Reetha	Debugging	AnjalaiAmmalMahalingam	12/02/2015
304.	D.Mahalakshmi	Workshop	Anna University,Chennai	6/02/2015
305.	S.Divya	Workshop	Anna University,Chennai	6/02/2015
306.	S.Chandraleka	Workshop	Anna University,Chennai	6/02/2015
307.	S.Samraj	National Level Management Meet	Sona School of Management	9.10.2014
308.	A.Asarudeen			
309.	M.Mathanraj			
310.	K .Prithivirajan			
311.	A.Ranjith Kumar			
312.	R.Vinoth Kumar		Sona School of Management	9.10.2014
313.	K.G.Thiyagarajan			9.10.2014
314.	N.Ranjith Kumar		Sastra University	10.10.14

315.	Purushothaman	National Level Management Meet		11.10.14
316.	Sarth Kumar.V			
317.	Vignesh.C			
318.	Rajkumar. B			
319.	Mani Kandan.G			
320.	Jayaraj .S			
321.	Dharmaraj. S			
322.	Jagan .T	National Level Management Meet	Jamal Institute of Management	15.10.14 16.10.14
323.	Periya .G			
324.	Barani Vishithra			
325.	Dharani Abirami.M			
326.	Lakshmi.R			
327.	Sobana Devi.A			
328.	Sobana Devi			
329.	Sumithra.G			
330.	Sumithra.G			
331.	Sindhuja.S			
332.	Sowmiya.M			
333.	Sowmiya.M			
334.	Pavihra			
335.	Rajeshwari.R			
336.	Rajeshwari.R			
337.	Vinitha .K			
338.	Vintha.K			
339.	Pushpanjali.S			
340.	Pradeepa.N			
341.	Pradeepa.N	National Level Technical Symposium	A.V.C.College of Engineering	29.01.15 30.01.15
342.	Prasannath.R			
343.	Meenatchi.S			
344.	Mahalakshmi.R			
345.	Bhagiyalakshmi.A			
346.	Dhanalakshmi.R			

- Development of smart class rooms, arranging seminars, workshops, talent shows, Exhibitions, giving assignments, group discussions etc augment scientific temper and good learning atmosphere.

### **2.3.6 How does the institution follow a system of mentor – mentee to meet the academic and personal needs of students?**

Ward counseling and Tutorial systems take care of these aspects:

- Confidence is infused in the slow learners and rural students who have inferiority complex.
- Special classes and “Short time Hostel stay and learn” programs are arranged.
- Tamil Medium students are given language lab course after college hours.
- Each faculty is allotted with 20 students. The staff concerned looks after the allotted students with respect to Attendance, Regularity. Performance, Interaction with parents etc., The staffs are given one tutor hour per week and the Principal has three tutor meetings every semester

### **2.3.7 How does the institution give due recognition to innovative and creative contributions of its faculty and students?**

- Innovative creations of the students and staffs are published in leading news papers and cash awards/citation is presented.
- The students are given awards for 100% attendance

### **2.3.8 How does the institution integrate projects/field experience into the leading programmes?**

- The college motivates the students to undertake personal mini projects.
- The UG student do their project in the final semester.
- The PG students do their project work in their pre-final and final semester.
- Both in-house and outside projects involving external institutions are undertaken depending on the study subject.
- Industrial Visits, Seminars/Workshops and Assignments provide practical experience.
  - All final year students undertake mini projects. The outcome of the project is evaluated by External and Internal Examiners as per the rules of the Anna University. The particulars of Department wise student projects carried out are furnished below.

S.No	Title of the project	Name of the students	Name of the guide
<b>Computer Science and Engineering</b>			
1.	Mouse activity by eye expression using support vector machine	R.Aarthi (80609132001) K.Manjula (80609132012) S.Nancy anjali(80609132017)	Ms.T.Sowkarthika Assistant Professor

2.	Routing framework for traffic monitoring using measu routing	K.Roja(80609132028) S.Sangeetha (80609132029) R.Chithra(80609132003)	Ms.R.G.Gokila Assistant Professor
3.	Cloud information accountability framework for auditing the data usage in cloud environment	T.Anitha (80609132002) R.Iswarya (80609132007) S.Raja Soundarya(80609132022)	Mr.P.Anandraj Assistant Professor
4.	Enhancing the quality of interactive applications by latency equalization routing	V.Shanthi(80609132034) S.Vennila(80609132039)	Mr K.Balasubramanian Assistant Professor
5.	Detection of insecure dynamic component loading	P.Sarumathi(80609132031) C.Sathy.(80609132032) D.Sharmila.(80609132035)	Ms S.Mahalakshmi Assistant Professor
6.	Employee Tracking System Using AnDroid Smart Phone	A.Mohemed Haris(80609132014) H.Mohemad Tharik Azeez(80609132016) S.Gnaya Poornan(80609132005)	Mr.G.ArulSelvan Assistant Professor
7.	Effective Data Broadcasting in Wireless networks	P.Rajalakshmi(80609132023) M.Meera(80609132013) D.Dhurgadevi(80609132004)	Ms.E.Elakiya Assistant Professor
8.	A Novel scheme for load balancing multipath switching mechanism	J.Vignesh(80609132040) R.Karnan(80609132008)	Mr.A.Rameshkumar Assistant Professor
9.	An Integrated Form of Data Forwarding in Cloud Storage System using Proxy Re-encryption Scheme	A.Nancy Mariya(80609132018) S.Subathra(80609132037) S.Suganya(80609132038)	Mr.A.Manivannan Assistant Professor
10.	Dynamic Resource Allocation using Gossip Protocol for Large Cloud Environments	K.Kiruthika(80609132009) RajenDran udayini(80609132024) D.Ramya(80609132026)	Dr.R.Sakkaravarthi Associate Professor
11.	Secured and Efficient Storage Services in Cloud Computing Using Flexible Integrity Auditing	S.Nandhini(80609132019) S.Yogapraba(80609132042)	Mr.P.AnanDraj Lecturer
12.	Packet Concealing strategies for Preventing Selective Jamming Attacks	S.Vijayalakshmi(80609132041) K.Senbaga Lakshmi(80609132033) P.Revathi(80609132027)	Mr.K.Balasubramanian Assistant Professor
13.	Flexible and Scalable Access Control in Cloud Computing using “HASBE”	A.Subash(80609132036) R.Manikandan(80609132010) D.Hareesh(80609132006)	Mr.S.Aravind Assistant Professor

14.	Wireless Mobile Display Solution for Cloud Computing	G.Arulmurugan(80609132502) R.Prakash(8060913219)	Mr.S.Aravindan Assistant Professor
15.	Multipath Node Disjoint Routing System	T.Akila (8060913501) A.Karthika (8060913511) D.Saranya (8060913527)	Mr.K.Balasubramanian Assistant Professor
16.	Mollifying the risk for MANET routing attack using dempster shafer theory	G.Kalaiselvi (8060913510) S.Sujitha (80609132532) D.divya(80609132505)	Mr.A.Baskar Lecturer
17.	Security and efficiency of content distribution using sparse random liner network coding	R.Dhivya(80609132503) D.Surya (80609132534)	Dr.R.Sakkaravarthi Associate professor
18.	Retrieving relevant information using ontology	K.suriya kumar (80609132533) D.Muthukumar (80609132533) R.Madhavan (80609132513)	Ms.P.Swathi Lecturer
19.	Health care management system using anDroid smart phones	V.Vennila (80609132537) C.Nithya (80609132517)	Ms.P.Vijayalakshmi Assistant Professor
20.	Implementing cryptography technique in message passing system	R.Iyaappan (80609132508) S.Prabhu(80609132518) M.Madhavan (80609132512)	Ms.S.Mahalakshmi Assistant Professor
21.	To secure the stegno file using cryptography algorithm	R.Senthil (80609132529) K.Jaiganesh(80609132509) S.Sarathkumar(80609132528)	Mr.R.Manivannan Assistant Professor
22.	SOA Framework and security system for private data	S.Syed Ibrahim(80609132535) V.prasanth(80609132521) R.Sivaguru(80609132531)	Mr.M.Balaji Assistant Professor
23.	A Robust aware routing framework for dynamic WSN'S	R.Ramesh kumar(80609132526) V.Vinoth(80609132538) K.G.Manikandan(80609132514)	Mr.G.Arul Selvan Assistant Professor
24.	Securing Passwords Against Dictionary and Botnets Attacks	M.Manikandan(80609132515) T.Rajesh(80609132525) R.Ganesh kumar(80609132506)	Mr.S.Praveen Kumar Assistant Professor
25.	Defencing against DDOS Attack in Wireless MANET using IDS	T.Dineshkumar(80609132504) B.Prasanna(80609132520) J.Premkumar(80609132523)	Mr.M.Markco Assistant Professor
26.	A Secure remote Authentication Scheme for Privacy Preserving using TPM	S.Harikrishnan(80609132507) B.Singara velu(80609132530) S.Rajkumar(80609132524)	Ms.P.Suganya Assistant Professor
27.	Surviving Attack in	N.Parthiban(80609132020)	Mr.D.Murali

	Challenged Network	S.Ramesh(80609132025) Vengatesh(80609132203)	ChanDraSekar Lecturer
28.	Data Management and Synchronization in a Mobile Ad Hoc Network	Prathap Nayak(80609132522) A.Vijayakumar(80609132202)	Mr.R.Sitrasu Assistant Professor
<b>Electronics and Communication Engineering</b>			
29.	Soft Computing based Performance analysis by Noising and Denoising of Mammographic Images	Abirami .T Dharani Pavithra .S Iyswarya .B	Ms.R.Lakshmi Rekha
30.	Soft Computing based Performance Analysis with wavelet and curve let transform of Mammographic Image	Ramya .S Rajasulochana .R Indhumathi.S	Ms.R.Lakshmi Rekha
31.	Satellite Image Enhancement using Interpolation Technique	Archana .P Priya .C Shanmuga Sundari .N	Mrs.S.Chitra
32.	A Multiple Inductive Loop Vehicle Detection and Traffic reduction Scheme for Heterogeneous and Lane less Traffic	Bemina .D Ashvini .S.K Muthulakshmi .D Prabha.D	Mrs.S.Jegadheswari
33.	A Self Organizing Approach to Background Subtraction for Visual Surveillance Applications	Priya.N Mahaalakshmi.G Nagarethinam .R	Ms.S.Anbuyazhini
34.	Design and Implementation of Wrapper Algorithm in Fast Discrete Curvelet Transform based Image Fusion Technique	Mahalakshmi .N Saranya .R Vennila. N	Mr.D.Devarajan
35.	Detection and Prevention of Poisonous Gas, Smoke Emitting in AC Cars (Idle Position)	Yazhini .T Mohanraj .S Vijayasri .K Gomathi.S	Mr.A.Sundar raj
36.	Application of Robotics in Disaster Management – Alive Human Detecting Robot	Aarthi.U Komal .S Jananidurga .P Siva .S	Mr.M.Irshad Ashamed
37.	Implementation of Low Power and area efficient Carry Select Adder	Buvana .N Pappathi .M Ponmani .S Priyadharshini . G	Mrs.M.Jeyalakshmi
38.	Design of Dual Band	Iyyappan .B	Ms.RS.Koteeshwari



	Pattern Diversity Antenna with Dual Band RFSR	Jainthan .R Sundaram .M Mohamed Ibrahim .T	
39.	Recovery of EMG Signals from ECG,EMG Mixture signals	Angalammai .D Ashokan .K Rajkumar .M Rajkumar. P	M.Nuthal Srinivasan
40.	Efficient Image Compression Technique based on Seam Carving and SPIHT Coding	Nandhakumar .N Sivaramakrishnan .P Prabhakaran.R Kumaresan .M	Mr.P.Arunachalam
41.	Development of Coal Mine Safety System Using Wireless Sensor Networks	Josephine Angel .S Bilomin Ramya .A Durga .K	Mr.A.Sundar raj
42.	The Embedded system design for fishermen/military/industry personal data assistant using ZIGBEE.	Mohamed Riyazudeen.A Vasanthabalan .V Dinesh .R Aravind .A	Ms.RS.Koteeshwari
43.	Wavelet Based Energy Features for Glaucomatous Image Classification	Balasubramanian .R Nakkeeran .S Thiyagarajan .B K.M. Venkateswara	Mr.G.Jegan
44.	Brain Tumor Classification Using Back Propagation Network	Gowtham .R Prakash .T Vijayprathab .J	Ms.R.Lakshmi Rekha
45.	A CMOS Delay Lock Loop with Dual Control	Lakshmanan. J Vigneshkumar .S Rajkumar .P Manivasakan .V	Mrs.V.Elavarasi
<b>Information Technology</b>			
46.	Extraction of license plate in transverse motion	S Aarthu D Sukanya	Prof.M.Chinnadurai Associate Professor
47.	Secured data storage enhanced with TPA auditing scheme using merkle hash tree in cloud computing	D Jamuna A Gunasundari	Prof.M.Chinnadurai Associate Professor
48.	ITA: Innocuous topology awareness for unstructured P2P networks	K Saranya G Menaka M Nandhini	Ms.P.Suganya Assistant Professor
49.	Efficient content based image retrieval using texture and color features	G.A.Gayathri N Keerthana I Marciline	Mr.V.M.Suresh Assistant Professor
50.	An adaptive steganography	R Anuradha	Mr.S.Manikandan

	method for hiding messages using LSB matching algorithm	J Delphin jenisha R Elakkiya	Assistant Professor
51.	Enhancing security and energy efficiency against vampire attacks in wireless ad-hoc sensor networks	N Madhumitha E Nalarubiga S Panimalar	Mr.K.Manikanda Kumaran Assistant Professor
52.	Efficient data cube generation using horizontal aggregation for data mining analysis	S Then thamizh elakiya S Revathi L Kausalya	Mr.S.Palani Murugan Assistant Professor
53.	Sub-domain access Driven personal data with edge detection based facial recognition system	S Ananthi M Sivaranjani C Kanagalakshmi	Mr.N.Murali Assistant Professor
54.	Improved web structure development using MP and FS model	V Elangovan M Mohamed mohasin M Bharath kumar	Mr.A.Javed Sultan Assistant Professor
55.	Efficient technique to crawl internet web forums	G Sathish T Vignesh, M Hariharapriyan	Mr.S.Palani Murugan Assistant Professor
56.	Resilient mobile ATM transactions	A Balakrishnan N Ranjith kumar S Deepaksanth	Mr.A.Javed Sultan Assistant Professor
57.	IRIS- Biometrics in anDroid mobiles	R Dinesh kumar M Sadam hussain K Uthrapathy	Mr.V.M.Suresh Assistant Professor
58.	Retrieval of content based image using SVM classifier	M Mohamed maraicar G Azagiri K Lallu prasad yadav	Ms.EVijayavani Assistant Professor
59.	Jamming mitigation in cognitive radio networks	P Karthikeyan T Paventhan P Veeramanikandan	Mr.K.Manikanda Kumaran Assistant Professor
60.	To Lie or to comply: Defending against flood attacks in disruption tolerance networks	S Arul sathya C Patham priyal A Umadevi	Ms.S.Lavanya Assistant Professor
61.	Network system for analyzing attacks using event tracker system	J Affrin V Nithya	Ms.S.Lavanya Assistant Professor
62.	Bandwidth aggregation aware dynamic QOS for real time videos in networks	M Sathya S Priyavadhana S Saranya	Mr.N.Murali Assistant Professor
63.	Data coloring and water marking in trusted obscure cloud computing with	S Kavitha R Devi J Divyamuthu	Mr.S.Manikandan Assistant Professor

	sheltered possession		
64.	Segmentation of 3D brain MR using K-means clustering algorithm	V Latha	Mr.B.Saravanakumaran Associate Professor
<b>MBA</b>			
65.	A Study on Employees Welfare Measures in MARG Port	M. Al Ameen	Ms.M.A.Indumathi
66.	A Study on Talent Management	S.Anbukkarasi	Ms.M.A.Indumathi
67.	A Study on employee's absenteeism in SRF Technical Textiles, Viralimalai	R.Anjuga	Dr. V. S. Rajakrishnan
68.	A study on Employee Retention in Baby Engineering Pvt Ltd	K. Arul Shanthi	Ms.P.Sylvia
69.	A study on Employee involvement in Work Place	V.ArunKumar	Dr. A. Abdul Gafoor
70.	A study on Employee Talent Identification and Management cottony fashion	V. Balamurugan	Dr. A. Abdul Gafoor
71.	A Study on Training & Development in IOB at Chennai	A.Chithiralega	Ms.M.A.Indumathi
72.	A study on Employee retention Strategies at Oceanic Edibles International Ltd	S.Deepa	Dr. V. S. Rajakrishnan
73.	A study on Effectiveness of Performance Appraisal System in ONGC Ltd	J.Divya	Ms.B. Asha Daisy
74.	A study on Employee welfare measures in Kiran Global Ltd	M.Divya	Ms.P.Sylvia
75.	A study on Employee Satisfaction at the various stages of Employee Life cycle in Vecons Energy System Pvt Ltd	R.Divya	Ms.P.V.Sornalatha
76.	A study on Industrial Relations at Ferrari Shoes Pvt Ltd	P.Durgadevi	Ms.B. Asha Daisy
77.	A Study on Effectiveness of Recruitment and	S.Esuraja	Dr. A. Abdul Gafoor

	Selection Process		
78.	A study on Work life Balance in RKN Praveen Chem Ltd	S.Hairun Nafeela	Dr. R. Karthi
79.	A Study on Risk and Returns Amrutansan Company Limied, Chennai	I.Ishwarya Shri	Dr. R. Karthi
80.	A study on Employee Grievances settlement with reference Ocean	N.Iswarya	Ms.P.V.Sornalatha
81.	A Study on Stress Management in Olympus Premedia Ltd., Chennai	S.Jayalakshmi	Ms.K.Sarika
82.	A study on Training and Development in LNT Pvt ltd	V.Kathika	Dr. R. Karthi
83.	A study on Quality of work life at Cottony Fashion	M.KarthikRaja	Dr. V. S. Rajakrishnan
84.	A study on Employee safety and welfare measures in RKN Praveen Chem Industry at Vanjore	P.Kavipriya	Ms.B. Asha Daisy
85.	A study on Quality of work life at Oceanic Edibles International Ltd	D.Kishore	Ms.K.Sarika
86.	A study on Effectiveness of training Simpson Co Ltd., Chennai	N.Lakshmikanthan	Ms.M.A.Indumathi
87.	A Study on Employee Satisfaction in Future Value Retails at Chennai	K.Manikandan	Ms.P.Sylvia
88.	A Study on Financial Planning & Forecasting IOB at Chennai	R.Manikandan	Ms.P.V.Sornalatha
89.	A study on Interpersonal Relationship	S.Manikandan	Ms.K.Sarika
90.	A study on Employee Retention in Baby Engineering Pvt Ltd	R.Mathavan	Ms.B. Asha Daisy
91.	A study on Employee Motivation with reference to Ideal Industrial Incorporation	P.Muthukumar	Dr. R. Karthi
92.	A Study on Financial Planning & Forecasting in IDPL at Chennai	M.Muthukumaran	Ms.B. Asha Daisy

93.	A study on Workplace environment at Ferrari Shoes (India) Pvt Ltd	R.Nandhini	Dr. R. Karthi
94.	A study on Effectiveness of training on employees in Sakthi Sugar Pvt Ltd	R.Niranjana	Dr. A. Abdul Gafoor
95.	A Comparative study on Non-performing assets and credit management in Lakshmi Vilas Bank Ltd – Tiruvarur	J.Nithya	Ms.P.Sylvia
96.	A study on Effectiveness of Grievance handling Mechanism in BEPL	R.Poornima	Dr. V. S. Rajakrishnan
97.	A study on Performance appraisal of employee	P.Pooventhan	Ms.B. Asha Daisy
98.	A study on Compensation Management	K.Prabakaran	Ms.P.V.Sornalatha
99.	A study on Employee Engagement in CPCL	V.Priyanka	Dr. A. Abdul Gafoor
100.	A study on Overall Financial Performanc	S.Punitha	Ms.P.V.Sornalatha
101.	A study on H.R.D towards HP values and Fittings India Ltd	R.Radhika	Ms.K.Sarika
102.	A study on Employee Learning and Development	G.Raja	Ms.P.Sylvia
103.	A study on Financial Performance Analysis of S.B.I at Nagapattinam	V.Rajalakshmi	Ms.B. Asha Daisy
104.	A study on Effectiveness of Performance Appraisal Kiran Global Ltd	P.Rajasekar	Ms.M.A.Indumathi
105.	A study on Work life Balance in RKN Praveen Chem Ltd	G.Rajkumar	Ms.P.Sylvia
106.	A study on employee health and safety Measures in Indo Shell Cast Pvt Ltd.Coimbatore	T.Ramya	Ms.K.Sarika
107.	A study on Knowledge Management towards Vecons Energy System Pvt Ltd at Trichy	V.Renugadevi	Dr. V. S. Rajakrishnan
108.	A study on employee training effectiveness at I	N.Sangari	Ms.P.V.Sornalatha

	Tech Peoples		
109.	A study on grievance handling mechanism in CPCL at Panangudi	V.Sasi Kala Devi	Dr. A. Abdul Gafoor
110.	A Study on Employee Satisfaction in Future Value Retails at Chennai	K.SathishKumar	Ms.P.Sylvia
111.	A study on Career management in GEM	K.Senthila	Ms.K.Sarika
112.	A study on employee engagement in Indo Company Ltd Coimbatore	G.Shalini Immaculate	Ms.P.V.Sornalatha
113.	A study on Employee stress at place with Thanjavur Spinning Mill Ltd Thanjavur	G.Sindhamani	Ms.M.A.Indumathi
114.	A study on Labour Welfare measures in Pure & Pure aqua food at Trichy	T.Sivabalan	Ms.M.A.Indumathi
115.	A study on Performance Appraisal at Best Cast IT Ltd	C.Sudha	Ms.P.Sylvia
116.	A study on Employee retention towards Vecons Energy System Pvt Ltd at Trichy	D.Suganya	Dr. R. Karthi
117.	A study on Stress Management with reference to employees Mark port at Karaikal	A.Suresh	Dr. A. Abdul Gafoor
118.	A study on Efficiency of Branch Internal Auditing in ING Vysya Bank Chennai	N.Suriya	Ms.K.Sarika
119.	A study on Labour Welfare Measure at Arignar Anna Sugar Factory at Thanjavur	N.Tamilarasan	Dr. V. S. Rajakrishnan
120.	A study on Employee retention at Best Cast IT Ltd	E.Umapathy	Ms.M.A.Indumathi
121.	A study on Labour Welfare measures in Mark port at Karaikal	N.Vaishnavi	Ms.K.Sarika
122.	A study on Employee stress HP values and Fittings India Ltd	K.Vinci	Ms.P.V.Sornalatha

MCA			
123.	Preserving anonymization for time-series Data	N.Abinaya	Mrs.A.Hema
124.	A Log Based Approach To Make Digital Forensics Easier On Cloud Computing	Abinasan.K	Mrs.J.Vanitha
125.	Automated Detection of Cyber Security Attack	R.Agiladevi	Mrs.C.Mallika
126.	A Secure Intrusion-Detection System for MANETs	A.Amalini Mary	Mr.M.Nataraj
127.	3D Volume Reconstruction of Skin Lesions for Melanin And Blood Volume Estimation and Lesion Severity Analysis	A.Ananthi	Mrs.J.Vanitha
128.	Safe Driving using mobile phones	R.Bakkiyalakshmi	Mrs.J.Vanitha
129.	E-SEWA(electronic service)	S.Banu Priya	Mrs.C.Mallika
130.	Visual Cryptograms of random grids for general access structures	G.Bavya	MrS.Selvaganapathy
131.	Anti Biotic Suggestion Tool For Patient's In Health Care System	S.Bhuvaneshwari	Mr.M.Nataraj
132.	Dynamic Resource Allocation Using Virtual Machines for Cloud Computing Environment	N.Boomidevi	Mr.S.Selvaganapathy
133.	White Labelling System Using TinyMCE Editor	K. Deepan Chakkaravarthy	Mr.S.Selvaganapathy
134.	Files Or Data Sharing With Entire Network Via Windows Service	K.Dhinesh	Mr.M.Nataraj
135.	Aggregate key for Accessing Cloud Based secure Digital photos	G.Dhivya	Mrs.A.Hema
136.	Web Traffic Analyzer	P.Elavarasi	Mrs.A.Hema
137.	Functional control of user by biometric behaviors features in cloud computing	N.Faizal Arafath	Mr.S.Selvaganapathy

138.	Three –tier security scheme in wireless sensor network with mobile sinks	K. Ganesh	Mrs.C.Mallika
139.	Iris Identification	R.Helengelitha Rani	Mr.M.Nataraj
140.	Mixed-Domain Edge Aware Image Manipulation	R.Hemabala	Mr.M.Nataraj
141.	Multiparty Access control for online social Network	N.Ilakiya	Mrs.A.Hema
142.	Security Analysis of a Single sign-on Mechanism for Distributed Computer Networks	A.Iswariya	Mrs.J.Vanitha
143.	M-Privacy For Collaborative Data Publishing	K. Kalaiyarasan	Mr.M.Nataraj
144.	Heterogeneity in mobile cloud computing Taxonomy and open challenges	P.Kamalambigai	Mr.S.Selvaganapathy
145.	Bug Tracking system	V.Karthika	Mrs.C.Mallika
146.	Translating Lexicons from speech using a pronunciation Mixture model	N.Mahalakshmi	Mrs.A.Hema
147.	Preventing Cloud data from resigned users in IT sectors	M.S.Maheswari	Mrs.C.Mallika
148.	Courier Tracking System	T.Mohamed Ameer Ilyas	Mrs.A.Hema
149.	A study of product weight and collection rate in closed loop supply chains with recycling	M.Mohamed Hasif	Mrs.J.Vanitha
150.	Cyber café	R.Nalini	Mrs.C.Mallika
151.	Cluster based certificate revocation with vindication capability for mobile Ad hoc Networks	M.Narmatha	Mr.S.Selvaganapathy
152.	Warning Bird: A near real time detection system for suspicious URLs in twitter stream	S.Parakathnisha	Mrs.A.Hema
153.	K-Anonymity for crowd sourcing database	E.Periyanayagi	Mr.M.Nataraj
154.	DT-MAC: An Efficient and	V. Prabakaran	Mr.M.Nataraj



	Scalable Medium Access Control Protocol for Wireless Networks		
155.	Active Learning Methods For Interactive Image Retrieval	R.Pradeesh	Mrs.J.Vanitha
156.	Data Confidentiality And Availability Via Sharing And Node Mobility In UWSN.	V. Pragalath	Mr.M.Nataraj
157.	Preserving Anonymization For Time-Series Data	S.Rajeswari	Mrs.C.Mallika
158.	Distributed Detection In Mobile Access Wireless	R. Ramki	Mrs.A.Hema
159.	Trust Aware Routing Frame Work(TARFP)	K.RAMYA	Mrs.A.Hema
160.	Customer Relationship Management Based On Live Meeting	T.Renuga Devi	Mrs.C.Mallika
161.	Public Auditing For Secure Cloud Storage	B.Saminathan	Mrs.J.Vanitha
162.	QOS Ranking Prediction For Cloud Services	N.Saranya	Mr.M.Nataraj
163.	Ames-Cloud:A Framework Of Adaptive Mobile Video Streaming And Efficient Social Video Sharing In The Clouds	C.Sasi Reka	Mrs.C.Mallika
164.	Focus: Learning To Crawl Web Forms	J. Sathesh Kumar	Mr.S.Selvaganapathy
165.	Files Or Data Sharing With Entire Network Via Windows Service	K. Sathish Kumar	Mr.S.Selvaganapathy
166.	Energy Efficient Coordinated Scheduling Mechanism For Cellular Communication	P.Selvamani	Mr.S.Selvaganapathy
167.	A System To Filter Unwanted Messages From Osn User Walls	A. Shahul Hameed	Mrs.A.Hema
168.	Optimal Route Queries With Arbitrary Order Constraints	B.Sinduja	Mr.S.Selvaganapathy
169.	Security Evaluation Of Pattern Classifier Under	R. Suganya	Mrs.J.Vanitha

	Attack		
170.	On Privacy Encrypted Speech Communication	M. Suresh	Mrs.J.Vanitha
171.	Information Leakage Detection And Prevention	S. Syed Mubaraq	Mrs.C.Mallika
172.	Privacy Preserving Multi-Keyword Ranked Search Over Encrypted Cloud Data	V.Tamilselvi	Mrs.A.Hema
173.	Preserving Anonymization For Time-Series Data	K.Venkatesh	Mrs.J.Vanitha
174.	Web Content Management System	G.Vimalraj	Mrs.C.Mallika
175.	Air Fright Pursuf	R.Vinothbabu	Mrs.A.Hema
176.	Secure And Dynamic Group Authurization On Document Repository In Cloud Environment	M.Vinupriya	Mrs.C.Mallika
<b>Mechanical Engineering</b>			
177.	Performance analysis of PCM based solar still	Ashok .V Chozhapoopathi Raja .S Karthikeyan.R Manikandan .J	Mr.R.Rengarajan
178.	FEA and experimental analysis on hybrid joint of GFRP composite	Krishna Kumar .K Prabhakaran .S Prabu .N	Mr.R.Rengarajan
179.	Air conditioning system using waste heat in car	Arun.A Ganesh .M Gunasekaran .S Hariharan .N	Mr. K. Ramadoss
180.	Experiment investication to increase mechanical characterifcation of aluminium with silicon carbide composite	Naveenchakaravarthi .A Rajesh.T Rajesh kumar.K Raju.G	Mr. R. Sundar
181.	Design and analysis of radar antenna elevation using ball screw mechanism	Arun.E Brunowirudhayaraj.F Elamvazhuthi.M Iyyappan.S	Mr. B. Manikandan
182.	Design and crash analysis of S-RAIL assembly in automobiles	Arulandu.V Arunprasah.R Gananathan.B Manivannan .U	Mr. B. Manikandan
183.	Numerical simulation of flow over the cylinder by using CFD	Manikandan .C Prasath.L Ramkumar .P Ramnivas.K	Mr. B. Manikandan

184.	Design and development of improved disc brake	Arumugam .M Manikandan.C Mohamed Yusufsha.M Ramajayam.S	Mr.G.Sundaravaivel
185.	Stress analysis and fabrication of two wheeler composite connecting rod	Dhinesh .G Rajesh.S	Mr.G.Sundaravaivel
186.	Numerical simulation of flow through cyclone separator	Balamurugan.J Harirajan.B Jamul Nizahar .N Manikandan .G	Mr.J.Raja
187.	Optimization and analysis of machining parameters in turning operation on AISI 4340 steel using taguchi method	Dineshkumar.G Edward amalraj.W Manikandan.J Muruganatham.P	Mr.C.Manikandan
188.	Fabrication and evaluation of flapping wings using scotch yoke mechanism	Aravindhan .R Arulkumar.R Buruhanudeen .B Prakash.V	Mr.A.Senthilkumar
189.	Study and analysis of end milling of surface roughness high strength and low alloy steel	Sathish .S Syed Bava Baknotudeen Syed Jahir Hussain Muthunathan.V	Mr.N.Ramanujam
190.	Study and influence of process parameters on wire cut EDM process	Shanmugam .K Silambarasan.J Sri Vijayaguru Sudharsan .S	Mr.N.Ramanujam
191.	Performance and analysis of solar gel pond	Ganesh Kumar.V Kandhasamy.B Prasath.A Ruban.R	Mr. R. Rengarajan
192.	Study and analysis of magnesium alloy surface roughness during turning with Nano additives and MQL	Vadivazhagan.B Veerasekaran Venkata Narayanan .B Vignesh Babu .R	Mr.V.Sivaramakrishnan
193.	Experimental investigation of machining parameters for EDM using electrode of AISI P20 tool steel	Santhanandham.J Sakthimurugan .V Suriyaraj .P Abilash.B	Mr. B. Manikandan
194.	Comparative performance evaluation of PVD coated and CVD coated inserts in CNC turning of high carbon steels	JayaKumar.S Kalaivanan.M Suresh.T Vijay.M	Mr. K. Ramadoss

195.	Performance and Emission characteristics of single cylinder diesel engine using Biodisel	Dimil Alexander.A Siva.K Udhaya Kumar.M Vinesh	Mrs. J. Jeevamalar
196.	Design and fabrication of multi fuel tank for two wheeler	Sathish.D Selvaganesh.R Shahul Hameed .H Vimalprabu.V	Mr.R.Sundar
197.	Design and stress analysis of gear while transmission	Shabareesh .N.T Susindher .S Mohamad Alpha kadar Maraicar Saravanan.S	Mr.B.Manathunainathan
198.	Numerical simulation of flow inside the square cavity by during CFD	Nawsathi Ali.H Santhosh Kumar.S Vignesh Kumar.D Yasararafath.S	Mr.C.Manikandan
199.	Optimization of CNC turning operations using grey relational analysis in EN 31 alloy steel	Jagatheeswaran.B Praveen Kumar.G Sivasankaran.R Swaminathan @ Sasikumar.S	Mr. K.Senthilnathan

### **2.3.9 How the feedback on the evaluation of teachers is leveraged for improvement of the quality of teaching-learning process?**

- The evaluation of teachers is done in three stages, viz, Peer review, review by HOD and students feedback collected by the Principal.
- The feedbacks are analysed and the results are made known to the teachers.
- The teachers, whose performances are to be improved, are motivated.
- The nonperforming teachers are given time for improvement, failing which, they are replaced.
- The teachers who are instrumental in getting 100% pass and more than 90% results in the university examination are suitably awarded.
- Based on the Result analysis the quality of the teaching in the selected subjects is further improved by Guest Lectures and Special Classes.
- The proforma used for the feedback analysis is furnished in the annexure.

## **2.4. Teacher Quality**

### **2.4.1 Faculty Details**

The faculty position is maintained as per the requirements of the AICTE/Anna University which is closely monitored by the Governing Bodies.

- The students faculty ratio is maintained as 15:1 as per the requirements of the AICTE/Anna University.
- The women faculty members contribute 45.6%
- Particulars of the faculty members are furnished below

Advisor – Dr.R.Karunanithi, M.E, Ph.D

Principal – Dr.S.Ramabalan, M.E, Ph.D

Dean (S&H) – Dr.B.Ravindran, M.Phil, Ph.D

Director (R&D) – Dr.M.K.Mizhra, M.Phil, Ph.D

Director (T&P) – Mr.Sivabalu, MBA

Director (MBA) – Dr.R.Karthi, MBA, Ph.D

Director (MCA) – Dr.M.K.Mishra, Ph.D

Department	Professor		Assoc.Prof		Asst.Prof		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
<b>UG Programme:</b>								
Mech	01	-	03	-	14	01	17	01
Civil	-	-	-	01	07	06	07	07
ECE	-	-	01	01	04	06	05	07
EEE	-	-	02	-	05	06	07	06
CSE	01	-	01	-	10	10	14	11
IT	-	-	02	-	06	04	07	04
Science & Humanities	01	-	-	02	08	23	09	25
General Engg.	-	-	-	-	04	03	04	03
Library/P.E	-	-	-	-	02	03	02	03
<b>PG Programme:</b>								
MBA	02	-	01	-	01	09	04	09
MCA	01	-	-	01	04	07	05	08
M.E - CSE	-	-	-	-	02	01		-
M.E – Manuf	01	-	01	-	01	-	03	-
M.E – PED	-	-	-	-	03	-	03	-
M.E - CS	-	-	-	-	03	-	03	-
	07	-	11	05	78	78	90	84

The following faculty members are pursuing their Ph.D Programmes.

S.No	Name of the Faculty	Designation	Dept	University
1	Mr.B.Saravanakumaran	Associate Professor	IT	Anna University
2	Mr.M.Chinnadurai	Associate Professor	IT	Anna University
3	Mr.S.Ramadoss	Assistant Professor	Mech	Pondichery University

4	Mr.Giftson	Associate Professor	EEE	Pondichery University
5	Mr.S.Krishnamohan	Associate Professor	Mech	Annamalai University
6	Mr.N.Ramanujam	Associate Professor	Mech	Annamalai University
7	Mr.V.Sivaramakrishnan	Associate Professor	Mech	Annamalai University
8	Mr.V.Mohan	Associate Professor	EEE	Pondichery University
9	Mr.R.Lakshmi Rekha	Associate Professor	ECE	Sathyabama University
10	Mr.B.Ravindran	Associate Professor	S&H	Bharathidhasan University
11	Mr.Anandaraj	Associate Professor	EEE	Manonmaniam Sundaranar University
12	Mr.R.Rengarajan	Assistant Professor	Mech	Anna University
13	Ms.J.Hemavathy	Assistant Proessor	S&H	Annamalai University
14	MS.J.Jeevamalar	Assistant Professor	Mech	Anna University
15	Mr.N.Murali	Assistant Professor	IT	Anna University
16	Mr.A.Javed Sultan	Assistant Professor	IT	Sathyabama University
17	Mr.Sudhir Shenai	Assistant Professor	CSE	Sathyabama University
18	Ms.E.Elakiya	Assistant Professor	CSE	Anna University
19	Mr.T.Ganesn	Associate Professor	CSE	Manonmaniam Sundaranar University
20	Mr.P.Gurumoorthi	Associate Professor	Mech	Pondichery University
21	Mrs.J.Vanitha	Associate Professor	MCA	Bharathiyar University
22	Mr.P. Mohamed Ali	Assistant Professor	S&H	Bharathiar University
23	Ms.P. Jamuna Devi	Assistant Professor	S&H	Bharathidasan University
24	Mr.P. Jayasingh Manohar	Assistant Professor	S&H	Bharathidasan University
25	Ms.T. Kavitha	Assistant Professor	S&H	Bharathidasan University
26	Ms.R. Deepa	Assistant Professor	S&H	Bharathidasan University

27	Ms.T. Clarina	Assistant Professor	S&H	Manonmaniam Sundarnar University
28	Ms.S. Punitha	Assistant Professor	S&H	Bharathidasan University
29	Mr.C. Gopi	Assistant Professor	S&H	MS University
30	Ms.R.Maheshwari	Assistant Professor	S&H	Bharathidasan University

#### 2.4.2. Teacher Recharge Programmes

The teachers are actively taking part in National/International conferences, seminars, workshops, FDP's etc to update their knowledge and skills. The particulars are furnished below.

Particulars of faculty participation in conferences, workshops etc are furnished below:

S.No	Name of the Faculty	Title of conferences, workshops	Venue	Month & Year
CSE				
01	A.Ramesh kumar AP/CSE	Tele monitoring of heart rate variability using data mining	ICRDPET-2013 E.G.S.P.E.C, Nagapattinam	March-2013
02	P.Swathi lecturer/CSE	Ontological bootstrapping for web services using TF/IDF		
03	S.Mahalakshmi AP/CSE	A novel safe and scalable key shering approach for multicast system		
04	T.Sowkarthika AP/CSE	Achieving High Quality Of Security In Heterogeneous Distributed Systems Using Security –Driven Scheduling Algorithm		
05	E.Elakiya P.Suganya R.G.Gokila E.Vijayavani AP/CSE	Ranked mashup candidate prediction using syntactic technique		
06	S.Praveen kumar AP/CSE	Maximum measurement for monitoring placement and dynamic routing in networks		
07	E.Elakiya P.Suganya R.G.Gokila E.Vijayavani AP/CSE	Music based emotion recognition using AANN	ICRDPET-2013 E.G.S.PEC, Nagapattinam	

08	E.Elakiya P.Suganya R.G.Gokila E.Vijayavani AP/CSE	Focused crawler in swse using HMM and anchor text similarity		March-2013
09	R.Manivannan	Distributed cut and jamming detection in wireless sensor networks		
10	R.Manivannan	Dynamic cluster based cache consistency attacks using NDD technology in mobile networks	International journal of enhanced research in science technology & engg	February-2014
11	R.Manivannan S.Mahalakshmi	FDP on Big Data Analytics with Data Mining	AVC college of Engineering, Mayiladuthurai	05.08.2014 to 09.08.2014
12	T.Ganesan J.Noorul Ameen	FDP on Big Data Analytics with Data Mining	AVC college of Engineering, Mayiladuthurai	05.08.2014 to 09.08.2014
13	Sudhir Shenai, S.Aravindhan M.Rajakumaran, S.Praveenkumar D.Murali Chadraserkar,	FDP on cloud infrastructure and services	KGISL, Coimbatore	17.11.2014 to 21.11.2014
13	S.Mahalakshmi T.Ganesan E.Elakiya AP/CSE	FDP on Grid Computing	EGS Pillay Engineering College, Nagapattinam	16.06.2014 to 22.06.2014
14	P.Vennila AP/CSE S.Praveenkumar	WORKSHOP on Android Applications Development For Beginners	Kongu Engineering college, Perundurai	08.08.2014 & 09.08.2014
15	D.Atchaya Biria	WORKSHOP on Design patterns in Java	VIT University, Chennai	11.10.2014
16	D.Atchaya Biria	WORKSHOP on Creation, Analysis, Forensics of malwares	SRM university, Chennai	11.09.2014 & 12.09.2014
17	D.Atchaya Biria	WORKSHOP on Big Data Analysis in Cloud Environment	Agni College of Technology	03.09.2014 & 04.09.2014
18	R.G.Gokila, E.Elakiya	WORKSHOP on data mining using r	Sri Ramakrishna engineering college, coimbatore	13.09.2014
19	P.Vennila	WORKSHOP on data mining using weka tool	Rover engineering college	13.08.2014



<b>ECE</b>				
20	S.Chitra	VLSI Design using MICROWIND	PSG TECHNOLOGY COIMBATORE	April 2014
21		FDP on VLSI Design using Verilog and BLUESPEC	SASTRA UNIVERSITY-THANJAVUR	April 2014
22		Emerging Trend in VLSI design using TANNER	AVC Engg. College	April 2014
24	D.Devarajan	2 Days workshop on Low power controller Design using MSP430 Microcontroller	National Institute of Technology, Tiruchirapalli	June 2014
25	M.Nuthal Srinivasan	2 Days workshop on Low power controller Design using MSP430 Microcontroller	National Institute of Technology, Tiruchirapalli	June 2014
26	C.Mathuvanesan	2 Days workshop on Low power controller Design using MSP430 Microcontroller	National Institute of Technology, Tiruchirapalli	June 2014
27		FDP on VLSI Design using Verilog and BLUESPEC	SASTRA UNIVERSITY-THANJAVUR	April 2014
28	S.Durgadevi	FDP On Comm S/M Design	THYAGARAJA COLLEGE,MADURAI	JUNE 2014
29		Research methodologies and effective publication of research papers in journals and conferences-seminar	SRI VIDYA COLLEGE OF ENGG AND TECHNOLOGY, VIRUDHUNAGAR	MARCH 2014
30	T.Senthilkumar	Research methodologies and effective publication of research papers in journals and conferences-seminar	SRI VIDYA COLLEGE OF ENGG AND TECHNOLOGY, VIRUDHUNAGAR	MARCH 2014
32	S.Senthilkumar	7 Days FDTP on CS 6304- Analog and Digital Communication	Adhiyaman Engineering College, Hosur	June (12-18), 2014.
33	S.Chitra	Optimized power management on sensor node for body motion nananalysis.	IEEE-ICRDPET EGSPEC	March-2013
34	R.Lakshmi Rekha	Low power and test data compression using lfsr reseeding technique.		
35	R.Lakshmi Rekha	Wavelet, curvelet and fuzzy based model for suggesive diagnosis of breast cancer.		
36	P.Arunachalam/AP/ECE	Neural network based automatic classification of malignancy cells in soft tissues from microscopic images.		
37	A.Sundar Raj	Investigation of inas quantum dots grown on gaas substrate by molecular beam epitaxy		

		for optoelectronics applications.		
38	M.Irshad Ahamed	Investigation of inas quantum dots grown on gaas substrate by molecular beam epitaxy for optoelectronics applications		
39	R.S.Koteeshwari AP/ECE	Wireless human-system interface system using zigbee protocol.		
40	V.Elavarasi AP/ECE	Wireless sensor network based physiological parameter monitoring system.	IEEE-ICRDPET EGSPEC	
41	M.Jayalakshmi AP/ECE	Dynamic reconfigurable low complexity fir filter.		
42	S.Anbuyazhini AP/ECE	A self organizing approach to background subtraction for visual surveillance applications		March-2013
43	D.Devarajan AP/ECE	Zigbee -4g communications in military environment.	National conference on Communication and Signal ProcessinArasu Engineering college.	April-2011
44	A.Sundarraaj AP/ECE	Coverage analysis of wsn using various sensing nodes.		
45	A.Sundarraaj AP/ECE	Wimax using mesh technology.		
46	R.S.Koteeshwari AP/ECE	Neural network based throghput maximization techniques for cognitive radio wireless networks.	ICES 2010, coimbatore institute of technology.	July-2010
<b>MCA</b>				
47	Mrs. J.Vanitha Mrs. C. Mallika	Brain controlled car for disabled using artificial intelligence	CIIT International journal of Artificial Intelligent Systems and Machine learning	August 2011
48	Mrs. A. Hema	Iris Recognition	CIIT International journal of Biometrics and Bioinformatics	August 2011
49	Mr. P. Arunkumar	Web Services Composition towards an Agent Based and Context Oriented Approach	CIIT International journal of Networking and Communication engineering	July 2011
50	Mr. P. Arunkumar	State-of-the-art invisible watermarking technology within media files	CIIT International journal of Digital image processing	August 2011
51	Mrs. J. Vanitha Mr. P. Arunkumar Mrs. C. Mallika	SAAS flavoured cloud computing implementation in Indian universities an	IEEE xplore	June 2012

	Mrs. A. Hema Ms. K. Durga Mrs. S. Visalatchy	Imagineering thought Comparison of scalar images based on compression technique		
52	Ms. K. Durga Mrs. A. Hema	Micro calcification detection using wavelet transform	International Conference on Advances in Engineering and Technology	May 2011
53	Mrs. J. Vanitha Mrs. C. Mallika Mrs. A. Hema Ms. K. Durga Mrs. S. Visalatchy	The study of Pros and Cons of the Cloud Computing	CIIT International journal of Networking and Computing Engineering	July 2012
54	Mr. P. Arunkumar	Voting through mobile using biometric template with integration of spatial cloud computing and Data hiding security	CIIT International journal of Biometrics and Bio Informatics	July 2012
55	Mrs. C. Mallika Mrs. A. Hema Ms. K. Durga Mrs. S. Visalatchy	Comparison of scalar images based on compression technique	IEEE Explore	June 2012
56	Mrs.J.Vanitha,APM rs.C.Mallika,AP Mrs.A.Hema,AP	2 days workshop on “PHP and My SQL”	BCET,Thiruvettaikudy, Karaikal – 609 609	14.02.2014 to 15.02.2014
57	Mrs.J.Vanitha,AP Mrs.C.Mallika, Mrs.S.Visalatchy, Mr.M.Nataraj,AP Ms.K.UdhayaLaksh mi,AP	2 days workshop on “.NET Framework & Web App Development”	Open Source Software Solutions, Lawspet, Pondicherry – 08	29.03.2014 to 30.03.2014
58	Mrs.C.Mallika,AP Mrs.S.Visalatchy	2 days workshop on “Recent Trends in Cloud Computing”	Purple Soft, Coimbatore	01.12.2014 & 02.12.2014
59	Mrs.C.Mallika,AP Mrs.S.Visalatchy	2 days workshop on “Advanced Java Technologies”	Pondicherry University, Karaikal Campus	12.12.2014 & 13.12.2014
60	Ms.K.UdhayaLaksh mi,AP Ms.K.Lakshmi Priya, AP	7days workshop on “Recent Trends in Wireless sensor network”	A.V.C.College of Engineering ,Manampandal – 609305,Mayiladthurai	17.12.2014 & 23.12.2014
61	Mrs.J.Vanitha,AP Mrs.C.Mallika,AP Mrs.S.Visalatchy Mr.S.Selvagana Ms.K.UdhayaLaksh mi Ms.K.LakshmiPriya	1 day workshop on “Android Applications”	SA Engineering College,Chennai	27.09.2014

62	Mrs. C. Mallika AP/MCA Mrs. A. Hema AP/MCA Mrs. S. Visalatchy AP/MCA Mr. P. Arunkumar AP/MCA	Recent trends in Software engineering	Bharathiyar college of engineering and technology, Karaikal	February-2013
63	Mr. P. Arunkumar AP/MCA	Open Source Software	Bharathiyar college of engineering and technology, Karaikal	March-2013
64	Mr. P. Arunkumar Mr.S.Selvaganapathy	AnDriod Application Development and Job opportunities	Bharathiyar college of engineering and technology, Karaikal	March-2013
<b>IT</b>				
65	S. Manikandan	Identifying semantic relations between disease and treatment using Machine learning Approach	International Journal on Research and Technology(IJERT)	June-2013
66		An Efficient Streaming-Application on Distributed Hybrid Cloud Platforms	International Journal of Advanced Information Science and Technology (IJAIST)	July-2014
67		Virtual Network Connection Using Mobile Phones	COMPUSOFT, An International Journal of Advanced Computer Technology	June-2014
68		Information Technology Architectures for Grid Computing and Applications	International Journal of Advanced Research Computer Engineering and Technology	June-2014
69		Performance Analysis of Mobile Ad-Hoc Network Routing Protocols using Network Simulator – 2	COMPUSOFT, An International Journal of Advanced Computer Technology	June-2014
70	K. Manikanda Kumaran	Performance Analysis of Mobile Ad-Hoc Network Routing Protocols using Network Simulator – 2	COMPUSOFT, An International Journal of Advanced Computer Technology	June-2014
71		Identifying semantic relations between disease and treatment using Machine learning Approach	International Journal on Research and Technology(IJERT)	June-2013

72	S.Lavanya P.Suganya E.Elakiya E.Vijayavani	Improving Security of Password and Classification of Threats emails	IJARCMS	July-2014
73	E.Vijayavani S.Lavanya P.Suganya E.Elakiya	Emotion Recognition based on MFCC Features using SVM	IJARCMS	July-2014
74	S.Palanimurugan A.JavedSultan N.Murali V.M.Suresh	Fuzzy Driven data writing techniques for effective prediction	IJARCS	July-2014
75	S.Palanimurugan A.JavedSultan N.Murali V.M.Suresh	An Efficient and Scalable CAPTCHA implementation with no segmentation overhead	IJARCS	July-2014
76	S. Manikandan K. Manikanda Kumaran S.Palanimurugan	Detecting and Preventing Distributed Denial of Service (DDOS) Attacks using BOTNET Monitoring System	International Journal of Engineering and Computer Science	December-2014
77	B.Saravanakumaran	Seminar on Research methodologies	Anna university, Chennai.	DEC-2014
78		FTP on Java Programming	St. peter's engineering college, Avadi	DEC-2014
79	M.Chinnadurai	FTP on Java Programming	St. peter's engineering college, Avadi	DEC-2014
81		Seminar on Research methodologies	Anna university, Chennai.	DEC-2014
82		EMC Academic summit	EMC Summit	Feb-2015
83	K.Manikandakumar an	Programming on 'C' through Engineering-Box	Amphisoft technologies, Coimbatore.	Dec-2014
84	E.Vijayavani	Programming on 'C' through Engineering-Box	Amphisoft technologies, Coimbatore.	Dec-2014
85	S.Manikandan	PHP MY SQL FTP	Xavier catholic Engineering college, Pollachi	Nov-2014
86		Orientation program on Big Data	ICTACT Summit	Dec-2014
87		EMC Academic summit	EMC Summit	Feb-2015
88	S.Palanimurugan	PHP MY SQL FTP	Xavier catholic Engineering college, Pollachi	Nov-2014

89	P. Suganya	Orientation program on Big Data	ICTACT Summit	Dec-2014
90		EMC Academic summit	EMC Summit	Feb-2015
91		FTP on Entrepreneur Development programme	Anna university, Trichy	Dec-2014
92		FTP on Advanced java Programming	A.V.C. engineering college, Mayiladudurai	Dec-2014
93		FTP on Data mining tools	Sri Krishna Engineering college, Coimbatore.	Nov-2014
94		FTP on Cloud infrastructure and services	Sri Ramakrishna Engineering college, Coimbatore.	May-2014
95	S.Palanimurugan	Entrepreneur Development programme	Tamil Nadu Entrepreneur Development cell, Chennai	Dec-2014
96	K.Manikandakumar an	Entrepreneur Development programme	Tamil Nadu Entrepreneur Development cell, Chennai	Dec-2014
97	N.Murali	Seminar on Research methodologies	Anna university, Chennai.	DEC-2014
98		FTP on Research methodologies	PKIET, Karaikal	FEB-2015
MECH				
99	G.Gurumoorthi	Workshop High Temperature Properties of Materials	Annamalai University, Chidambaram	01.02.2014
100	K.Ramadoss,	International Conference on “Materials & Characterization Techniques”	VIT,Vellore	10.03.14
101		IMCE -2014	NIT,Trichy	13.06.14 – 15.06.14
102	J.Jeevamalar,	National Conference on “Latest Inventions in Mechanical Engineering”	Kalavani College of Technology,Coimbatore	28.02.14
103	G.Hari Narayanan,	National Conference on “Advancement in Mechanical ,Environmental, Safety & Health Engineering”	Knowledge Institute of Technology, Salem	03.05.14
104	K.Senthil Nathan,	National Conference on “Advancement in Mechanical	Knowledge Institute of Technology, Salem	03.05.14

		,Environmental, Safety & Health Engineering”		
105	G.Sundaravadivel, Ap/Mech	National Conference on “Advancement in Mechanical ,Environmental, Safety & Health Engineering”	Knowledge Institute of Technology, Salem	03.05.14
106	N.Ramanujam,	FDP on ME 2028- Robotics	K Ramakrishna Engineering College, Samayapuram, Trichy	17.06.2014 - 23.06.2014
107	V.SivaramaKrishna	FDP on ME 2028- Robotics	K Ramakrishna Engineering College, Samayapuram, Trichy	17.06.2014 - 23.06.2014
108	J.Jeevamalar	FDP on ME2301 –Thermal Engineering	Anna University,Chennai	23.06.2014 - 29.06.2014
109	D.Balaji	FDP on ME2301 –Thermal Engineering	Anna University,Chennai	23.06.2014 - 29.06.2014
110	V.SivaramaKrishn	Workshop High Temperature Properties of Materials	Annamalai University, Chidambaram	01.02.2014
111	N.Ramanujam,	Workshop High Temperature Properties of Materials	Annamalai University, Chidambaram	01.02.2014
112	K.Senthil Nathan,	Short term course on Micro Manufacturing	NIT,Trichy	14.03.2014 - 15.03.2014
113	G.Hari Narayanan,	Short term course on Micro Manufacturing	NIT,Trichy	14.03.2014 - 15.03.2014
114	C.Vasanth Kumar,	Workshop On Super Conducting Materials & their Fabrication	NIT,Trichy	17.03.2014
115	C.Vasanth Kumar,	Workshop On Agile Manufacturing	NIT,Trichy	28.03.2014 - 29.03.2014
116	K.Senthil Nathan,	FDP on “Finite element Analysis”	Perumal Manimagalai Engineering College, Hosur.	22.12.2014 To 30.12.2014
<b>MBA</b>				
117	Dr.R.Karthi	Workshop	PKIET,Karaikal	31.01.15
118	B.Asha Daisy			
119	V.Carolin			
120	M.Ganga			
121	M.Ganga	Seminar	PMU, Thanjavur	08.01.15

122	R.Suriya	Seminar	PKIET,Karaikal	31.01.15
123	P.Vinotha	Seminar	PMU, Thanjavur	08.01.15
124	G.Karthiga	Workshop	Anna University, chennai	10.12.14
125	S.Valarmathi	Workshop	PKIET,Karaikal	31.01.15
126	P.Balaiswariya	Seminar	PMU, Thanjavur	08.01.15
127	P.Balaiswariya	Workshop	Anna University, Chennai	10.12.14

- Faculty seminar is organized every month for refreshing the knowledge, skills and attitudes.
- Special programs are organized with the help of renowned resource persons to update the knowledge and skills.

#### **2.4.3. Whether the Institution organizes induction and in service academic development programs for its faculty?**

The particulars of faculty development programmes, staff training programmes, seminars and workshops organized by the institution over the last three years are furnished below.

<b>S.No</b>	<b>Name of the Programme</b>	<b>Date</b>	<b>Funding agency collaboration etc</b>
1	National conference	27.03.12	EEE Dept.- College
2	IEEE International Conference on Advances on Engg, Science and Technology	28.03.12	IEEE and College
3	IEEE International Conference on Advances in Engineering and Technology	07.04.12	IEEE and College
4	FDP on advances R&D of Autonomous Robots	07.05.12	AICTE
5	Conference on non conventional energy	12.05.12	TEDA and Dept of Mech
6	Training program on Competitive examinations	26.10.12	Saidhai Duraisamy IAS Academy and Collegey
7	Inauguration of ISTE Chapter	12.02.12	Dept.Tech Association
8	National conference on EEE	19.12.12	EEE Tech Association
9	Inauguration of Computer Society of India	06.03.13	MCA and IT Departments
10	National conference on latest trends on CSE	20.03.13	CSE Department
11	Seminar on Web design and Lab view Soft wares	29.03.13	CSE and IT Departments
12	IEEE International Conference on Advances in Engineering and Technology	30.03.13	IEEE and College
13	Workshop on Mini Projects and Display of Innovations on Finding people trapped in disasters, Sensing gas leak in A,C cars, G.P of fishermen, Chest cancer detection	03.05.13	R&D Department
14	Two week STP on New Research Tools for	15.05.13 to	AICTE



	Evolutionary Robotics	30.05.13	
15	Seminar on Industrial Automation	10.06.13	EEE Department
16	Speech on IAS/IPS Exams Preparations	05.06.13	College
17	Five days special training	9-13.06.13	ECE Department
18	Orientation program for freshers	31.07.13	S&H Dept and College
19	Training on Project preparation	24.08.13	R&D Department
20	Seminar on P.G Programmes	17.09.13	P.G Departments
21	Micro manufacturing workshop	10.12.13	College
22	One week FDTP on Data Warehousing and Data Mining	6.12.2013	Anna University- CFD and IT Department
23	Two days FDP on Open source Lab	16.12.13	IT Department
24	One week workshop on Lab view and Multisim for 2 <sup>nd</sup> year students	11 to 14-01-2014	IT and Linuxpert, Chennai
25	Inauguration of Anna University QIC	02.02.14	Anna University, Chennai
26	Felicitation to 70 Teachers and 350 Students for 100% Results and 100% attendance	05.03.14	College
27	Three days FDP on Communicative Proficiency	12.05.2014 to 14.05.2014	Organized by SAH Department
28	One day FDP on People Empowering People	11.12.2014	ICTACT

#### **2.4.4. How the faculties are encouraged to demonstrate creativity and innovation in teaching?**

- Interactive lecture method – Smart class, OHP, LCD
- Knowing the activity and studying the science aspect (Experiential learning)
- Participation in seminars, workshops, exhibitions, talent shows etc.
- Motivating the faculty to Draw research project proposal/writing articles
- Encouraging them to pursue higher studies/ participate in FDP's

#### **2.5. Evaluation Process and Reforms**

##### **2.5.1. How does the college ensure that all the stake holders are aware of the evaluation processes that are operative?**

- The freshers are informed of the system of the university regulation and college procedures in terms of semester system, different tests, their evaluation methods etc. The regulations, curricula and syllabi of all the programmes offered by the college are available in the website of the university and of the college. The regulations contain the details of the evaluation processes.
- The academic calendar issued to the students also contains the relevant information about conduct of examinations and evaluation methods.

- The college system of evaluation processes is automated through internet facilities. The students can access the informations on their attendance, internal marks, etc through the website of our College.
- Students are guided for registration of elective subjects, procedure for reevaluation, retotalling and demanding Xerox copy of answer paper etc.

### **2.5.2. How is the Transparency and Security of evaluation system ensured?**

- The internal marks given to the students at different levels and the basis of allotting marks are known to the students through the internet
- Evaluated answer scripts of periodical tests, midterm tests and model exams are given to the students.
- The record of internal marks is made known to the students and sent to the controller of Examination, Anna University at periodic intervals as per the rules of the university, to avoid favoritism and last minute alteration.
- The practical examinations are conducted by the External Examiners Drawn from different engineering colleges of the region. The external examiner has the full control of conducting the practical examination with respect to allotting experiments for the practical examination, conducting viva, evaluation of answer scripts and dispatching of marks sheets (in Sealed covers) to the controller of examinations, Anna University, Chennai.
- The theory examinations are conducted strictly as per the rules and regulation of the Anna University following the following aspects of transparency and security of evaluation system.
  - ✓ Appointment of Anna University representative by the Anna University
  - ✓ Appointment of External Examiner and internal examiner
  - ✓ Hall and Seat arrangement
  - ✓ Issue of Answer sheets, Data Books, examination stationeries by the Anna University Examination Nodal centre.
  - ✓ Receiving question papers for different exams on daily basis handed over by the Anna University Representative.
  - ✓ Surprise checks by the flying squad of Anna University examination Nodal centre.
  - ✓ Carrying used Answer sheets in sealed covers by the Anna University Representative to the Nodal centre on daily basis.
  - ✓ Central valuation of Answer sheets by the Anna University Regional office.
  - ✓ Announcement of results by the Controller of Examination, Anna University, Chennai.
  - ✓ Redressal of grievances of the students.

### **2.5.3. How technology is effectively used in the examination management process?**

- Seating arrangements are made mixing the students appearing for other examinations to avoid copying by the students.
- Question papers are received in sealed covers, brought by the Anna University Representative from the Anna University Nodal Centre for the days examinations
- Question papers sent by the office of the COE, Anna University are downloaded simultaneously where ever possible.
- The internal marks are made known to the students then and there through internet and the record of the internal marks is sent to COE, Anna University on the prescribed dates.
- The University examination proceedings have been formatted by the Anna University and the same has been computerized.
- Computerized data on No.of question paper covers, No.of question papers used, No.of Answer sheets used, No.of Absentees, list of External and Internal examiners etc are prepared and handed over to the Anna University Representative on daily basis immediately after the day's examinations are over.

### **2.5.4. How does the Institution have an effective mechanism for Redressal of Grievances pertaining to examinations?**

- Freedom has been provided to all the students to represent their grievances to the course teacher, ward counselor, HOD's, Principal and the Secretary any time.
- The performance of the students is informed to the parents at periodical intervals.
- Ward counselor and HOD's are conducting parents meeting frequently.
- Students' grievances for reevaluation, retotalling, getting copy of answer sheets etc are processed and forwarded to the COE, Anna University promptly.
- College Discipline Committee and Women Welfare Committee have close coordination with staff and students and look after the redressal of grievances pertaining to misbehavior, harassment to women, vindictive attitudes etc.

## **2.6. Student Performance and Learning Outcomes**

### **2.6.1. How the Graduate attributes of the Institution are clearly defined/ articulated?**

The objectives and outcome of each subject is clearly spelt out in the beginning itself. Each program has its common learning outcomes and few programs have specific learning outcomes. These outcomes are derived from the graduate attributes of undergraduate engineering. These are disseminated to all the stakeholders through the HOD's and the course teachers.

**2.6.2. How does the institution ensure that it's various programmes and activities help to achieve the stated graduate attributes?**

To facilitate the achievement of the intended learning outcomes, the strategies of teaching, learning and assessment of the institution are through:

- Faculty improvement program
- Continuous and comprehensive evaluation of the students
- Students empowerment programs
- Theory, Projects, Assignments and Practical's for effective learning.
- Fast track facility to intimate the parents about students attendance, performance, irregularity and academic status.
- Conducting weekly tests, retests, missing tests, midterm tests and model exams.
- Conducting mentoring classes for slow learners.

**2.6.3. How does the institution encourage all its departments to clearly state the learning outcomes of its programmes?**

- The objectives and outcomes of every course are clearly spelt by the respective course teacher.
- The objectives and outcomes of every course are made known to the students by the course teacher.
- The level of reaching the objectives and outcomes are assessed by the course teacher through feedback.
- The learning outcomes are analyzed in Class Committee meetings
- Feedbacks are received from the alumni frequently.
- Feedbacks are received from the students who pursue PG and Ph.D programmes.
- Feedbacks are received from the recruiters visiting the college and the employers.
- Illustrious alumni are invited to the college for students interaction programmes

**2.6.4. How the achievement of intended learning outcomes is assessed?**

Details of the pass percentage and completion rate of students are furnished below.

UG Degree

Branch	Year	No.of Students appeared	No.of Students Passed	Percentage
Mech	2011	66	38	58%
	2012	65	42	65%
	2013	94	76	82%
	2014	111	84	76%
CSE	2011	87	73	84%
	2012	84	60	71%

	2013	77	51	66%
	2014	106	64	61
ECE	2011	65	51	76%
	2012	62	47	57%
	2013	61	23	38%
	2014	77	49	77%
EEE	2011	66	50	76%
	2012	63	49	77%
	2013	69	52	74%
	2014	69	50	75%
IT	2011	62	45	73%
	2012	48	25	52%
	2013	29	12	42%
	2014	51	31	61%
Civil	This course was started in 2011-2012			

#### PG Programme

Branch	Year	No.of Students appeared	No.of Students Passed	Percentage
MBA	2011	27	27	100%
	2012	54	51	95%
	2013	60	58	85%
	2014	49	49	100%
MCA	2011	28	28	100%
	2012	15	13	96%
	2013	29	29	100%
	2014	69	64	93%
M.E (M.E)	2013	14	09	64%
	2014	11	8	73%
M.E (CSE)	2014	15	15	100%
M.E (PED)	This Course was Stareted 2013-2014			
M.E (CS)				

- Details of University ranks obtained by the students

Branch	Year	Name of the Students	University Rank	Total
Mech	2011	D.Arunkumar	40	09
	2012	S.Vivek	35	
		P.Selva Kumar	42	
		K.SunDram	43	
	2013	B.Abilash	28	
		S.Vimal RAJ	41	
	2014	M.Pravinraj	04	

		S.Venkatesan	35	
		D.Manoj	48	
CSE	2012	R.Bhuvaneswari	41	04
		A.Vinu priya	46	
		I.Luft Irfana	49	
	2014	Z.Ameena Parveen	45	
EEE	2014	S.Sarathkumar	05	03
		J.Jahabardeen	27	
		V.Abinaya	28	
ECE	2014	R.Deebika	10	04
		S.Dhivya	15	
		R.Nandhini	17	
		R.Aswini	40	
IT	2014	S.Then Thamizh Illakiya	18	02
		G.Sathis	37	
MBA	2011	Kanimozhi.R	35	08
	2012	Sowndarriya.M	39	
		Vinodhini.J	45	
	2013	Sasikaladevi.V	32	
		Durgadevi.P	46	
		Sudha.C	46	
		Kavipriya.P	48	
	2014	K.Kiruthiga	48	
MCA	2011	Ramya.B	10	24
		Ramya.N	31	
		Durgalakshmi.R	44	
		Sujithra.S	49	
	2012	Lourdu Rubi.M	45	
	2013	Saranya.R	03	
		Anantha Jothi.B	06	
		Rathiga.T	12	
		Vasanthameenakshi.S	15	
		Anitha Lily.J S	17	
		Subhasri.R	17	
		Sowmiya.S	30	
	2014	V.Karthika	20	
		A.Iswarya	26	
		M.Narmatha	27	
		A.Ananthi	29	
		P.Elavarasi	33	
		N.Saranya	39	
		R.Helen Gelitha	42	
		M.Vinupriya	47	
		P.Kamalambigai	49	

M.E (CSE)	2014	S.Banupriya	49	04
		P.Selvamani	60	
		R.Uma Maheswaru	34	
		P.Vennila	39	
		C.Padmapriya	39	
		S.Subashree	39	
		Total Rank Holders		

**2.6.5. Does the Institution have mechanism in place to analyze short fall in achievement of learning outcomes and suggest improvement measures?**

- The students performance in the university examinations is analyzed critically
- The reasons for both best and poor results are discussed/analyzed
- Corrective measures such as implementing invited lectures, offering extra coaching classes etc are planned for the ensuring semesters.
- The course teachers who have secured 100% result in the university examination are presented with cash prize of Rs.3000/- per subject and for those who have secured more than 90% result, Rs.2000/- per subject. This action of the institution encourages the teachers to take extra care to enhance the student learning.
- The list of staffs who were rewarded with cash prize for achieving 100% and more than 90% results in furnished below.

S.NO	Name of the Staff	Name of the Subject	Reward	
			100% result	>90% result
01	Mr.K.M.Kumaran	Enterprise Resoruce Planning	-	√
02	Ms.S.Lavanya	Unix Internals	-	√
03	Ms.E.Vijayavani	Mobile Computing	-	√
04	Mr.V.M.Suresh	Graphics and Maultimedia	-	√
05	Mr.A.Javed Sultan	Distrbuted Systems	-	√
06	Mr.C.Gopi	Environmental Science and Engineering	-	√
07	Mrs.Vanitha J	CA 5301 Net Technologies	√	-
08	Mrs.Mallika C	CA 5302 Mobile Computing	√	-
09	Mr.Arunkumar P	CA 5303 Software Project management	√	-
10	Mrs.Visalatchy S	Software Testing	√	-
11	Dr.Rajakrishnan V.S	CA 5203 Accounting & Financial Management	-	√
12	Mr.Arunkumar P	CA 5221 Advance Databases	-	√
13	Mrs.Hema A	CA 5204 Java Technologies	-	√
14		MC 9212 Problem Solving &	-	√

15	Mrs.Visalatchy S	MC 9213 Database Management & System	-	√
16	Mrs.Mallika C	MC 9214 Data Structures	-	√
17	Mr.Murali ChanDra Sekar	CS 1302 Computer Networks	-	√
18	Ms.Swathi P	CS 1354 Graphics & Multimedia	-	√
19	Dr.Karthi R	Strategic Management	-	√
20	Dr.Rajakrishnan V.S	Financial Management	-	√
21	Ms.Asha Daisy B	Business Law	-	√
22		Managerial Behavior and Effectiveness	-	√
23	Mrs.Malliga P	GE 2152 Basic Civil and Mechanical		√
24	Mr.Manikandan B		-	√
25	Ms.Geetha K	Technical English 1	-	√
26	Mr.Manikandan B	Engineering Graphics	-	√
27			-	√
28	Ms.JayaAnbarasi A	Technical English 1	-	√
29	Mr.Manikandan B	Engineering Graphics	-	√
30	Ms.Geetha K	Technical English 1	-	√
31	Mr.A.Javed Sultan	Web Tehnology	√	-
32	Mr.S.Manikandan	Internet Computing	-	√
33	Mr.M.Chinnadurai	Software Project Management	-	√
34	Mr.N.Murali	Softwre Qulality Management	-	√
35	Dr.S.Ramabalan	Robotics	-	√
36	Mr.S.Krishnamohan	Unconventional Machince	-	√
37	Mr.K.Balasubramaniyan	Networks Protocols	-	√
38	Mr.A.Rameshkumar	Object Oriented Analysis and Design	-	√
39	Ms.T.Vaishnavai	Total Qulaity Management	-	√
40	Mr.V.M.Suresh	Fundametals of Computing Programming	-	√
41	Ms.T.Sowkarthika	Object Oriented Programming	√	-
42	Mr.G.Arulselvan	System Software	-	√
43	Ms.E.Vijayavani	System Software	-	√
44	Ms.P.V.Sornalatha	Engineering Econmics and Finanial Accouning	-	√
45	Dr.V.S.Rajakrishnan	Total Qulaity Management	-	√
46	S.Manikandan	Network Programming Management	-	√
47	M.Chinnadurai	Embedded Systems	-	√
48	N.Murali	Software Testing	-	√
49	M.Markco	Data Warehousing and Data Mining	-	√
50	G.Arul Selvan	Cryptography and Network Security	-	√



### 5.3. Criterion – III: Research, Consultancy and Extension

#### 3.1 Promotion of Research

##### 3.1.1 Does the Institution have recognized research centre of the affiliating university or any other agency/organization?

- Annamalai University has recognized the department of Mechanical Engineering of our institution considering the facilities available for research. The following faculties are pursuing Ph.D Programme as a result of recognition.

Name of the Staff	Department
Mr.S.Krishnamohan	Mechanical
Mr.V.Sivaramakrishnan	
Mr.N.Ramanujam	
Ms.J.Hemavathy	English

- Mr.Giftson Samuel department of EEE got Ph.D degree through Anna University.
- Mr.S.Ramadoss and Mr. Gurumoorthy, Department of Mechanical Engineering are pursuing Ph.D programme through Pondicherry University.
- Ms.R.Lakshmi Rekha, ECE and Javed Sultan,IT are pursuing Ph.D Programme at Sathya Bama University
- Mr.V.Mohan(EEE),Ms.J.Jeevamalar and Mr. R.Rangarajan,(Mech), Ms.E.Elakkia(CSE),Mr.R.Manivannan(CSE), Mr. B. Saravanakumaran,IT, Mr. M. Chinnadurai,IT and Mr.N.Murali,IT are pursuing Ph.D programme under Anna University.
- Mr.R..Anandaraj(EEE)and Mr. Ganesan (CSE) are pursuing Ph,D at MS University
- Dr.S.Ramabalan, Principal/Professor of Mechanical Engineering has been approved by the Anna University as a Research Guide and 6 Ph.D Scholars are pursuing Ph,D programme under his guidance.
- Dr. K.Kavitha, Associate Professor, Chemistry, has been approved by Anna University and Bharathidhasan University as a Research Guide and 2 Ph.D scholars are pursuing Ph.D under her guidance.
- Dr. R. Karunanithi,Dr.B.Ravindran and Dr. M. K. Mishra are guide / co guide for 10 PG / Ph. D Scholars.

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

- Yes, the college has a research committee to monitor and address the issues of research.

#### Composition of the Research Committee

1. Dr.R.Karunanithi, Advisor
2. Dr.S.Ramabalan, Principal
3. Dr.M.K.Mishra, Director, R&D
4. Prof. V. Mohan, Vice Principal
5. Dr.R.Karthi, Director/MBA
6. Dr.K.Raghugandhan, Professor-Manufacturing/Annamalai University
7. Dr.K.Kavitha, Professor/Chemistry
8. Prof. M.Chinnadurai, Associate Prof, IT
9. Dr.G.Selvaraj, Professor-Chemistry/Govt.Arts College, Tiruvarur.

- ✓ The research committee meets twice in a year to review and road map the activities of each department.
- ✓ Due to the encouragement and motivation from research committee the following projects and activities for more that Rs.40 lakhs have been conceived/obtained.

S.No	Name of the Project	Funding Agency	Staff Responsible	Cost Rs.Lakhs
1	Development of simple tools for handling fish catches by fishermen	AICTE	Dr.R.Karunanithi Mr.S.Ramadas	3.25
2	Study on the scope of power generation through solar and wind energy in Nagapattinam, Coastal Region	College	Mr.S.Ramadas Dr.R.Karunanithi Dr.S.Ramabalan	10.00
3	Development of model Rainwater harvesting system suitable for integrated usages	College	Dr.R.Karunanithi Dr.S.Ramabalan Ms.P.Mallika	15.00
4	Development of a computerized system for student mentoring	College	Mr.M.Chinnadurai Mr.S.Manikandan	2.00
5	FDP	AICTE	Dr.S.Ramabalan	6.50
6	FDP	AICTE	Dr.S.Ramabalan	6.50
7	STP	AICTE	Dr.R.Karhti	0.90
8	FDTP	Anna University	Mr.M.Chinnadurai	0.90
9	Campaign programme on Renewable energy	TEDA/Dist. Collectorate	Dr.R.Karunanithi	0.50
10	Training programme on Renewable energy	TEDA/Dist. Collectrate	Dr.R.Karunanithi	0.50

11	Training programme on Bio- Diversity	National Bio-Diversity Authority	Dr.R.Karunanithi	0.85
12	FDTP	Anna University	Dr.Mishra	0.60
13	FDTP	Anna University	Ms.R.L.Reka Mr.C.Mathuvanesan	0.25
14	Skill Training in Banking Financial Services & Insurance (BFSI)	Tamil Nadu Skill Development Mission Council (TNSDC)	Mr.S.Manikandan	0.50

- ✓ Due to the constant encouragement from the research committee the following staff members have published research papers in leading research journals.

S.No	Name of staff Member	Title of Research Paper	Name of Journal	Publication details
<b>MCA</b>				
01	Mrs. J.Vanitha Mrs. C. Mallika	Brain controlled car for disabled using artificial intelligence	CIIT International journal of Artificial Intelligent Systems and Machine learning	August 2011
02	Mrs. A. Hema	Iris Recognition	CIIT International journal of Biometrics and Bioinformatics	August 2011
03	Mr. P.Arunkumar	Web Services Composition towards an Agent Based and Context Oriented Approach	CIIT International journal of Networking and Communication engineering	July 2011
04	Mr. P. Arunkumar	State-of-the-art invisible watermarking technology within media files	CIIT International journal of Digital image processing	August 2011
05	Mrs. J. Vanitha Mr. P. Arunkumar Mrs. C. Mallika Mrs. A. Hema Ms. K. Durga Mrs. S. Visalatchy	SAAS flavoured cloud computing implementation in Indian universities an Imagineering thought Comparison of scalar images based on compression technique	IEEE xplore	June 2012
06	Ms. K. Durga Mrs. A. Hema	Micro calcification detection using wavelet transform	International Conference on Advances in Engineering and Technology	May 2011
07	Mrs. J. Vanitha Mrs. C. Mallika Mrs. A. Hema Mrs. S. Visalatchy	The study of Pros and Cons of the Cloud Computing	CIIT International journal of Networking and Computing Engineering	July 2012

08	Mr. P. Arunkumar	Voting through mobile using biometric template with integration of spatial cloud computing and Data hiding security	CIIT International journal of Biometrics and Bio Informatics	July 2012
09	Mrs. C. Mallika Mrs. A. Hema Ms. K. Durga Mrs. S. Visalatchy	Comparison of scalar images based on compression technique	IEEE Explore	June 2012
<b>MBA</b>				
06	Dr.R.Karthi, MBA	Challenges faced by tourist in Nagapattinam District: A Statistical Analysis	IJHTS	December 2012
07		An Emperical Study on employees health and Safety at H&R Johnson Lts, Karikal	IEEE	30.03.2013
09		Influence of Online Marketing in the prospective Indian Insurance Industry	IOSR	25.02.14
09	Dr.V.S.Rajakrishnan	Green marketing- Challenges and Opportunities	IEEE	29.03.2012
10	Ms.B.Asha	Assessing The Project risk Management Processes by Using Rules and Project Management Templates	IOSR	25.02.2014
11	Daisy Ms.P.V.Sornalatha	Cross Cultural Skills in Management	IOSR	25.02.2014
12	Mr. I. Arul Edison Anthony Raj	A Study on Mid-Career Blues with special reference to Hyundai Motors (I) Ltd., Chennai	IOSR	Jul – Aug 2013
13	Mr. B. Imayavan	Leveraging IT in HR	IOSR	25.02 2014
14		Challenges to HRM	IOSR	25.02 2014
15	Mrs.V.Carolin Julia Pushpam	Cross Cultural Skills in Management	IOSR	25.02.2014
<b>Information Technology</b>				
16	B.Saravanakumar	Combination of Misuse and Anomaly intrusion Detection Systems	CIIT - International Journal On Data Mining And Knowledge	2011

17	S. Manikandan	Identifying semantic relations between disease and treatment using Machine learning Approach	International Journal on Research and Technology(IJERT)	June-2013
18		An Efficient Streaming-Application on Distributed Hybrid Cloud Platforms	International Journal of Advanced Information Science and Technology (IJAIST)	July-2014
19		Virtual Network Connection Using Mobile Phones	COMPUSOFT, An International Journal of Advanced Computer Technology	June-2014
20		Information Technology Architectures for Grid Computing and Applications	International Journal of Advanced Research Computer Engineering and Technology	June-2014
21		Performance Analysis of Mobile Ad-Hoc Network Routing Protocols using Network Simulator – 2	COMPUSOFT, An International Journal of Advanced Computer Technology	June-2014
22	K. Manikanda Kumaran	Performance Analysis of Mobile Ad-Hoc Network Routing Protocols using Network Simulator – 2	COMPUSOFT, An International Journal of Advanced Computer Technology	June-2014
23	K. Manikanda Kumaran	Identifying semantic relations between disease and treatment using Machine learning Approach	International Journal on Research and Technology(IJERT)	June-2013
24	S. Manikandan	Detecting and Preventing Distributed Denial of Service (DDOS) Attacks using BOTNET Monitoring System	International Journal of Engineering and Computer Science	December-2014
25	S.Lavanya P.Suganya E.Elakiya E.Vijayavani	Improving Security of Password and Classification of Threats emails	IJARCMS	July-2014
26	E.Vijayavani S.Lavanya P.Suganya E.Elakiya	Emotion Recognition based on MFCC Features using SVM	IJARCMS	July-2014
27	S.Palanimurugan A.JavedSultan	Fuzzy Driven data writing techniques for effective	IJARCS	July-2014

	N.Murali V.M.Suresh	prediction		
28	S.Palanimurugan A.JavedSultan N.Murali V.M.Suresh	An Efficient and Scalable CAPTHA implementation with no segmentation overhead	IJARCS	July-2014
29	S.Manikandan K. Manikanda Kumaran S.Palanimurugan	Detecting and Preventing Distributed Denial of Service (DDOS) Attacks using BOTNET Monitoring System	International Journal of Engineering and Computer Science	December-2014
<b>EEE</b>				
30	R.Anandaraj	A smart approach to condition monitoring parameter estimation & execution of WECS using PLC & SCADA technique	CiiT-Automation & Autonomous System	Jul 2013
31	K.Krishnaram	Cascaded H Bridge nine level inverter for PV arrays	IJSRET	2013
<b>ECE</b>				
32	R. Lakshmi Rekha	Fuzzy rg-Super IR resolute Mapping	IOSR	2013
33	R. S. Koteeshwari	Voice over IB via Bluetooth /wifi peer to peer	IJEa	2012
34	C. Mathuvanesan	Performance analysis of singularity and irregular detection in human health monitoring using LIPSHITZ exponent function	IJERT	2013
35	M. Nuyhal Srinivasan	Recovery of EMG signal from the mixture of ECG-EMG signal	IJRIT	2014
<b>CSE</b>				
36	T.Ganesan	Optimization of Nano Adhoc on Demand Distance vector routing protocol in MANET	JATIT	2014
37	K. Parkavi	Energy Aware Secure Routing Protocol for MANETS	IJARCCCE	2013
38	S.Mahalakshmi, S.Imavathy	Distributed System Architecture for Gris	CIIT	2012

		resource Monitoring and Resource Stateprediction		
39	K. Balasubramanian	Data Hiding in Audio signal video signal text, JPEG	IEEE Explore	2012
40	D.M.C.Sekar	Wed Server Load Balancing using SSL Backend forwarding method	IEEE Explore	2012
41	G. Arulselvan, R. Manivannan, R.Senthilnayaki, K. Balasubramanian	Weakness recognition in network using ACO and mobile agents	IEEE Explore	2012
42	G. Arulselvan	Innovative e-commerce project observations	IEEE Explore	2012
43	G. Arulselvan	An efficient weighted rule mining for web logs using systolic tree	IEEE Explore	2012
44	G. Arulselvan	Applications of fuzzy logic and artificial neural network for solving real world problem	IEEE Explore	2012
45	G. Arulselvan, R. Manivannan, I.Arul Sahaya Mari, K.Kalaivani	Service Categorization and Admission Control in Enterprise Web Services Using Capacity Distribution Algorithm	CIIT	2011
46	I.Arul Sahaya Mari, K.Kalaivani, M.Rammuruli	Dynamic Routing and Agent Technology Based Security Enhanced Data Delivery with Public Key Cryptography	CIIT	2011
47	N. Murali and K. Kumaran	A Scalable Overlay Multicast Architecture for Large-Scale Applications	CIIT	2011
48	T. Sowkarthika	Security Issues and Milestones in Cloud Infrastructure	CIIT	2011
49	S.Mahalakshmi, S.Imavathy	Storing and Indexing Spatial Data in P2P	CIIT	2011

50	Dr.B. Ravindran	Thermal, UV and FTIR spectroscopic Studies in Mercury cinnamates	Asian Journal of Chemistry	2011
51		Growth and Characterization of Cinnamic acid-Urea single crystal	Journal of Thermal Analysis and Calorimetry	2011
52		Thermal, FTIR and microhardness studies of bithiourea-urea single crystal	Journal of Thermal Analysis and Calorimetry	2011
53		The growth and characterization of metal organic crystal, potassium thiourea thiocyanide	Journal of Thermal Analysis and Calorimetry	2011
54		Synthesis and Characterization of some crystals of thiourea urea zinc chloride	Journal of Thermal Analysis and Calorimetry	2011
55		Nucleation Kinetics of a new nonlinear optical crystal	Journal of Thermal Analysis and Calorimetry	2011
56	Dr.B.RavinDran	Thermal and FTIR spectral Studies in various proportions of urea thiourea mixed crystal	Journal of Thermal Analysis and Calorimetry	2011
57		Growth and Characterization of trio thiourea Chromium (III) sulphate	Journal of Thermal Analysis and Calorimetry	2012
58		Inverisation of the growth and Characterization of nonlinear optical single crystal of bithiourea iron (II) sulphate	Journal of Thermal Analysis and Calorimetry	2012
59	Dr.B.RavinDran	Thermal Analysis, Effect of dopant and Spectral characterization of cinnamic acid crystal	G.J.P & A Sc and Tech	2013
60	P. Jamuna Devi	A Statistical Analysis on People working in matchbox industry-Kovilpatti	Journal of Applied and pure mathematics	2012
61		Decision making on to	IOSR	2014



		reduce burden on principalities		
62	A.R. Deepa	Fuzzy semi-pre-generalized super closed sets	IOSR	2013
63	B. Ambiga	Fuzzy semi-pre-generalized super closed sets	IOSR	2013
64	C. Gopi	Synthesis, Characterization and Anti-betic activity of 1,3,5-triaryl-2-prazolines in acetic acid solution under Ultrasound Irradiation	International Letters of Chemistry, Physics and Astronomy	2013
65		Green synthesis and antibacterial evaluation of some 2-pyrazoline derivatives	International Journal of Advanced Chemistry	2014
66	Dr.K. Kavitha	Cationic Vs Anionic Mechanism for 1,3-dipolar additions	JPC	2012
67		Synthesis, Characterization and Anti Microbial Activity of Some Heterocyclic Ketone Thiosemicarbazones	Advanced Chemistry Letters	2013
68		Effect of Pottasium Nitrate (KNO) <sub>3</sub> ON the growth, spectral, thermal, mechanical, shg efficiency and powered XRD properties of L-Valine Single Crystal	Advanced Chemistry Letters	2013
69	Dr.K. Kavitha	Synthesis, Growth and Characterization of L-Alanine Potassium Nitrate – A potential non linear optical material	Journal of thermal analysis and calorimetry	2013
70	Dr.S.Ponsadaila kshmi	Physico Chemical Analysis of Ground Water of Selected Area in Mayiladuthurai City (Tamilnadu), India	An International Journal of Chemistry	2014
71		Thermal, UV, FTIR, and XRD studies of urinary stones	Journal of Thermal Analysis and Calorimetry	2014
72		Epidemlogy of kidney stones-an attempt to discuss	International Journal of Chemistry,	2014

		in terms of Mathematical Epidemic Modelling	Environment and Technology	
73	H.B. Michael Rajan, S.Ramabalan, I. Dinakaran and S.J. Vijay	Effect of TiB <sub>2</sub> content and temperature on sliding wear behavior of AA7075/TiB <sub>2</sub> in Situ aluminium cast composites	Archives of Civil and Mechanical Engg	2014
74	N.Godwin Raja Ebenezer,R.Sara vanan, S.Ramabalan and R. Natarajan	Evolutionary Optimum Design for Task Specified 6-Link Planar Robot	International Review of Mechanical Engineering	2014
75	T. Pushparaj, S.Ramabalan and V. Arul mozhi selvan	Investigations on the effect of bio fuel enhancer additive with cashew nut shell liquid biodiesel blends on engine performance and pollutant emissions in a diesel engine	Advanced Materials Research	2013
76	T. Pushparaj, S.Ramabalan and V. Arul mozhi selvan	Experimental investigation on the effects of diethyl ether additive on cashew nut shell liquid biodiesel	Advanced Materials Research	2014
77	T. Pushparaj, S.Ramabalan and V. Arul mozhi selvan	Green fuel design for diesel engine combustion, performance and emission analysis	Procedia Engineering	2013
78	K.Ramadoss	Experimental Investigation of Performance and Emission Characteristics by different exhaust gas Recirculation methods used in diesel engine	Global Journal of Researchers in Engineering	2013
79		A survey of Sewage water recovery process by Tire:Potential methodology in water treatment	International Journal of Science and Research	2013
80		Performance characteristics of Diesel engine fuelled with the blends of Diesel-Biodiesel ethonal.	International Journal of Scientific & Engineering Research	2013
81		Experimental Investigation	AIIS Journal Current	2013

		of Biodiesel fuelled variable C.I Engine	development in Mechanical Engineering	
82	C.Manikandan	Numerical Simulation of flow inside the square cavity	International Journal of Technical Research and Applications	2014
83		A comparative analysis of convetional building vs proposed green building by energy modeling	International Journal of Mechanical Engineering and Material Sciences	2012
S&H				
84	P. Jamuna Devi	A Statistical Analysis on People working in matchbox industry-Kovilpatti	Journal of Applied and pure mathematics	2012
85	T.Clarina	Pharmacognosy and Phytochemical study of Enicostemma LittoraleBlume	American Journal of Pharmtech; 2012	2012
86	Dr.B.Ravindran	Thermal Analysis, Effect of dopant and Spectral characterization of cinnamic acid crystal	G.J.P & A Sc and Tech	2013
87	Dr. S.Ponsadailakshmi&Asso. Prof	Thermal, UV, FTIR, and XRD studies of urinary stones	Journal of Thermal Analysis and Calorimetry	2013
88	Dr. S.Ponsadailakshmi&Asso. Prof (Chemistry)	Epidemlogy of kidney stones-an attempt to discuss in terms of Mathematical Epidemic Modelling	International Journal of Chemistry, Environment and Technology	2013
89	Dr.K. Kavitha	Synthesis, Characterization and Anti Microbial Activity of Some Heterocyclic Ketone Thiosemicarbazones	Advanced Chemistry Letters	2013
90	A.R. Deepa	Fuzzy semi-pre-generalized super closed sets	IOSR	2013
91	B. Ambiga	Fuzzy semi-pre-generalized super closed sets	IOSR	2013
92	C. Gopi	Synthesis, Characterization and Anti-diabetic activity of 1,3,5-triaryl-2-prazolines in acetic acid solution under	International Letters of Chemistry, Physics and Astronomy	2013

93	Dr.K. Kavitha	Effect of Pottasium Nitrate (KNO) <sub>3</sub> ON the growth, spectral, thermal, mechanical, shg efficiency and powered XRD properties of L-Valine Single Crystal	Advanced Chemistry Letters	2014
94	Dr.K. Kavitha	Synthesis, Growth and Characterization of L-Alanine Potassium Nitrate – A potential non linear optical material	Journal of thermal analysis and calorimetry	2014
95	P. Jamuna Devi	Decision making on to reduce burden on principalities	IOSR	2014
96	P. Jamuna Devi	Decision making problem in Managing MSW"	ELIXIR Journal	2014
97	C. Gopi	Green synthesis and antibacterial evaluation of some 2-pyrazoline derivatives	International Journal of Advanced Chemistry	2014
98	T.Clarina	Eco friendly egg shell mediated aldol condensation	International Journal of Science and Research, Vol 3 Issue 9 Sep 2014	2014

**3.1.3 What are the proactive mechanisms adopted by the college to facilitate implementation of research schemes/projects?**

- Advancing funds for sanctioned projects.
- Autonomy to the Principal investigator/co-Principal investigator for utilizing the funds.
- Timely release of grants.
- Timely auditing and submission of audit utilization certificate to the funding agencies.
- Rewards for getting projects

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

- A separate department of Research and Development, headed by a Director has been created.

- ✓ The R&D department monitor the various aspects of developing scientific temper and research culture and aptitude among the staff and students
- ✓ The list of praiseworthy students projects carried out in the recent past is presented below.

S.No	Name of The Project	Name of the Students	Department
1	Robotics for diaster management	U.Aarthi,Komal,Jananidurga,	ECE
2	Accident Prevention system in AC Car (in ideal condition)	Yazahni,Mohan,Gomathi,	
3	A fuzzy based Model for Breast Cancer Diagnosis	Abhirami,S. Kousalya,Dharni	ECE
4	Image Denoising Technique	Indhumathi	
5	Hybrid Car Model	Jayalakshmi, Sukipriya	IT
6	Graduation Managemen Systems	Dinesh Kumar, Vigeshwaran, Ananth	
7	Air conditioning system using waste heat in car	Arun.AGanesh .M, Gunasekaran .S,Hariharan .N	Mech
8	Performance and analysis of solar gel pond	Ganesh Kumar.V Kandhasamy.B,Prasath.A Ruban.R	
9	Application of Robotics in Disaster Management –Alive Human Detecting Robot	Aarthi.U,Komal .S Jananidurga .P,Siva .S	EEE
10	Implementing cryptography technique in message passing system	R.Iyaappan,S.Prabhu M.Madhavan	CSE

### 3.1.5 Give details of faculty involvement in active research

- The details of faculty involvement in active research are presented below.

S.No	Name of the faculty	Description of the Project	Remarks
1	Dr.R.Karunanithi Professor/Mechanical	Development and evaluation of whole cane harvester	Offered consultancy to Kothari Sugar Industries, Trichy and L.C.T Industries Coimbatore.
2	Dr.S.Ramabalan Principal/Mechanical	Approved Ph.D Guide	Guiding 2 Ph.D Scholars

3	Dr.K.Kavitha Professor-Chemistry	Approved Ph.D Guide	Guiding 3 Ph.D Scholars
4	Dr.M.K.Mishra Director/R&D	Approved Ph.D Guide	Guiding 2 Ph.D Scholars

**3.1.6 Give details of National, International Conferences/Programmes/Sensitization/training conducted/organized by the institution with focus on capacity building in terms of research and imbuing research culture among the staff and students.**

- The particulars of conference, seminars, workshops and training programmes are given below.

S.No	Name of the Programme	Date	Funding agency collaboration etc
1	National conference	27.03.12	EEE Dept.- College
2	IEEE International Conference on Advances on Engg, Science and Technology	28.03.12	IEEE and College
3	IEEE International Conference on Advances in Engineering and Technology	07.04.12	IEEE and College
4	FDP on advances R&D of Autonomous Robots	07.05.12	AICTE
5	Conference on non conventional energy	12.05.12	TEDA and Dept of Mech
6	Training program on Competitive examinations	26.10.12	Saidhai Duraisamy IAS Academy and Collegey
7	Inauguration of ISTE Chapter	12.02.12	Dept.Tech Association
8	National conference on EEE	19.12.12	EEE Tech Association
9	Inauguration of Computer Society of India	06.03.13	MCA and IT Departments
10	National conference on latest trends on CSE	20.03.13	CSE Department
11	Seminar on Web design and Lab view Soft wares	29.03.13	CSE and IT Departments
12	IEEE International Conference on Advances in Engineering and Technology	30.03.13	IEEE and College
13	Workshop on Mini Projects and Display of Innovations on Finding people trapped in disasters, Sensing gas leak in A,C cars, G.P of fishermen, Chest cancer detection	03.05.13	R&D Department
14	Two week STP on New Research Tools for Evolutionary Robotics	15.05.13 to 30.05.13	AICTE
15	Seminar on Industrial Automation	10.06.13	EEE Department
16	Speech on IAS/IPS Exams Preparations	05.06.13	College
17	Five days special training	9-13.06.13	ECE Department
18	Orientation program for freshers	31.07.13	S&H Dept and College

19	Training on Project preparation	24.08.13	R&D Department
20	Seminar on P.G Programmes	17.09.13	P.G Departments
21	Micro manufacturing workshop	10.12.13	College
22	One week FDTP on DW and DM	6.12.2013	Anna University- CFD
23	Two days FDP on Open source Lab	16.12.13	IT Department
24	One week workshop on Lab view and Multisim for 2 <sup>nd</sup> year students	11-14-01-2014	ECE Department
25	Inauguration of Anna University QIC	02.02.14	Anna University, Chennai
26	Felicitations to 70 Teachers and 350 Students for 100% Results and 100% attendance	05.03.14	College
27	IEEE-ICAET-2014 & ICIRET-2014	02.05.2014 03.05.2014	IEEE and Journal Conference
28	FDP on People Empowering People	11.12.2014	Faculty Development

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

- The details of prioritized research areas and expertise available with institution are furnished below.

S.No	Prioritized research area	Expertise available
01	Environmental Engineering, farm mechanization, Renewable energy	Dr.R.Karunanithi Professor/Mechanical
02	Robotics, Composite material	Dr.S.Ramabalan Principal/Professor-Mechanical
03	Renewable energy	Dr.M.K.Mishra
04	Computational Chemistry	Dr.K.Kavitha
05	Water quality assessment and monitoring	Dr.S.Ponsadai Lakshmi
06	Crystal Growth	Dr.B.Ravindran
07	Personality Development	Dr.R.Karhti
08	Office Administrative Systems	Prof.B.Saravanakumaran
09	e-Governance	Prof.J.Vanitha
10	Renewable Energy/Non destructive testing	Prof.S.Ramadoss
11	Environmental Engineering	Prof.Mallika
12	Wireless Communication	Prof.R.L.Rekha
13	Energy Conservation	Prof.V.Mohan
14	Mobile Ad-hoc Network	Prof.T.Ganesan
15	Student Monitoring Systems	Prof.M.Chinnadurai

**3.1.8 Enumerate the efforts of the Institution in attracting researchers of eminence to visit the campus and interact with teachers and students.**

- Our college attracts researchers of eminence, academicians and industrial experts to the campus on the occasion of conduct of National and International conferences and Training programmes, launching of Institutional socialresponsibility programmes etc., which offers great opportunity for interaction with teachers and students.
- The visit of eminent scientists, researchers, industrial experts and academicians who visited our campus is presented below,

S.No	Name and Designation of eminent scientists, researchers, academicians	Date of visit	Remarks
01	Dr.Mahesh Sundarajan, Professor	02.05.2011	University of Bohn, Germany
02	Dr.MahenDram Rajagopalan, Professor	03.05.2011	Korean Institute of Technology, Korea
03	Dr.Mahesh Sundarajan, Professor	30.03.2012	BARC, Mumbai
04	Dr. Gopalan Rajaraman, Professor	30.03.2012	IIT, Mumbai
05	Dr.Amsaveni Muruganatham, Professor	31.03.2012	IIT, Mumbai
06	Dr.R.Krishnamoorthy, Dean and Professor	30.03.2013	Anna University, Trichy
07	Dr.Mahesh Sundarajan, Professor	02.05.2014	BARC, Mumbai
08	Dr.Rajaankamuthu, Professor	02.05.2014	IIT, Kanpur
09	Dr.P.Venuvanalingam, Professor	03.05.2014	BARD, Trichy
10	Dr.Kumarappan, Professor	03.05.2014	IEEE MaDras Section
11	Dr.A.Rajasekaran Advisor	09.04.2014	AICTE
12	Dr.D.Mohan Director	02.02.2014	Centre for Faculty Development, Anna University
13	Mr. Dwarakanathan Ex. ( VP R&D )	20.09.2014	Brakes India Limited
14	Mr. Swaminathan Asst. Manager HR		TNQ Books & Journals
15	Mr. B.G.Venkatesh Co Founder		Campus Tiger
16	Mr. Prathip Sam Sr. Manager - HR Recruitment		Integra Software Services Pvt Ltd



17	Mr. Karthikeyan Vijayakumar Founder & CEO		Twenty19
18	Mr.Anbuthambi Vice President		ICT Academy of Tamil Nadu

**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?**

- The following faculty members have been permitted to pursue Ph.D programme which has contributed to improve the quality of research and initiate research culture on the campus.

S.No	Name of the Faculty	Dept	Area in which improvement in quality research is expected
1	Mr.B.Saravanakumaran	IT	Optimization Techniques in High Level Synthesis
2	Mr.M.Chinnaduarai	IT	VLSI CAD
3	Mr.S.Ramadoss	Mech	Aloys and Nano Additives
4	Mr.Giftson Samuel	EEE	Power System
5	Mr.S.Krishnamohan	Mech	Composite Material
6	Mr.N.Ramanujam	Mech	Wear Behaviour in Composite Material by Diffusion Bonding
7	Mr.V.Sivaramakrishnan	Mech	Hot deformation Behaviour in Composite Material by Diffusion Bonding
8	Mr.V.Mohan	EEE	Ingineous Pulse Width Modulation
9	Mr.R.Lakshmi Rekha	ECE	Digital Signal Processing
10	Mr.B.Ravindran	S&H	Crystal Growth
11	Mr.R.Anandaraj	EEE	Wireless Networks
12	Mr.R.Rengarajan	Mech	Thermal Energy Stroage System
13	Ms.J.Hemavathy	S&H	Communicative Proficiency
14	MS.J.Jeevamalar	Mech	Manufactuing – EDM Process
15	Mr.N.Murali	IT	VLSI Testing
16	Mr.A.Javed Sultan	IT	Data Mining
17	Mr.Sudhir Shenai	CSE	Cloud Computing
18	Ms.E.Elakiya	CSE	Data Mining
19	Mr.T.Ganesn	CSE	Mobile Ad-hoc Netowork
20	Mr.P.Gurumoorthi	Mech	Corrosion Behaviour
21	Mrs.J.Vanitha	MCA	Image Processing

- All the faculty members are being deputed to attend National and International conferences, faculty development programmes etc which contributes profusely to improve the quality of research and imbibe research culture on the campus.

### **3.1.10 Provide details of the initiatives taken up by the institution in creating awareness/advocating/extension of findings of research of the institution and elsewhere to students and community**

- The details of the initiatives taken up by the institution which have created awareness and extension of research findings to students and community are presented below.

<b>S.No</b>	<b>Initiative taken up by the institution</b>	<b>Remarks</b>
01	Utilization of Renewable Energy	Awareness/Transfer of technology to community
02	E-Governance of student mentoring system/paperless communication systems	Awareness among educational institutions
03	Material testing laboratory	Community Research/Use
04	Development of Green energy campus/ utilization of Renewable Energy	Awareness / Transfer of technology
05	Rainwater Harvesting model	Awareness / Transfer of technology
06	Cloud Infrastructure Campus	Awareness / Transfer of technology
07	Intranet File Sharing Portal	Awareness among educational institutions
08	FOSS Lab (Open Source Lab)	Awareness among educational institutions
09	Designers Domain (Entrepreneur Cell Extension)	Awareness / Transfer of technology
10	E-Learning Portal	Awareness / Transfer of technology

## **3.2 Resource Mobilization for Research**

### **3.2.1 What are the financial provisions made available to support faculty and students research projects?**

- The college has been allotting funds for the viable projects submitted by the faculty members based on the recommendation of the research committee.
  - ✓ A sum of Rs.20.00 lakhs was provided for the project on development of model rain water harvesting system in the campus.
  - ✓ A sum of Rs.10.00 lakhs was provided for project on study on power generation through solar energy wind source in the campus.
  - ✓ A sum of Rs.50, 000/- was provided for the year 2013-2014 to each department to support student research projects.

- The proposals on following projects have been submitted by the faculty seeking financial assistance

S.No	Title of Proposals	Name PI	Name of Co-PI	Funding Agency	Remark
1	Hi-Tech Fishing Boat	Dr. M.K. Mishra	Dr. K. Karunanidhi, S. Ramadoss	DST	Under Process
2	Production of Hybrid Fuel from Natural Resources and its Compatibility for Cooking Tau Model	Dr. M. K. Mishra	Dr. K. Karunanidhi, Dr. S. Ramabalan, Mr.S. Ramadoss, Ms.R. Vallaramathi	MNRE	Under Process
3	Hybrid Cooking Fuel From Natural Resources	Dr. M.K. Mishra	--	AICTE	Under Process
4	Production of Hybrid Fuel from Natural Resources and its Compatibility for Hybrid Vechiles	Dr. M. K. Mishra	Dr. K. Karunanidhi, Dr. S. Ramabalan., Mr. S. Ramodoss,	DST	Under Process
5	Explosive Detector	Dr. M.K. Mishra	Dr. K. Karunanidhi,, Mr.S.Sarvanankumaran, Ms.R.Lakshmi rekha	DRDO, DST	Under Process

- Material testing centre has been established under the control of Civil Engineering department. A sum of Rs 7, 00,000 has been received as testing fees for the 1st four years from different construction industries.
- The institution received a total amount of 21.80 lakhs so far from AICTE, National Bio-diversity authority, TEDA and Anna University as grants for research projects, faculty development programme and staff training programmes.
  - ✓ AICTE – Rs.19.00 lakhs (completed)
  - ✓ NBDA – Rs.0.80 lakhs (completed)
  - ✓ Anna University – Rs.1.00 lakhs (completed)
  - ✓ TEDA– Rs.1.00 lakhs (completed)
- The faculty members are encouraged to submit proposal to different organization for getting sponsored projects and for organizing FDP's and STP's. During the last year the following proposals have been sent to different organizations.
- Dr.S.Ramabalan has sent a proposal for FDP by AICTE.
- Dr.R.Karunanithi has sent a proposal for Establishment of EDC by AICTE
- Prof.M.Chinnadurai has sent a proposal for Modenization of lab in open source environement by AICTE.

- Prof.B.Saravanakumaran has sent a proposal for Grid Computing by CFD, Anna University.

### 3.3 Research Facilities

- College has provided facilities and freedom for doing research activities in each department. Computer with internet facility is provided to the research scholars, faculty members and students.
- Faculty members are encouraged to draw proposals. The policy of the college is that each faculty should have at least one research project.
- College has been providing funds in the budget to each department for carrying out research.
- College has been sanctioning funds for special projects proposed by the faculty members based on the recommendation of the research committee.
- The faculty members who are doing Ph.D are allowed to use the facilities available outside the campus.
- College central library has been subscribing for a total number of 118 National and International journals.
- College has established a digital library under the Nodal centre for Anna University quality improvement cell.

### 3.4 Research Publications and Awards

- The College has been conducting National and International conferences in collaboration with Institute of Electrical and Electronics Engineering (IEEE). Under this facility the research papers presented in the conferences are published in IEEE journal.
- Our Faculty members are also publishing their papers in CiiT and reputed International journals.
- List of research papers published by our faculty members in reputed international journals is presented below.

S.No	Year	Name of the Conference	Collaboration	No.of research Paper Published
01	2011	ICAET-2011	CiiT	20
02	2012	ICAET-2012	Aichi Institute of Technology, Toyoto, Japan and CiiT	25
03		ICAESM-2012	IEEE	15
04	2013	ICRDPET-2013	IEEE	12
05	2014	ICAET-2014	IEEE	13
06		ICIRET-2014	14 International Journals	50

- The particulars of papers published by faculty and students in peer reviewed journals (National/International) are furnished below.

S.No	Name of staff Member	Title of Research Paper	Name of Journal	Publication details
<b>MCA</b>				
01	Mrs. J. Vanitha Mrs. C. Mallika	Brain controlled car for disabled using artificial intelligence	CIIT International journal of Artificial Intelligent Systems and Machine learning	August 2011
02	Mrs. A. Hema	Iris Recognition	CIIT International journal of Biometrics and Bioinformatics	August 2011
03	Mr. P. Arunkumar	Web Services Composition towards an Agent Based and Context Oriented Approach	CIIT International journal of Networking and Communication engineering	July 2011
04	Mr. P. Arunkumar	State-of-the-art invisible watermarking technology within media files	CIIT International journal of Digital image processing	August 2011
05	Mrs. J. Vanitha Mr. P. Arunkumar Mrs. C. Mallika Mrs. A. Hema Ms. K. Durga Mrs. S. Visalatchy	SAAS flavoured cloud computing implementation in Indian universities an Imagineering thought Comparison of scalar images based on compression technique	IEEE xplore	June 2012
06	Ms. K. Durga Mrs. A. Hema	Micro calcification detection using wavelet transform	International Conference on Advances in Engineering and Technology	May 2011
07	Mrs. J. Vanitha Mrs. C. Mallika Mrs. A. Hema Ms. K. Durga Mrs. S. Visalatchy	The study of Pros and Cons of the Cloud Computing	CIIT International journal of Networking and Computing Engineering	July 2012
08	Mr. P. Arunkumar	Voting through mobile using biometric template	CIIT International journal of Biometrics and Bio Informatics	July 2012

		with integration of spatial cloud computing and Data hiding security		
09	Mrs. C. Mallika Mrs. A. Hema Ms. K. Durga Mrs. S. Visalatchy	Comparison of scalar images based on compression technique	IEEE Explore	June 2012
<b>MBA</b>				
06	Dr.R.Karthi, MBA	Challenges faced by tourist in Nagapattinam District: A Statistical Analysis	IJHTS	December 2012
07	Dr.R.Karthi, MBA	An Emperical Study on employees health and Safety at H&R Johnson Lts, Karikal	IEEE	30.03.2013
09		Influence of Online Marketing in the prospective Indian Insurance Industry	IOSR	25.02.14
09	Dr. V.S.Rajakrishnan	Green marketing- Challenges and Opportunities	IEEE	29.03.2012
10	Ms.B.Asha Daisy Ms.P.V.Sornalatha	Assessing The Project risk Management Processes by Using Rules and Project Management Templates	IOSR	25.02.2014
11		Cross Cultural Skills in Management	IOSR	25.02.2014
12	Mr. I. Arul Edison Anthony Raj	A Study on Mid-Career Blues with special reference to Hyundai Motors (I) Ltd., Chennai	IOSR	Jul – Aug 2013
13	Mr. B. Imayavan	Leveraging IT in HR	IOSR	25.02 2014
14		Challenges to HRM	IOSR	25.02 2014
15	Mrs.V.Carolin Julia Pushpam	Cross Cultural Skills	IOSR	25.02.2014

<b>Information Technology</b>				
16	B.Saravanakumaran	Combination of Misuse and Anomaly intrusion Detection Systems	CIIT - International Journal On Data Mining And Knowledge Engg	2011
17	S. Manikandan	Identifying semantic relations between disease and treatment using Machine learning Approach	International Journal on Research and Technology(IJERT)	2013
18	K. Manikanda Kumaran	Identifying semantic relations between disease and treatment using Machine learning Approach	International Journal on Research and Technology(IJERT)	2013
19	S. Manikandan	An Efficient Streaming-Application on Distributed Hybrid Cloud Platforms	International Journal of Advanced Information Science and Technology (IAIST)	2014
20	Suresh. V.M	A Survey to Depict better operating environment to sustain in future	CIIT International Journal of Automation and Autonomous System	2012
21	M. Chinnadurai	Survey on scheduling and allocation of high level synthesis	IJCSES& Digital Library	2011
22	M. Chinnadurai	Recent development in scheduling and allocation of high level synthesis	SPRINGER LNICST	2012
23	B.Saravanakumaran	Optimization Techniques In High Level Synthesis	SPRINGER LNICST	2012
24	S.Lavanya P.Suganya E.Elakiya E.Vijayavani	Improving Security of Password and Classification of Threats emails	IJARCMS	2014

25	E.Vijayavani S.Lavanya P.Suganya E.Elakiya	Emotion Recognition based on MFCC Features using SVM	IJARCMS	2014
26	S.Palanimurugan A.JavedSultan N.Murali V.M.Suresh	Fuzzy Driven data writing techniques for effective prediction	IJARCS	2014
27	S.Palanimurugan A.JavedSultan N.Murali V.M.Suresh	An Efficient and Scalable CAPTHA implementation with no segmentation overhead	IJARCS	2014
<b>EEE</b>				
28	V.Mohan	A smart approach to condition monitoring parameter estimation & execution of WECS using PLC & SCADA technique	CiiT-Automation & Autonomous System	Jul 2013
29	R.Anandaraj	A smart approach to condition monitoring parameter estimation & execution of WECS using PLC & SCADA technique	CiiT-Automation & Autonomous System	Jul 2013
30	K.Krishnaram	Cascaded H Bridge nine level inverter for PV arrays	IJSRET	2013
<b>ECE</b>				
31	R. Lakshmi Rekha	Fuzzy rg-Super IR resolute Mapping	IOSR	2013
32	R. S. Koteeshwari	Voice over IB via Bluetooth /wifi peer to peer	IJEa	2012
33	C. Mathuvanesan	Performance analysis of singularity and	IJERT	2013



		irregular detection in human health monitoring using LIPSHITZ exponent function		
34	M. Nuyhal Srinivasan	Recovery of EMG signal from the mixture of ECG-EMG signal	IJRIT	2014
<b>CSE</b>				
35	T.Ganesan	Optimization of Nano Adhoc on Demand Distance vector routing protocol in MANET	JATIT	2014
36	K. Parkavi	Energy Aware Secure Routing Protocol for MANETS	IJARCCCE	2013
37	S.Mahalakshmi, S.Imavathy	Distributed System Architecture for Gris resource Monitoring and Resource State prediction	CIIT	2012
38	K. Balasubramanian	Data Hiding in Audio signal video signal text, JPEG	IEEE Explore	2012
39	D.M.C.Sekar	Wed Server Load Balancing using SSL Backend forwarding method	IEEE Explore	2012
40	G. Arulselvan, R. Manivannan, R.Senthilnayaki, K. Balasubramanian	Weakness recognition in network using ACO and mobile agents	IEEE Explore	2012
41	G. Arulselvan	Innovative e-commerce project observations	IEEE Explore	2012
42	G. Arulselvan	An efficient weighted rule	IEEE Explore	2012

		mining for web logs using systolic tree		
43	G. Arulselvan	Applications of fuzzy logic and artificial neural network for solving real world problem	IEEE Explore	2012
44	G. Arulselvan, R. Manivannan, I.Arul Sahaya Mari, K.Kalaivani	Service Categorization and Admission Control in Enterprise Web Services Using Capacity Distribution Algorithm	CIIT	2011
45	I.Arul Sahaya Mari, K.Kalaivani, M.Rammuruli	Dynamic Routing and Agent Technology Based Security Enhanced Data Delivery with Public Key Cryptography	CIIT	2011
46	N. Murali and K. Kumaran	A Scalable Overlay Multicast Architecture for Large-Scale Applications	CIIT	2011
47	T. Sowkarthika	Security Issues and Milestones in Cloud Infrastructure	CIIT	2011
48	S.Mahalakshmi, S.Imavathy	Storing and Indexing Spatial Data in P2P	CIIT	2011
49	Dr.B. Ravindran	Thermal, UV and FTIR spectroscopic Studies in Mercury cinnamates	Asian Journal of Chemistry	2011
50		Growth and Characterization of Cinnamic acid-Urea single crystal	Journal of Thermal Analysis and Calorimetry	2011
51		Thermal, FTIR and microhardness studies of bistiourea-urea single cristan	Journal of Thermal Analysis and Calorimetry	2011

52	Dr.B. Ravindran	The growth and characterization of metal organic crystal, potassium thiourea thiocynaide	Journal of Thermal Analysis and Calorimetry	2011
53		Synthesis and Characterization of some crystals of thiourea urea zinc chloride	Journal of Thermal Analysis and Calorimetry	2011
54		Nucleation Kinnetics of a new nonlinear optical crystal	Journal of Thermal Analysis and Calorimetry	2011
55	Dr.B.Ravindran	Thermal and FTIR spectral Studies in various proportions of urea thiourea mixed crystal	Journal of Thermal Analysis and Calorimetry	2011
56		Growth and Characterization of trio thiourea Chromium (III) sulphate	Journal of Thermal Analysis and Calorimetry	2012
57		Inveestiation of the growth and Characterization of nonlinear optical single crystal of bisthiourea iron (II) sulphate	Journal of Thermal Analysis and Calorimetry	2012
58		Thermal Analysis, Effect of dopant and Spectral characterization of cinnamic acid crystal	G.J.P & A Sc and Tech	2013
59	P. Jamuna Devi	A Statistical Analysis on People working in matchbox industry-Kovilpatti	Journal of Applied and pure mathematics	2012
60		Decision making on to reduce burden on principalities	IOSR	2014

61	A.R. Deepa	Fuzzy semi-pre-generalized super closed sets	IOSR	2013
62	B. Ambiga	Fuzzy semi-pre-generalized super closed sets	IOSR	2013
63	C. Gopi	Synthesis, Characterization and Anti-betic activity of 1,3,5-triaryl-2-prazolines in acetic acid solution under Ultrasound Irradiation	International Letters of Chemistry, Physics and Astronomy	2013
64	C. Gopi	Green synthesis and antibacterial evaluation of some 2-pyrazoline derivatives	International Journal of Advanced Chemistry	2014
65	Dr.K. Kavitha	Cationic Vs Anionic Mechanism for 1,3-dipolar additions	JPC	2012
66		Synthesis, Characterization and Anti Microbial Activity of Some Heterocyclic Ketone Thiosemicarbazones	Advanced Chemistry Letters	2013
67		Effect of Pottasium Nitrate ( $\text{KNO}_3$ ) ON the growth, spectral, thermal, mechanical, shg efficiency and powered XRD properties of L-Valine Single Crystal	Advanced Chemistry Letters	2013
68		Synthesis, Growth and Characterization of L-Alanine	Journal of thermal analysis and calorimetry	2013

		Potassium Nitrate – A potential non linear optical material		
69	Dr.S.Ponsadailakshmi	Physico Chemical Analysis of Ground Water of Selected Area in Mayiladuthurai City (Tamilnadu), India	An International Journal of Chemistry	2014
70		Thermal, UV, FTIR, and XRD studies of urinary stone	Journal of Thermal Analysis and Calorimetry	2014
71		Epidemlogy of kidney stones-an attempt to discuss in terms of Mathematical Epidemic Modelling	International Journal of Chemistry, Environment and Technology	2014
72	Dr.M.K.Mishra	Fuzzy delta super connectedness	Journal of Multidisiplinary eJournal	2014
73		Fuzzy g-super continious Mappings	International Journal of Innovative Technology and Reasearch	
74		Desgning of Hi- Tech Fishing Boats	International Journal of Marine engineering	
77	K.Ramadoss	Experimental Investigation of Performance and Emission Charaterstics by different exhaust gas Recirulation methods used in diesel engine	Global Journal of Researchers in Engineering	2013
78		A survey of Sewage water recovery process by Tire:Potential methodology in	International Journal of Science and Research	2013

79	K.Ramadoss	Performance characteristics of Diesel engine fuelled with the blends of Diesel-Biodiesel ethonal.	International Journal of Scientific & Engineering Research	2013
80		Experimental Investigation of Biodiesel fuelled variable C.I Engine	AIIS Journal Current development in Mechanical Engineering	2013
81	C.Manikandan	Numerical Simulation of flow inside the square cavity	International Journal of Technical Research and Applications	2014
82		A comparative analysis of convetional building vs proposed green building by energy modeling	International Journal of Mechanical Engineering and Material Sciences	2012

- Awards / Recognition

- ✓ Dr.R.Karunanithi, Professor, Mechanical Engineering has been inducted as fellow of Institution of Engineers (F.I.E). He is Co-guide for 4 Ph.D Scholars.
- ✓ Dr.S.Ramabalan has specialization in Robotics. He has been recognized by Anna University as a Research guide. He has been guiding 2 Ph.D Scholars.
- ✓ Dr.K.Kavitha has specialization in Computational Chemistry. She has been recognized by Bharathidhasan University as a Research guide. He has been guiding 3 Ph.D Scholars.
- ✓ Dr.M.K.Mishra has specialization in Mathematical Modeling and Energy System.He has been guiding 2 Ph.D Scholars.
- ✓ Dr. R. Karunanithi and Dr. B. Ravindran are acting as co guides for 10 Ph. D and M. Phil Scholars.

### 3.5 Consultancy

- The college has rapport with the public sector undertaking of Chennai Petroleum Corporation Limited (CPCL) and oil and National Gas commission (ONGC).
- ONGC sanctioned a sum of Rs. 5.00 lakhs for strengthening the college library.
- Dr.R.Karunanithi, Professor of Mechanical Engineering offered consultancy services to M/S Kothari Sugar Industries, Trichy and M/S L.C.T Industries, Coimbatore for the development of whole sugarcane harvester in collaboration with a Chinese firm.
- The Material Testing Centre has rapport with the following Industries. The particulars of tests carried out for the industries are furnished below.

<b>Name of Contact Industries</b>	<b>Consultancy Offered / Test Conducted</b>	<b>Fees Charged</b>
Engineering consultancy, Narimanam	20mm & 40mm coarse aggregate, cube test	10200
Rotmax Engineering Enterprises Private limited	cube (39)	9750
K. Mohan, Neyveli, ONGC	cube (06)	1500
Rotmax Engineering Enterprises Private limited	cube (08)	2250
MARG, Karaikal	steel (01)	3000
ONGC, Karaikal	steel (03)	6000
Thiyagarajan, ONGC, Karaikal	cube test (03)	900
Uthirapathy, ONGC, Karaikal	cube (03), steel (01)	2900
Kaliyaperumal, Thiruvarur	cube (03), steel (02)	4900
RTS Ready Mix	sand (01), aggregate (02)	3000
Uthirapathy, ONGC, Karaikal	cube test (02), steel (01)	3800
Govindarajan, ONGC, Karaikal	bitumen (01)	2500
M. Saravanan	bitumen (03)	7500
G. Mary, DRDA	bitumen (03)	7500
WS Industries & Projects (P) Ltd	cube test (02)	1800
R. Banumathi	bitumen (04)	10000
Uthirapathy, ONGC, Karaikal	cube test (01)	900
BDO, Nannilam	bitumen (06)	15100
P. Kannan, Thiruthuraipoondi	bitumen (02)	5000
R.G. Kumar, Mannaugudi	bitumen (08)	20000
Valangaimaan, Block Development Office	bitumen (03)	7500
BDO, Muthupettai	bitumen (02)	5000
Uthirapathy, ONGC, Karaikal	cube test (01)	900
Uthirapathy, ONGC, Karaikal	cube test (01)	900
Periyasamy, ONGC	steel (02)	4000
DRDA, Thiruvarur	bitumen (06)	15000

RTS Ready Mix	cube test (04)	3600
M. Pakirisamy,PWD, Thiruvrur	steel (06), cement	13000
Thiyagarajan, ONGC, Karaikal	cube test (02)	1800
Uthirapathy, ONGC, Karaikal	coarse aggregate	1000
Elanchelian, ONGC, Karaikal	brick (01)	2500
Muruganandam DRDA, Thiruvarur	bitumen (03)	7500
Karthi, CPCL	core cutter (soil)	1000
Graffitee Construction	cube test (05)	4500
TWAD Board, Nagai	cube test (02)	1800
Sri Balaji Builders, Nagai	cube test (04), steel (01), sand (01), coarse agg (02)	8600
DRDA, Thiruvarur	bitumen (04)	10000
DRDA, Thiruvarur	bitumen (03)	7500
ARIO, Ganesan	soil-Proctor compaction	3000
ARIO, Kasirajan	soil-Proctor compaction	6000
DRDA, Thiruvarur	bitumen (06)	15000
CPCL	cube test (06)	5400
Govindarajan, ONGC, Karaikal	cube test (01)	900
DRDA, Thiruvarur	cube test (08), bitumen (02)	12200
Thiyagarajan, ONGC, Karaikal	cube test (02)	1800
DRDA, Thiruvarur	bitumen (02)	5000
Muruganandam DRDA, Thiruvarur	cube test (05), steel (07)	18500
Kaliyaperumal, Thiruvarur	steel (05)	10000
Delco Construction	cube test (01)	900
Balaji construction	cube test (02)	1800
DRDA, Thiruvarur	cube test (01)	900
Salya Construction	cube test (01)	900
Thiyagarajan, ONGC, Karaikal	cube test (01)	900
Delta Engineering Enterprises	bitumen (01)	2500
Selvaraj, ONGC	cube test (02)	1800
Selvaraj, ONGC	steel (01)	2000
Delco Construction	cube test (01)	900
Sri Venkatachalapathy builders,	cube test (03)	2700
Nandha Construction	cube test (02)	1800
Sankar Construction	sand (01), brick (01)	3500
Durga Construction	steel (01)	2000
ONGC	cube test (03)	2700
Delta Engineering Enterprises	cube test (08)	7200
Balaji construction	steel (01)	2000
Delco Construction	cube test (01)	900
Sri Venkatachalapathy builders, Nagai	cube test (04)	3600



Gayathri Consultancy	cube test (05)	4500
Chinnappan, ONGC	cube test (04)	3600
Gayathri Consultancy	cube test (05)	4500
TGDC, Thiruvarur	Soil-Proctor compaction, Bearing capacity, core cutter	23000
Queen Hotel, Velankanni	cube test (01)	900

### 3.6 Extension activities and Institutional Social Responsibility

- The college played important role during the disaster caused by Tsunami in the Nagapattinam coast. The role of students and staff was appreciated by all.
- The college provided shelter for the people affected by Tsunami for 3 months based on the request of District Authorities.
- The college has rapport with voluntary organizations like Rotary club, Lions club etc and several projects on youth development have been launched inside and outside campus.
- The college has been helping the Thethi village panchayat (in which the college is located) in the development of the village and its people. Provision of Drinking water facility, Laying of roads, Equipping the elementary school, Organizing health camps etc are some of the Major activities carried out by the college.
- The students of our college are regularly donating blood to save hundreds of poor people of Nagapattinam region.
- Every year more than 200 students and faculty members are donating the blood through NSS Scheme and Lions Club.
- Every year on the Founders Day (2<sup>nd</sup> January) the college is organizing programme on Free Eye Testing, Tree Planting campaign and Feeding the poor. For this purpose a sum of Rs.3.00 lakhs is incurred every year.
- The District Authorities and the people of Nagapattinam district have been appreciating our college for its involvement in fulfilling its social responsibility. Recently the District collector arranged a special function to felicitate our management for its service to the students of 200 High Schools of Nagapattinam.
- College organized a special programme for organ donation and 3000 Students and Staff volunteered to register for donating their organs.
- The particulars of Institutional social activities carried out with help of the students and NSS volunteers are furnished below.

S NO	DATE	ACTIVITY	REMARKS
1	12-01-2010	Tree Saplings – Awareness Campaign on Global Warming	Ariya Nattu Street, Nagore by MCA Students
2	01-03-2011	One Day awareness	Awareness of Natural Fertilizer given

		program on natural Fertilizer	by MCA Students
3	28-05-2013	Renewable energy awareness program	Nearly 100 students participated in this program.
4	05-06-2013	World environment day	Our NSS volunteers organized world environment day rally programme at Thethi village.
5	25-07-2013	Cleaning work at college Road.	50 NSS volunteers completed the road cleaning work at vadakudi.
6	12-08-2013	Speech & Essay competition	50 NSS students participated in this competition
7	15-08-2013	Independence day celebration	Our college NSS unit celebrated independence day.
8	20-08-2013	Sadbhavana day (Rally & Pledge)	Rally & pledge organized by our NSS unit. 50 NSS volunteers participated in this program.
9	05-09-2013	Teachers day celebration	Teachers 'day celebration was conducted by our NSS unit.
10	10-09-2013	Road cleaning work	40 NSS volunteers completed the road cleaning work at thethi village.
11	22-09-2013	Cancer awareness day rally program	Rally organized by our NSS unit. 50 NSS volunteers are participated in this program.
12	24-09- 2013	NSS day (motivation program)	Motivation program is conducted for our NSS students (100 students are participated in this program.
13	01-10-2013	National blood donation day (awareness program)	Rally organized by our NSS unit. 50 NSS volunteers participated in this program.
14	02-10-2013	Gandhi jayanthi day celebration.	Our college NSS unit celebrated gandhi jayanthi day. Our.
15	10-10-2013	Campaign on prevention of usage of plastic bags	50 NSS volunteers participated during Ayudha pooja function
16	13-10-2013	Voters' day speech, essay, Drawing competition.	40 NSS volunteers participated in this program.
17	23-10-2013	Voters awareness rally program	Nearly 100 NSS volunteers participated in this program.
18	24-10-2013	Students motivation program(NSS day)	Student's motivation program conducted at our college.
19	26-10-2013	Consumer awareness program	Consumer awareness rally program conducted at thethy village.
20	05-12-2013	Blood donation camp	200 students participated in this

			program. Nagapattinam blood donation center -Govt Hospital Dr . Gnana Sudari participated
21	17-12-2013	Vigilance awareness program	Nearly 100 NSS volunteers participated.
22	31-12-2013	Campus cleaning	50 NSS volunteers did the road cleaning work at Thethi village.
23	02-01-2014	Founder's day celebration	Tree plantation, Blood donation, Free testing of eyes/issue of spectacles, Feeding the poor, Herbal plants awareness.
24	02-01-2014	Road safety program	30 NSS volunteers organized road safety rally programme
25	05-01-2014	Road safety awareness program.	30 NSS volunteers organized Rally on road safety. RTO presided
26	08-01-2014	Plastic awareness program	45 volunteers organized the plastic awareness programme at Vadakudi Village.
27	09-01-2014	Campus cleaning work	Nearly 100 NSS volunteers cleaned the college campus
28	11-01-2014	National consumer day	NSS unit celebrated National consumer day programme at Egspec college.
29	20-01-2014	National voters day celebration	National voters' day celebrated at our college campus.
30	22-01-2014	Rally on voters day awareness program	Rally on voters awareness program at Nagore to ADJ Polytechnic Nagapattinam
31	26-01-2014	Republic day celebration	Our college NSS unit celebrated the republic day. Our college principal presided over the function and hoisted the national flag.
32	19-02-2014 to 25-02-2014	NSS special camp .	NSS special camp programme was conducted at Vadakudi village-nagapattinam.
33	08-03-2014	Women's day celebration	Our college NSS unit involved in the women's day celebration at Egspec.
34	21-03-2014	World water day	Awareness rally program conducted at Thethi village.
35	13-08-2014	One Day Awareness Program on "Destroying of Karuvelan Trees"	Awareness given to each family in Thethi Village
36	15-08-2014	Independence day celebration	Our college NSS unit celebrated independence day.

37	20-09-2014	HR Conclave	Regional Level HR Conclave NSS unit cooperate the activities.
38	30-09-2014	Saraswathi Pooja Celebration.	Our college NSS unit celebrated Saraswathi Pooja in Department.
39	02-10-2014	Gandhi jayanthi day celebration.	Our college NSS unit celebrated gandhi jayanthi day.
40	02-01-2015	Founder's day celebration	Tree plantation, Blood donation, Free testing of eyes/issue of spectacles, Feeding the poor, Herbal plants awareness.

The students have been trained and empowered in different social aspects and they are motivated to become respected citizen of India. The following are the outcomes of the above mentioned social programme.

- ✓ Sensitization of rural situation
- ✓ Tendency to help poor and needy
- ✓ Inculcation of duty, decorum, discipline, dignity of labour, patriotism and social service.
- ✓ Exposure on Disaster management, Road Safety.
- ✓ Studies on Environmental Protection, Natural Resources and Renewable Energy.

### 3.7 Collaborations:

#### 3.7.1 Details of MOUs/Collaborative arrangements with institution of National importance/industries are furnished in the table.

- The particulars of MOUs/Collaborative arrangements with institution of National importance/ industries are furnished in the table below.

S.No	Company Name	Purpose/Product	Year	Membership Period
01	Micro Genesis	<b>IBM Rational Suite:</b> For CSE, IT and MCA departments CASE tools, OOAD and Software development Labs Product Name: 1. Rational Rose 2. Rational Software Architect	2013	Life Time
02	ICT Academy of Tamilnadu	Students and Faculty Development Programmes, Workshops, Conferences etc.,	2014	Life Time

03	LinuXpert System, Chennai	Open Source Lab (FOSS Lab Server)	2014	Life Time
04	CISCO Academy	CCNA Courses for Staff and Students	2005	Life Time
05	EMC Acaemic Associate	10 faculties and 100 students trained and received academic associate in Cloud Infrastrcture and Services	2014	Life Time
06	Oracle Academy	50 students trained in Programming in MySQL	2014	Life Time
07	Lakshmi Vilas Bank, Nagapattinam	Guest Lecture Management Skill Training for students to become entrepreneurs	2014	Life Time
08	APKS oil industry, Coimbatore	Consultancy WorkIndustrial Visit	2014	Life Time
09	IMeditaSolutions Pvt Ltd	Employability skills	2015	Life Time
10	BSK Consultant		2015	Life Time
11	Bootcamp Consultant		2015	Life Time
12	Keymind Tech		2015	Life Time
13	Praveen Institute of Radiation Technology, Chennai.	Students Training & Certification	2014	Life Time
14	K. V.Samy Auto Works Ambaganathur	Consultancy Work (2013-14)	2014	2013-14
15	Kumar Tools & Dies, Chennai	Consultancy Work (2013-14)	2014	2013-14
16	Radha Plastic Kote Industries, Karaikal	Consultancy Work (2013-14)	2014	2013-14
17	Murugan Industries, Erode	Consultancy Work (2013-14)	2014	2013-14
18	Ram Tech Industry, Chennai	Consultancy Work (2013-14)	2014	2013-14
19	Ganesh Agrofarm Ltd, Pulivalam	Consultancy Work (2013-14)	2014	2013-14
20	Air Design Engineerd Solution, Chennai	Consultancy Work (2013-14)	2014	2013-14
21	Project Work Ltd, Tharangambadi	Consultancy Work (2013-14)	2014	2013-14
22	P.N.R Ice Plant, Poombukar	Consultancy Work (2013-14)	2014	2013-14
23	Parvatham Trader, Nagapattinam	Consultancy Work (2013-14)	2014	2013-14
24	Arjun Technology (I) Ltd, Chennai	Consultancy Work (2013-14)	2014	2013-14
25	Venkatanarayana Steel Ltd	Consultancy Work (2013-14)	2014	2013-14
26	ETA	Consultancy Work (2013-14)	2014	2013-14

	Refrigeration,pondicherry			
27	Mercury Manufacturing Pvt. Ltd.Thiruvapur	Consultancy Work (2013-14)	2014	2013-14
28	KVR ICE Plant	Consultancy Work (2013-14)	2014	2013-14
29	ETA Refrigeration	Consultancy Work (2013-14)	2014	2013-14
30	Esten Engineering Pvt Ltd,Chennai.	Consultancy Work (2013-14)	2014	2013-14
31	HOV Services, Chennai	Consultancy Work (2013-14)	2014	2013-14
32	Kalvi Institute	Certification Courses	2015	Life Time

**3.7.2 Details of industry-institution-community interaction that have contributed to the establishment of creation/upgrading of academic facilities, students and staff support, infrastructure facilities.**

- The linkage developed by the college with public sector undertaking viz Oil and Natural Gas Commission and Chennai Petroleum Corporation Ltd have resulted in upgradation of student and staff support and library.
- The interaction with P.S.U has contributed the following facilities.
  - ✓ ONGC sanctioned Rs.5.00 lakhs for strengthening our college library
  - ✓ ONGC and CPCL support the conduct of National and International Conferences.
- The staff of CPCL visits MBA Department for delivering Guest Lectures.
- The staff of our college visit CPCL/ONGC as resource persons during the training programmes
- So far, 300 Students got on line training and got certification under CISCO Systems, USA.
- 10 faculty members and 100 students received International Certification on Academic Associate Cloud Infrastructure and Services from EMC Corporation, USA.
- 25 faculty members from our Institution attended training under IBM Rational Suite, Bangalore and received Certificates.
- 50 faculty members and 200 Students got trained by Linuxpert System, Chennai on “Open Source Software” and got Certificates.
- 50 students trained Programming in MySQL by Oracle Academy through Webinar.
- 20 Programmes hosted in campus through ICTACT.

- Final year students of CSE and IT were trained on Web design and Maintenance of Websites regularly under the program offered by AES Technologies, Coimbatore.

#### ICT Academy of Tamil Nadu – 2014 - 2015 Activities (Industry – Institution)

S.No	Date	Name of the Event	Resource Person/Coordinator	Participants	Remarks
01	January 2014	ICTACT Chennai Submit	Institution Sponsored	--	Pen Sponsored
02	February 2014	FDP on Cloud Infrastructure and Services	EMC	Mr.S.Manikandan,AP/IT Mr.S.Palanimurugan,AP/IT Mr.J.Noorul Ameen,AP/CSE	EMC Academic Associate
03	June 2014	FDP on Storage Management	EMC	Ms.P.Suganya,AP/IT Ms.S.Lavanya,AP/IT Ms.E.Vijayavani,AP/IT Ms.E.Elakkiya,AP/CSE	Certification
04	June 2014	FDP on Digital Communication	National Instruments	Ms.R.SKottesswari,AP/ECE Ms.Durgadevi,AP/ECE	Certification
05	June 2014	Value added Course on Infrastructure and Services	Mr.S.Manikandan,AP/IT Mr.S.Palanimurugan,AP/IT Mr.J.Noorul Ameen,AP/CSE	150 students from CSE,IT,MCA and ECE	Student Event
06	July 2014	Two days on Infrastructure and Services	Mr.Benhar Chalres ICT Academy of Tamil Nadu	150 students from CSE,IT,MCA and ECE	Hands-On Workshop
07	August 2014	ICTACT Trichy Submit	Institution Sponsored	--	Associate Sponsor
08		ICTACT Youth Talk	ICTACT	Ms.Manimala,IV IT Ms.Brindha,IV EEE	Participation
09		ICTACT Youth Present	ICTACT	Ms.B.Adithya,IV IT	Participation
10	September 2014	HR Conclave	Experts from Industries	750 students from Inter-Intra colleges	Carrier Guidance
11	November 2014	FDP on PHP and MySQL	ICTACT	Mr.S.Manikandan,AP/IT Mr.S.Palanimurugan,AP/IT	Certification
12		FDP on Cloud Infrastructure and Services	EMC	Mr.Sudhir Shenai,AP/CSE Mr.S.Aravindhan,AP/CSE Mr.S.Praveen Kumar,AP/CSE Mr.Rajakumaran,AP/CSE	EMC Academic Associate

13	December 2014	FDP on Introduction to People Empowering People	ICTACT	Mr.Dhakshinamoorthy	ICTACT
14		Reorientation Programme – Big Data Analytics	ICTACT	Mr.S.Manikandan,AP/IT Mr.S.Palanimurugan,AP/IT	ICTACT
15		Value Added Course and EMC Online Test	EMC Academic Associate Cloud Infrastrcuture and Services	Mr.S.Manikandan,AP/IT Mr.S.Palanimurugan,AP/IT Mr.J.Noorul Ameen,AP/CSE	ICTACT
16	February 2015	EMC Submit	ICTACT	Prof.M.Chinnadurai, HoD/IT Mr.S.Manikandan,AP/IT Mr.S.Palanimurugan,AP/IT	Academic Game Changer Award
17		ICTACT Submit	ICTACT	10 faculties from EGSPEC	ICTACT - Industry

- Our college has developed contact with software companies to facilitate student placement. These organizations are visiting our campus regularly to recruit the students for their job requirements. The particulars of such companies who visited our campus to recruit the students during the last 3 years are presented below.

S.No	Name of the Company
01	CTZ, Chennai
02	Sathyam Computers, Chennai
03	Tata Consultancy Services, Chennai
04	Sutherland Global Service, Chennai
05	Agila Programmers Private Ltd, Chennai
06	Crux Technologies, Chennai
07	The Legend technology services, Coimbatore
08	Elyzian Software India Pvt Ltd., Coimbatore
09	Access Foundations
10	GKS Technology Chennai
11	Yuvabhumi Engg. Division Chennai
12	HCL BSERVE
13	ALCATEL LUCENT
14	Eureka Forbes
15	Precision Engineering
16	I-Led
17	C-Cubed solutions
18	Ariyan IT solutions
19	Shri Star BPO



20	Zeka Technology
21	Netambit
22	Fortuna Engineering
23	Brand Source Technologies
24	Avalon Technologies
25	Cognizant Technologies
26	RELIANCE COMMUNICATION
27	London School of Bussiness
28	RAJASRI Systems
29	KHIVRAJ Motors
30	GKAR Engineering
31	SHRDI STAR BPO
32	Adhitya Trading solutions
33	VINAYAK INFOTECH Pvt Ltd
34	Tata Consultancy Services (TCS)
35	TECH MAHINDRA
36	India Infoline (IIFL)
37	Metech
38	Redwan Technology
39	6soft Technologies
40	Popular Vehicles
41	Duorays
42	Vintage Properties
43	Manish Gas Ltd
44	Simtech
45	Nuva Tech
46	GBL Constructions
47	SPCL
48	L &T ECL
49	HCL Technologies (Bserve)
50	Wipro Technologies
51	Fony Technologies

- The particulars of inplant training, industrial visits and project work carried out by the students for the last 3 years are furnished below.

S.No	Particulars of Industrial Visits/Project Work/Inplant Training	Name of the Industry
02	A Study on Employees Welfare Measures	MARG Port
03	A Study on employee's absenteeism	SRF Technical Textiles, Viralimalai
04	A study on Employee Retention	Baby Engineering Pvt Ltd
05	A Study on Training & Development	IOB at Chennai
06	A study on Employee retention Strategies	Oceanic Edibles International

		Ltd
07	A study on Effectiveness of Performance Appraisal System	ONGC Ltd
08	A study on Employee welfare measures	Kiran Global Ltd
09	A study on Employee Satisfaction at the various stages of Employee Life cycle	Vecons Energy System Pvt Ltd
10	A study on Industrial Relations	Ferrari Shoes Pvt Ltd
11	A study on Work life Balance	RKN Praveen Chem Ltd
12	A Study on Risk and Returns	Amrutanjan Company Limited, Chennai
13	A Study on Stress Management	Olympus Premedia Ltd., Chennai
14	A study on Training and Development	LNT Pvt Ltd
15	A study on Quality of work life	Cottony Fashion
16	A study on Employee safety and welfare measures	RKN Praveen Chem Industry at Vanjore
17	A study on Quality of work life	Oceanic Edibles International Ltd
18	A study on Effectiveness of training	Simpson Co Ltd., Chennai
19	A Study on Employee Satisfaction	Future Value Retails at Chennai
20	A Study on Financial Planning & Forecasting	IOB at Chennai
21	A study on Employee Retention	Baby Engineering Pvt Ltd
22	A Study on Financial Planning & Forecasting	IDPL at Chennai
23	A study on Workplace environment	Ferrari Shoes (India) Pvt Ltd
24	A study on Effectiveness of training on employees	Sakthi Sugar Pvt Ltd
25	A Comparative study on Non-performing assets and credit management	Lakshmi Vilas Bank Ltd – Tiruvarur
26	A study on Effectiveness of Grievance handling Mechanism	BEPL
27	A study on Employee Engagement in	CPCL
28	A study on Overall Financial Performance	Metal Engineering Ltd
29	A study on Effectiveness of Performance Appraisal	Kiran Global Ltd
30	A study on Work life Balance	RKN Praveen Chem Ltd
31	A study on employee health and safety Measures	Indo Shell Cast Pvt Ltd.Coimbatore
32	A study on Knowledge Management	Vecons Energy System Pvt Ltd at Trichy
33	A study on employee training effectiveness	I Tech Peoples
34	A study on grievance handling mechanism	CPCL at Panangudi
35	A Study on Employee Satisfaction	Future Value Retails at Chennai
36	A study on Career management	GEM

37	A study on employee engagement	Indo Company Ltd Coimbatore
38	A study on Employee stress at place	Thanjavur Spinning Mill Ltd Thanjavur
39	A study on Labour Welfare measures	Pure & Pure aqua food at Trichy
40	A study on Performance Appraisal	Best Cast IT Ltd
41	A study on Employee retention towards	Veasons Energy System Pvt Ltd at Trichy
42	A study on Stress Management	employees Mark port at Karaikal
43	A study on Efficiency of Branch Internal Auditing	ING Vysya Bank Chennai
45	Material Testing / Consultancy	BDO, Muthupettai
46		ONGC, Karaikal
47	A study of Java Programming	HCL and Uniq Technologies
48	Onsite Seminar – Analog Digital Communication, Mobile Computing and Computer Networks	BSNL and All India Radio, Karaikal
48	Industrial Visit - .Net Programming Gaming	UST Global, Cochin

- The research committees motivates all the Heads of departments to consistently include more number of contact industries to facilitate consultancy, students/staff training, industrial visit/student project works etc.

### 3.7.3 Details of National and International conferences organized by the college during the last four years

- The particulars of the National and International conferences organized by the college during the last four years and the names of the eminent scientists/participants who contributed to the events are presented below.

S.No	Name of National/International Conferences	Month/Year	List of eminent Scientists	
			Name	Instiution
01	ICAET-2011	May’2011	Dr.Mahesh Sundarajan	University of Bohn, Germany
			Dr.MahenDram Rajagopalan	Korean Institute of Technology, Korea
02	ICAET-2012	March’2012	Dr.Mahesh Sundarajan	BARC, Mumbai
03	ICAESM-2012		Dr. Gopalan Rajaraman	IIT, Mumbai
			Dr.Amsaveni Muruganatham	

04	National Conference on non conventional energy	May'2012	Dr.Ramanathan, Annamalai University	TEDA and Dept of Mech
04	ICRDPET-2013	March'2013	Dr.R.Krishnamoorthy	Anna University, Trichy
05	National conference on latest trends on CSE	May'2013	Dr.R.Aramuthan	PKIET, Karaikal
06	STP on Personality Development Programme on Engineering and Management		Dr.K.Balasubramaniyan	HR Consultant, Thanjavur
07	ICAET-2014	May'2014	Dr.Mahesh Sundarajan	BARC, Mumbai
			Dr.Rajaankamuthu	IIT, Kanpur
08	ICIRET-2014		Dr.P.Venuvanalingam	BARD, Trichy
			Dr.Kumarappan	IEEE MaDras Section

#### 5.4. 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?

Our college was started in the year 1995 and it is the most preferred college in this region. From the inception of the college, the infrastructure and other facilities have been either newly created or enlarged every year depending on the new courses added, increase in intake and as per the norms and standards prescribed by the AICTE and Anna University.

- The following infrastructure facilities are available at present.

S.No	Name of the Block	Department/ Department housed	Remarks
01	Mechanical Engineering	Department of Mechanical Engineering	The block was constructed during 1993-1995
02	PG Block	MBA and MCA	The block was constructed during 1998-2000
03	GG Block	CSE, IT and I <sup>st</sup> Year	The block was constructed during 2004-2008
04	SJ Block	EEE and ECE	The block was constructed during 13-14

05	Jothimani Hostel (Boys)	Boys Hostel	The block was constructed during 1993-1995
06	Jothimani Hostel (Girls)	Girls Hostel	The block was constructed during 1993-1995
07	Workshop Complex	Workshop of Mechanical Engineering Department	The block was constructed during 1993-1995
08	Lab Complex	Civil Engineering Department, Manufacturing Engineering Workshop, Thermal Labs, EEE and ECE Departments Lab	The block was constructed during 1995-1996
09	Students Cafeteria, Staff Cafeteria, Book Shop	Cafeteria, Book Shop	The block was constructed during 1995-1996
10	Lakshmi VilasBank	Bank's Extension Counter	The block was constructed during 1995-1996
11	Lakshmi VilasBank ATM Centre	ATM Centre	The building was constructed during 2013
12	Playground	Cricket, Volley ball, Foot ball, Ball Badminton	Facility was created during 1995-1996
13	Auditorium cum Indoor stadium	Auditorium and 2 Badminton courts	Facility was created during 2013-2014
14	College transport department with fleet of 40 Nos of Buses	Transport Department with 40 Buses	Facility was created gradually increased during 2007-2014

The college has the required number of class rooms, depending upon the number of programmes and state-of-the-art laboratories for conducting practical classes as per the curriculum.

Each department has a mini computer centre and Library supported with the Central Computer Centre, Central Library and Digital Library fulfilling the requirements of the AICTE and Anna University.

Auditorium, Conference Hall and Seminar Halls have been created as a common facility. These facilities are upgraded as and when required to meet the needs of the ongoing academic programs.

The college has indoor stadium facility to play Badminton in 6 courts and has required fields for conducting sports and games events.

- We have a strong transport department with a fleet of 40 buses running in 40 routes covering a maximum one way distance of 70 km per day as we have large number of day scholar students (around 1500 students).
- Library and R&D facility are open up to 7.00PM. Students and faculty are given full support and they can use the facilities even during late hours and during holidays on prior permission.

**4.1.2 Does the college have the policy for creation and enhancement of infrastructure in order to promote a good teaching and learning environment?**

- The college has a Master Plan (attached in annexure). The following plans for creation and enhancement of infrastructure are in the anvil to promote a good teaching and learning environment.

S.No	Name of the Infrastructure Project	Approximate Cost Rs. in lakhs	Target for completion
01	Students Cafeteria	200	2016
02	Basket Ball Court	10	2015
03	Civil Engineering Block	500	2016
04	Library Block	500	2017
05	Students Centre	200	2017
06	Guest House	20	2016
07	Workshop Complex Modernization	20	2015
08	Pavilion cum Athletic track	200	2016
09	Vehicles Service Centre	40	2016
<b>Total</b>		<b>1690</b>	

- The construction of SJ block (To house ECE and EEE Departments) was completed and occupied on 02.01.2014. The cost of the building is Rs.10.00 crores.
- The construction of Auditorium cum Indoor stadium was completed in 2013 and was brought in use from 02.01.2014. The cost of the project is Rs.1.00 crore.
- Our college is committed to upgrade and enhance the infrastructural facilities to meet the growing needs of the college to deliver better value for money, enhanced quality of service and increased efficiency.
- The Master Plan consists of the following facilities and future projects

#### **4.1.3 Give details on the residential facility and various provisions available with them.**

##### **Hostel Facility**

Our college has separate hostel for Boys and Girls. The strength of Boys is 80 and that of girls is 70. Each Hostel is provided with common room cum reading room with computers and internet facility.

- The boy's hostel is provided with a gymnasium.
- The indoor games and outdoor games facilities are available at walkable distance within the campus.
- Medical centre with part time Doctor and Nurse is available. Government Hospitals and Private Hospitals with multi specialty facilities are available within 3 kms.

##### **Other Residential Facility**

- Staff quarters accommodating 10 teaching staff and 5 non teaching staff are available.

##### **Common Facility Available on the Campus**

- Students Cafeteria
- Staff Cafeteria
- Stationary Stores
- ATM Centre
- Women Welfare Club
- Counseling and Career Guidance Cell
- Training and Placement Cell
- Conference / Seminar halls
- Safe Drinking Water
- Auditorium
- Indoor Stadium for Badminton
- Playground with Volleyball, Kabadi and Ball badminton courts.

#### **4.2 Library as a Learning Resource**

##### **4.2.1 Does the Library have an Advisory Committee?**

The Library Advisory Committee consists of following members

Chairman

Mr.S.Paramesvaran  
Secretary of the Trust

Secretary	Dr.S.Ramabalan
Member, Nominee of the Faculty	Principal Prof.B.Saravanakumaran
External Member	Assoc.Prof/IT - Registrar Librarian A.V.C College of Engineering Mayiladuthurai
Member	Librarian EGSPEC
Member, Nominees of Students	1. II year student (Boy) 2. III year student (Girl) 3. IV year student (Boy) 4. II year student PG (Girl)

- Based on the recommendation of the Library Advisory Committee, decisions on the following issues are taken.
  - ✓ Purchase of Journals/Books
  - ✓ Digital Library at a cost of Rs 6.00lakh.
  - ✓ Book Bank Scheme for I and II years

#### 4.2.2 Provide the facilities of the Library

- Total Area of the Central Library : 5670 m<sup>2</sup>
- Total Seating Capacity : 100 students
- Working Hours : 08.00AM to 06.00PM (Week days)  
09.00AM to 01.00PM (Before and during examination days and holidays)
- Total No. of Books available : Books :34128 Reference Books:18632
- Total No. of Journals : National:57International:61
- Library Automation :  
Library services are automated using the standard Library Software “Auto Lib”. All the transactions are fully computerized and all the documents are barcoded.
- Computer and Internet Facility  
A total number of 67computers are available in the Digital Library attached with central library.
  - ✓ Internet Facility – Wi-Fi Enabled
  - ✓ Printer: Laser – 01and Dot Matrix - 01
- The Layout the Library of the library is furnished in next page.



**4.2.3 Amount spent on processing new books, journals and e-resources during the last Five years.**

Library Holding	2010 - 2011		2011 – 2012		2012 – 2013		2013 - 2014		2014-2015	
	Nos	Cost*	Nos	Cost*	Nos	Cost*	Nos	Cost*	Nos	Cost*
<b>Text Books&amp; Reference Books</b>	4605	6.23	3375	4.22	2292	3.10	1830	2.47	2100	3.00
<b>Journals/Periodicals</b>	95	3.65	66	2.40	32	1.24	118	3.10	120	3.00
<b>e-Resources</b>	-	-	-	-	3	7.23	-	-	-	0.25
<b>Digital Library</b>	-	-	-	-	-	-	-	5.20	-	-
<b>Total</b>	9.88		6.62		11.57		10.70		6.25	

\* Cost in Rs.lakhs.

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

- Library website : <http://www.egspec.org>
- Internet Band width and Speed: 16Mbps
- Participation in resource sharing networks/consortia:
  - ✓ DELNET
  - ✓ INDEST\_AICTE
  - ✓ NPTEL
  - ✓ Science Direct
  - ✓ IEEE
- Details on Library users:
  - ✓ Average No. of Users : 200 per day
  - ✓ Average No. of books issued / returned : 200 per day
  - ✓ Average No. of Books added during last 3 years
    - Books: Nos: 6690 Rs: 16.73 lakhs
    - Journals: Nos: 118Rs: 8.6 lakhs

**4.2.5 Details on annual Library Budget**

Annual Library Budget

2010 – 2011: Rs. 3.00 lakhs

2011 – 2012: Rs. 3.00 lakhs

2012 – 2013: Rs. 12.50 lakhs

2013 – 2014: Rs. 6.00 lakhs

2014 – 2015: Rs. 12.00 lakhs

#### 4.2.6 How does the Library get feed back from its users?

- Suggestion box is provide in the Library
- Complaint Register is provided in the Library
- Library advisory committee has representation from students community

#### 4.3 I.T Infrastructure

##### 4.3.1 Give details of the Computing facilities (Hardware and Software)

- Number of systems with configuration: 805
- Computer - Student Ratio: 1:2 (UG) and 1:1 (PG)
- Location of Computers

S.No	Name of the Location	Number of Available
01	Mechanical	74
02	CSE	134
03	ECE	73
04	EEE	75
05	IT	60
06	Civil	60
07	MBA	60
08	MCA	73
09	Computer Centre	90
10	Library/Digital Library	30
11	Communication Skills Lab	72
12	Hostels	04
<b>Total</b>		<b>805</b>

- The institution has leased line LAN connection and all machines connected with centralized server. Also using blade server for managing file transfer application through that communicating our data.
- The institution has Relainance Wi-Fi connectivity and all the blocks connected with server. Through that students can sit in one place and access various resources.

##### 4.3.2 Provision made in the annual budget for procurement, upgradation, deployment and maintenance of the computers and their accessories in the last four years?

- Details of expenditure incurred towards procurement, upgradation, deployment and maintenance of the computer and their accessories in the institution during the last four years are furnished below.

S.No	Year	Expenditure incurred Rs. in lakhs	Remarks
01	2011-12	23,50,000	100 nos of computers (Lenovo)
02	2012-13	29,32,500	115 nos of computers (Dell)
03	2013-14	29,00,000	100 nos of computers (HP)
04	2014-15	13,90,000	50 nos of computers (HP)

#### 4.3.3 Details of Software are available in the College.

The list of software's available in the college is furnished below.

S.No	Software Description	Department	Semester	Cost
01	TurboC++, Ms-Office	All First year	I Sem	FW
02	Fedora 20	All First year	II Sem	F
03	TurboC++	CSE	III Sem	F
04	Fedora 20	CSE	IV Sem	F
05	Visual Basic 6.0, Java, Oracle 11g	CSE	V Sem	FW
06	TurboC++,J2SDK, Fedora20	CSE	VI Sem	F
07	J2SDK, Apache Tomcat	CSE	VI Sem	F
08	Fedora 20	M.E - CSE	I Sem	F
09	TurboC++	M.E - CSE	I Sem	F
10	Fedora20, Java	M.E - CSE	II Sem	F
11	Visual Basic 6.0, Java, Oracle 11g	IT	III Sem	FW
12	Matlab	IT	III Sem	6,00,000
13	Fedora20, Java	IT	IV Sem	F
14	TurboC++, Rational Rose	IT	IV Sem	F
15	Oracle 11g, Visual Studis	MCA	I Sem	FW
16	Java, Net beans, TuroC++	MCA	I Sem	F
17	TurboC++,Phtotoshop CS5	MCA	III Sem	FW
18	Java, TOMCAT, IIS Server, Front Page, Dreamweaver, Photoshop, Visual Studio.net	MCA	III Sem	W
19	Visual Studio 6.0, Visual Studio.net	MCA	IV Sem	W
20	Java, TurboC++	MCA	IV Sem	F
21	Rational Rose	MCA	IV Sem	
22	Java, TOMCAT, IIS Server, Visual Studio, J2EE	MCA	V Sem	FW
23	Rational Rose	MCA	V Sem	FW
24	SPSS, Tora	MBA	II Sem	2,21,422
25	AutoCad	Mech	II,IV Sem	F
26	Solid works	Mech	V Sem	F
27	Ansys	Mech	V Sem	F
28	Matlab	EEE	IV,VI,VII Sem	6,00,000

29	Matlab	ECE	V, VII Sem	6,00,000
30	Xilinx	ECE	IV Sem	F
31	Cicada	ECE	IV Sem	F
32	Auto Cad	Civil	III Sem	F
33	QuaDra	All Dept		1,75,000

\* FW – Freeware, W- Windows Licence

- The institution has Reliance Wi-Fi connectivity and all the blocks are connected with server at the cost of Rs.4.00 lakhs per year.

#### **4.3.4 How does the Institution facilitate extensive use of ICT resource in the use of computerized teaching, online teaching-learning resources, ICT enabled class rooms/learning spaces?**

- All the departments are equipped with LCD Projector
- Smart class rooms are provided to each department.
- Live telecast of Lectures delivered by eminent professor of Anna University, Chennai are made available to the students through Ku Band Anna Edusat programme.
- On-Line teaching-learning resources are made available to the staff and students through the Nodal Centre for Anna University Quality Improvement Cell.

#### **4.4 Maintenance of Campus Facilities**

##### **4.4.1 How does the institution ensure optimal allocation and utilization of the financial resources for maintenance and upkeep of the campus facilities?**

**(Details of budget allocated during last four years)**

- The details of expenditure incurred towards the maintenance and upkeep of campus facilities are enumerated below.
  - a) Construction of auditorium cum indoor stadium--cost Rs. 1.00 Crore.
  - b) Acquisition of Drinking water connection from TWAD--Cost Rs. 15 lakhs
  - c) Erection of front gate and arch--Cost Rs. 3.5 lakhs
  - d) Erection of rear gate and arch--Cost Rs. 11.0 lakhs
  - e) Providing compound wall in the rear boundary--Cost Rs. 10 lakhs
  - f) Completion of G.G block--Cost Rs. 7.60 Crores.
  - g) Establishment of Computer Centre--Cost Rs. 90 lakhs
  - h) Providing flooring and beautification of frontage--Cost Rs. 4 lakhs
  - i) Providing lawns and maintaining gardens--Cost Rs. 5 lakhs
  - j) Improvement and modernization of hostel dining hall and kitchen--Cost. Rs.36 lakhs
  - k) Addition of 27 buses to strengthen the College Transport facility-- Cost Rs 400 lakhs

- l) Installation of 18 nos of A.C units--cost Rs. 10 lakhs
  - m) Procurement of CNC machines for Mechanical Department--Cost Rs. 14 lakhs
  - n) Reverse osmosis plant--cost Rs. 5 lakhs
  - o) Gen-set 115 KVA--cost Rs. 12.5 lakhs
  - p) Internet Wi-Fi--cost Rs. 6 lakhs
  - q) Intercom facility--cost Rs. 2 lakhs
  - r) UPS for all laboratories--Rs. 14 lakhs
  - s) Replacement of blackboards by ceramic boards in all class rooms--cost Rs. 5 lakhs
  - t) LCD projector for all departments--cost Rs. 3 lakhs
  - u) Separate Seminar hall for Mechanical and MCA departments--Rs. 6 lakhs
  - v) Solar cum wind operated power plant--Rs.8 lakhs
  - w) Provision of 3 nos of LCD-TV with dish connection in boys, girls hostel-- Rs. 1 lakh
  - x) Provision of lawn and garden in the new building—Rs. 5 lakhs
  - y) Construction of new building having 60000 Sq.Ft. of built up area at total cost of Rs.10 crores was completed and occupied on 02.01.2014. The building has the following facilities.
    - 16 Nos of class rooms in the ground floor
    - 12 Nos of class rooms in the first floor
    - 2 Nos of halls which can be used as Seminar hall
    - 1 No of fully furnished Principal room and office room each in an area of 1500 sq.ft.
- The Estate office looks after the maintenance of building, class rooms etc., and laboratories in addition to construction of small structures in the campus.
  - Waste water from the campus is recycled and it is used for watering the trees and plants in the campus.
  - Two numbers of rainwater collection and storage tanks are being used for watering the trees and plants and for washroom and other uses.
  - The Transport department undertakes the maintenance and repairs of the college buses.
  - The college has adequate number of housekeeping staff for the maintenance of building, class rooms, laboratories, washrooms.

## **5.5. Criterion - V: Student support and Progression**

### **5.1 Students Mentoring and Progression**

#### **5.1.1 Specify the type, number and amount of institutional scholarship/freshships given to the students during the last years.**

- The Particulars of scholarships/freeships sanctioned by the college are furnished below.

S.No	Name of the Student	2010-11	2011-12	2012-13	2013-14	2014-15
01	A.Rasool Beevi, IT	62,500	62,500	62,500	62,500	--
02	M.Papathi, ECE	62,500	62,500	62,500	62,500	--
03	N.Mahalakshmi, ECE	62,500	62,500	62,500	62,500	--
04	N.Priya, ECE	--	--	35,000	35,000	--
05	S.Sanjai, IT	--	--	20,000	20,000	--
06	Sivagnanam, EEE	--	--	12,500	12,500	--
07	K.B.Anantharuban, CSE	30,000	30,000	30,000	30,000	--
08	G.Ranjitha,CSE	30,000	30,000	30,000	30,000	--
09	D.Veni,CSE	30,000	30,000	30,000	30,000	--
10	R.Aswini,ECE	20,000	20,000	20,000	20,000	--
11	S.Bobby,ECE	10,000	10,000	10,000	10,000	--
12	S.Divya,ECE	10,000	10,000	10,000	10,000	--
13	G.Rahul,ECE	10,000	10,000	10,000	10,000	--
14	S.Ringiya,ECE	10,000	10,000	10,000	10,000	--
15	S.Suganya,ECE	--	20,000	20,000	20,000	--
16	B. Sundaresan,ECE	10,000	10,000	10,000	10,000	--
17	V.Arikrishnan,Mech	10,000	10,000	10,000	10,000	--
18	V.Balachandran,Mech	10,000	10,000	10,000	10,000	--
19	M.Kalaivanan,Mech	10,000	10,000	10,000	10,000	--
20	A.Manikandan,Mech	10,000	10,000	10,000	10,000	--
21	R.Meganathan,Mech	10,000	10,000	10,000	10,000	--
22	A.Md. Arasudeen,Mech	10,000	10,000	10,000	10,000	--
23	C.Muthukrishnan,Mech	10,000	10,000	10,000	10,000	--
24	K.Parameshwaran,Mech	10,000	10,000	10,000	10,000	--
25	S.Anupriya,ECE	--	30,000	30,000	30,000	--
26	A.Arasad Rahman,IT	--	30,000	30,000	30,000	--
27	C.Somtharya,CSE	--	30,000	30,000	30,000	--
28	V.Aravinthan,ECE	--	20,000	20,000	20,000	--
29	R.Giritharan,ECE	--	20,000	20,000	20,000	--
30	M.Mahalakshmi,ECE	--	8375	8375	8375	--
31	A.S.Sowrya Merlin,ECE	--	30,000	30,000	30,000	--
32	J.Aisha Nilofar,IT	--	26,750	26,750	26,750	--
33	J.Dinesh,Mech	--	10,000	10,000	10,000	--
34	M.Gnanisailsingh, Mech	--	10,000	10,000	10,000	--
35	K. Jeevaraj.Mech	--	10,000	10,000	10,000	--
36	P.Sabari,Mech	--	10,000	10,000	10,000	--
37	S.Anupriya,ECE	--	30,000	30,000	30,000	--
38	A.Radhasri,ECE	--	30,000	30,000	30,000	--
39	H.Maimoon Sharifa, IT	--	45,000	45,000	45,000	--

40	S.Sanjal,IT	--	20,000	20,000	20,000	--
41	P.Rahul Gandhi,Mech	--	10,000	10,000	10,000	--
42	V.Stalin, Mech	--	10,000	10,000	10,000	--
43	P.Karthi, Civil	--	10,000	10,000	10,000	--
44	A.Salman,Civil	--	10,000	10,000	10,000	--
45	P.Sathya, Civil	--	10,000	10,000	10,000	--
46	S.Elavarasi,CSE	--	--	30,000	30,000	--
47	K.Jaiganesh,CSE	--	--	30,000	30,000	--
48	K.Pradeepa,CSE	--	--	12,500	12,500	--
49	P.Abirami,CSE	--	--	--	35,000	--
50	R.Poonguzhali,CSE	--	--	--	10,000	--
51	J.Ranjani,CSE	--	--	--	10,000	--
52	A.Isra,CSE	--	--	--	10,000	--
53	K.Kaviyarnsn,CSE	--	--	--	30,000	--
54	P.SusinDranathan,CSE	--	--	--	8500	--
55	M.Harishkumar,Civil	--	--	--	10,000	--
56	L.Nagarjune,Civil	--	--	--	8000	--
57	K.Suthagar,EEE	--	--	--	10,000	--
58	P.Venkatesh,EEE	--	--	--	10,000	--
59	V.Karthick,Mech	--	--	--	10,000	--
60	K.Rajaraman,Mech	--	--	--	10,000	--
61	M.Ramkumar,Mech	--	--	--	10,000	--
62	G.Vinoth,Mech	--	--	--	10,000	--
63	P.Marimuthu,ECE	--	--	--	63,500	--
64	D.Sivaranjani,ECE	--	--	--	13,500	--
65	S.Yogeswari,ECE	--	--	--	30,000	--
66	S.Ganga Devi, Civil	--	--	--	--	20,000
67	P.Vasanth,EEE	--	--	--	--	20,000
68	A.Dinesh, ECE	--	--	--	--	20,000
69	M.Agalya, ECE	--	--	--	--	20,000
70	Nafila Shafreen,ECE	--	--	--	--	20,000
71	R.Ranjith,ECE	--	--	--	--	20,000
72	S.Pavithra,ECE	--	--	--	--	20,000
73	S.Sivashankarai,ECE	--	--	--	--	20,000
74	R.Sowmya,ECE	--	--	--	--	20,000
75	C.Anitha,ECE	--	--	--	--	20,000
76	S.Meena,ECE	--	--	--	--	30,000
77	S.Karpahambal,ECE	--	--	--	--	30,000
78	M.Kiruthkia,ECE	--	--	--	--	30,000
79	K.Sangeetha,CSE	--	--	--	--	30,000
80	K.Santhiya,ECE	--	--	--	--	54,000
81	P.Kalaivani,ECE	--	--	--	--	54,000
<b>Total</b>		<b>4,27,500</b>	<b>8,57,625</b>	<b>9,97,625</b>	<b>12,86,125</b>	<b>4,58,000</b>

- **The particulars of scholarship sanctioned by the Government of Tamil Nadu**

S.No	Name of Scholarship	2011-2012		2012-2013		2013-2014		2014-2015	
		No of students	Amount Rs.Lakh	No of students	Amount Rs.Lakh	No of students	Amount Rs.Lakh	No of students	Amount Rs.Lakh
01	BC - Post Metric Scholarship	126	3.76	506	39.68	314	10.31	75	2.54
02	BC - First Graduate Scholarship	29	1.04	102	4.23	106	8.14	379	15.86
03	MBC - Post Metric Scholarship	100	2.91	136	6.07	288	7.32	143	5.87
04	MBC - First Graduate Scholarship	28	1.14	238	16.64	135	9.84	322	13.80
05	SC Scholarship	108	10.09	205	13.88	384	185.69	630	365.69
<b>Total</b>		<b>391</b>	<b>18.94</b>	<b>1187</b>	<b>80.50</b>	<b>1227</b>	<b>221.30</b>	<b>1549</b>	<b>403.76</b>

**5.1.2 Does the college have personal enhancement and development schemes for students?**

- The placement and training cell of the college organize personal enhancement and development schemes for students.
- Every department trains the students in individual presentation, group discussion and personality development.

**5.1.3 Details of the Programmes - Career counseling, soft skills development etc. during last 3 years organized by the Training and Placement Cell.**

- Training Programmes organized by the Training and Placement cell

S. No	Date	Details of the Training program	Training imported by	Beneficiary
1	14.07.2011	In house training programme	Aiser work force	Final year selected students
2	12.08.2011	Orientation towards NPTEL	Classle.net	Staff members
3	10.09.2011	Soft skill training programme	Key Mind Technologies	Final Year Students
4	19.11.2011	IEEE Sponsored Workshop for Employability and Soft Skills	Dr. Vishal Talwar, London School Of Economics,	All Final Year MBA Students
5	2.12.2011	Orientation towards Certification	Mr. K.S. Ayappan	CSE, IT,MCA
6	28.01.2012	Aptitude Training	B. Sivakumar. BSK	Final year Students



7	30.02.2012	Soft Skill training for Interview	Mr. Ravichandran	Final Year Students
8	06.07.2012	Introduction about technical skills	Mr. Siddarth, FACE	All third yr students
9	10.08.2012	Verbal clash	Mr. Edward Anand	Eligible Students
10	24.09.2012	Distance and time	Mr. Thiru, FACE	Eligible Students – CSE,IT,ECE
11	20.04.2013	Orientation for placements	Mr. Chalian, ARJ College,	All Eligible Students
12	18.05.2013	Importance of certifications	Mr. Aravindan, Chennai	All third year students
13	18.07.2013	Aptitude	Mr. Balasubramanian, FACE	Mech, EEE, Civil, MBA
14	25.07.2013	Aptitude	Mr, Veera, Transtuff	CSE, IT, ECE, MCA
15	01.08.2013	Time Management	Mr. Suresh, Trastuff	CSE, IT
16	16.08.2013	Communication	Mr. Tamil, Face	Mech, EEE
17	17.08.2013	Management Methods	Mr. Krish, FACE	MBA-All students
18	20.08.2013	Resume and Team Building	Mr. Kishore, FACE	First year students
19	12.09.2013	Stress management	Mr. Vinoth	Final year
20	13.09.2014	Writing skills	Mr. S. Suresh,RIPE	CSE, IT, ECE, MCA
21	19.09.2014	Verbal ability	Mr. Krishnan, RIPE	Eligible Students – Final Year.
22	20.09.2014	Goal setting	Mr. Arun, RIPE	CSE, IT, ECE, MCA
23	26.09.2014	Communication skill barrier	Mr. S. Suresh,RIPE	Mech, EEE, Civil, MBA
24	27.09.2014	Reading skills	Ms. Jayalakshmi, RIPE	CSE, IT, ECE, MCA
25	03.10.2014	CV constructing	Ms. Arthi Sridar, RIPE	Eligible Students – Final Year.
26	04.10.2014	Extempore	Mr. Syam , FACE	CSE, IT, ECE, MCA
27	10.10.2014	Attitude building	Mr. Krishnan, RIPE	Eligible Students – Final Year.
28	11.10.2014	Aptitude training	Mr. Krishnan, RIPE	Mech, EEE, Civil, MBA
29	17.10.2014	Concentration skills	Mr. Syam , FACE	CSE, IT, ECE, MCA
30	18.10.2014	Application grammar	Mr. S. Suresh,RIPE	Mech, EEE, Civil, MBA
31	24.10.2014	Phonetics	Ms. Radika, RIPE	CSE, IT, ECE, MCA
32	30.01.2014	Special aptitude training	Mr. Thanikasalam	Eligible Students – Final Year.
33	18.02.2014	One day faculty Development Programme	Mr. Krishnan RIPE	All Faculties
34	05.08.2014	Get Ready for GATE-215	Ms.B.Sripriya Iyer Classle Knoweldge	CSE and IT Students

35	02.01.2015	Usage of Windows Certification	Mr.K.Asok,etrainindia Mr.J.Aravind,JConnect	CSE and IT Students
36	02.02.2015	Unvazhkai Un Thanambikaiyil	Dr.Anwar Ahamed Asst.Prof/Commerece	CSE and IT Students

- Details of the placement opportunities created by the Training and Placement Cell in the Last 2 year.

Company Name	ECE	EEE	CSE	IT	MECH	MCA	MBA	No. of Students
<b>2013-2014</b>								
Brand Source Technologies	3	2				2		7
Avalon Technologies			2	5				7
Cognizant Technologies	1							1
Reliance Communication	15	5	17	7				44
London School of Bussiness						6		6
Rajasri Systems	3	2						5
Khivraj Motors					18			18
Gkar Engineering			12	10				22
Shrddi Star BPO	1	2	4	3				10
Adhitya Trading solutions							11	11
Vinayak Infotech Pvt Ltd	1						1	2
Tata Consultancy Services (TCS)	1							1
Tech Mahindra	9	17	8	1				35
India Infoline (IIFL)						10		10
Metech				3	14			17
Redwan Technolog	9	4	3	2			2	20
6soft Technologies	4						1	5
Popular Vehicles					18			18
Duorays	1						1	2
Vintage Properties				1	4			5
Manish Gas Ltd					23			23
Simtech					3			2
Nuva Tech					12			12
GBL Constructions				2				2
SPCL		2		3	1			6
L &T Ecl				1				1
HCL Technologies (Bserve)	1	4	8				4	17
<b>2014-2015</b>								
CTS	1	2	1					04

Wipro Technologies						5		5
Fony Technologies	2		2	1				5
Reliance Communications	6		2	3	4			15
Bluetacnics	7			2				9
iMatrix			4	2				6
Vinak Infotech			4	2				6
Gemini Communication	3		5					8
Topology Sevice	6		10					16
Avalon		5						5
Vetrivel Auto Component					8			8
<b>Total</b>	<b>74</b>	<b>45</b>	<b>82</b>	<b>48</b>	<b>105</b>	<b>23</b>	<b>20</b>	<b>394</b>

#### **5.1.4 Does the college have mechanisms to make the informations about the institution's policy?**

- ✓ The college has its website where in all the informations are uploaded.
- ✓ The students are provided with updated Handbook every year containing all informations about rules and regulations, day order time table for each semester, tests and examination etc.
- ✓ The information on student's activities, convocation, Institutional social Responsibilities Programmes etc are published in leading English and Tamil News Papers.

#### **5.1.5 Mention different types of student supports provided by the college**

- The grievances of the students are reDressed then and there through ward counselor, class teachers, HOD's and through Parents Teachers meeting. Special cases are dealt by Discipline committee of the college.
- Anti-Ragging committee has been constituted as per the directions of the Anna University and it looks after the welfare of the students in general and I year students in particular.
- The papers relating to the Government Scholarships and concessions relating to S.C, M.B.C, B.C and First graduates students are given top priority.
- The women welfare committee looks into the aspects of welfare measures and prevention of sexual harassment.
- Book bank scheme has been started from the year 2012-2013.
- Our college motivates our students to participate in conferences, workshops and paper presentation.
- Motivational lecturers are arranged frequently
- Special coaching classes and 'Short stay at hostel and Study cheme' for slow learners.

- Coaching classes for GATE and other competitive exams are arranged. Every year one or two students get through in GATE Exam.

#### 5.1.6 Details of Student participation in Co-Curricular and Extra Curricular activities.

The particulars of student's achievement in sports and game furnished below

- ✓ Our college was the winner in Badminton in Anna University Trichy Zone (20 Colleges) consequently for 4 years.
- ✓ Our college was the winner in cricket in Anna University Trichy Zone (20 Colleges) in the year of 2013. Two Students were selected for Anna University Team to represent Nation level Inter University tournament.
- ✓ All our college students and staff members numbering (1900) registered for donating organ donation in the year 2013.

### 5.2 Student Progression

#### 5.2.1 Monitoring students Progression

- The performance of the students in weekly test, midterm test and model exam is monitored and informed to the parents. The progress report of the students is sent to the parents periodically.
- The students having 100% attendance / ranks in the university exam are felicitated in college functions. They are awarded with Prizes, Medals and citations.
- The list of Rank holders in the University exam is furnished below.

Branch	Year	Name of the Students	University Rank	Total
Mech	2011	D.Arunkumar	40	09
	2012	S.Vivek	35	
		P.Selva KUMAR	42	
		K.SunDram	43	
	2013	B.Abilash	28	
		S.Vimal RAJ	41	
	2014	M.Pravinraj	04	
		S.Venkatesan	35	
		D.Manoj	48	
CSE	2012	R.Bhuvaneswari	41	04
		A.Vinu priya	46	
		I.Luft Irfana	49	
	2014	Z.Ameena Parveen	45	
EEE	2014	S.Sarathkumar	05	03
		J.Jahabardeen	27	
		V.Abinaya	28	
		R.Deebika	10	

ECE	2014	S.Dhivya	15	04
		R.Nandhini	17	
		R.Aswini	40	
IT	2014	S.Then Thamizh Illakiya	18	02
		G.Sathis	37	
MBA	2011	Kanimozhi.R	35	08
	2013	Sowndarriya.M	39	
		Vinodhini.J	45	
		Sasikaladevi.V	32	
		Durgadevi.P	46	
		Sudha.C	46	
		Kavipriya.P	48	
2014	K.Kiruthiga	48		
MCA	2011	Ramya.B	10	24
		Ramya.N	31	
		Durgalakshmi.R	44	
		Sujithra.S	49	
	2012	Lourdu Rubi.M	45	
	2013	Saranya.R	03	
		Anantha Jothi.B	06	
		Rathiga.T	12	
		Vasanthameenakshi.S	15	
		Anitha Lily.J S	17	
		Subhasri.R	17	
		Sowmiya.S	30	
	2014	V.Karthika	20	
		A.Iswarya	26	
		M.Narmatha	27	
		A.Ananthi	29	
		P.Elavarasi	33	
		N.Saranya	39	
		R.Helen Gelitha	42	
		M.Vinupriya	47	
		P.Kamalambigai	49	
		S.Banupriya	49	
		P.Selvamani	60	
M.E (CSE)		2014	R.Uma Maheswaru	34
	P.Vennila		39	
	C.Padmapriya		39	
	S.Subashree		39	
Total Rank Holders				58

### 5.2.2 Details of the Students success rate in the University examination

- The examination result of every semester is analyzed and corrective measures are taken to improve the results in the semesters ahead.
- Every department submits the result analysis to the Principal and the performance of the students in the University examination is discussed in the HOD's Meeting and Management committee meeting.
- The sample result analysis in the students' performance in the university examination is furnished below.

#### DEPARTMENT OF INFORMATION TECHNOLOGY

**CLASS: IV –IT**  
**NOVEMBER/DECEMBER'2014**

**BATCH:2010-2014**

**SEMESTER: (7) ODD**  
**No. of Students Registered: 58**

SUB CODE	SUB NAME	STAFF NAME	APPEARED	NO. OF STUDENTS		% OF PASS (Nov/Dec-2014) Before Reval.
				PASSED	FAILED	
CS2401	COMPUTER GRAPHICS	Mr.S.Manikandan	58	52	06	90%
IT2032	SOFTWARE TESTING	Mr.N.Murali	57	54	03	94%
IT2041	ENTERPRISE RESOURCE PLANNING	Mr.A.Javed Sultan	57	56	01	98%
IT2401	SERVICE ORIENTED ARCHITECTURE	Ms.P.Suganya	57	52	05	91%
IT2402	MOBILE COMMUNICATIONS	Mr.K.Manikanda Kumaran	56	54	02	96%
IT2403	SOFTWARE PROJECT MANEGEMENT	Mr.V.M.Suresh	58	55	03	95%
CS2405	COMPUTER GRAPHICS LAB	Mr.S.Manikandan Ms.E.Vijayavani	57	57	00	100%
IT2406	SERVICE ORIENTED ARCHITECTURE	Mr.K.Manikanda Kumaran Mr.V.M.Suresh	57	57	00	100%

November/December'2014 (Current Semester)	
<b>TOTAL NO. OF STUDENTS REGISTERED</b>	<b>: 58</b>
<b>NO. OF STUDENTS PASSED IN CURRENT SEMESTER</b>	<b>: 49</b>
<b>CURRENT SEMESTER ALL CLEAR PERCENTAGE</b>	<b>: 84%</b>
<b>OVERALL ALL CLEAR</b>	<b>: 49</b>
<b>OVERALL ALL CLEAR PERCENTAGE</b>	<b>: 84%</b>

### 5.2.3 Details of Track record of students.

- The Alumni Association of our college is a registered body and it meets atleast ones in a year.
- The batch mates meetings are on the increase in the recent times.
- The record of illustrious alumni is furnished below.

S.No	Name	Batch	Present Position	Remarks
1	Gomathi Srivalli.M	2011-2012	HCL Technical Support Officer	HCL BPO
2	Vimal Kumar.E		Supporting Engg.	Forbes Tech limited, Chennai
3	Karthikeyan.S		XML Processing	Decan Service
4	Ganesh Kumar.R	2012-2013	Admin	Cooperative Bank, Adambar
5	Prasanna.B		Call Center Executive	Yellow Cab Service
6	Manikandan.M		Network Engineer	Variety Services, Chennai
7	Ramesh Kumar.R		Network Engineer	Mclan System,
8	Iyyapan.R		Technical Assistant	Variety Services, Chennai
9	Shanthi.V		Technical Assistant	Capgemini Consultant Technology, Chennai
10	Madhavan.R		Junior Developer	Gemeni System Private Ltd, Chennai
11	Revathi.P		XML Developer	HTC Private Ltd, Chennai
12	Hari Krishnan.S		Executive Manager	Subiksham Waste Reprocess
13	Prasath.U		Supporting Engineer	Micro clinic india private ltd, chennai
14	Arul Murugan.C		Network trainee	Quadgel system pvt ltd, chennai
15	Muthu Kumar.D		Trainee developer	Softect Infinium Soln, Chennai
16	Subathra.S		Recruiter coordinator	Merit Trac Services pvt Ltd, Chennai
17	Krithiga.K		Deputy manager	Kotak MahenDra Bank, Bangalore
18	Gnana Poornan.S	2012-2013	Trainee engineer	Foxconn, chennai
19	Aarthi.R		Technical support	Wipro pvt ltd
20	Vinoth.V		Network engineer	Variety services, parambur
21	Raja Soundarya.S	2012-2013	Network engineer	Computer science corporation
22	Vennila.V		Web designer	Jvt soft solution, vadapalani
23	RajenDran Udaiyini		Mobile application developer	Pasumai solution pvt ltd, chennai
24	Mr.M.Dhilipkumar		Trainee engineer	Popular vehicles
25	Mr.S.Venkatesh		Trainee engineer	Popular vehicles
26	Mr.S.Selvaganapathi		Trainee engineer	Popular vehicles

27	Mr.V.Manivannan	2010-2014	Technical Supporter	TechMahinDra
28	Mr.J.Jahabardeen		Trainee engineer	Avalon Technologies
29	Mr.G.S.Rajarajan		Trainee engineer	Avalon Technologies
30	Mr.P.Jaiganesh		Trainee engineer	Avalon Technologies
31	Mr.B.Magesh		Trainee engineer	Avalon Technologies
32	Mr.S.Vetrivendan	2009-2013	Electrical supervisor	RRK Enterprisior
33	Ms.B.Sooriya		H.R	Bluewhale solutions
34	Ms.L.Priyanka		Project engineer	VeEEE Technology
35	Mr.S.Vikneswaran		Electrical Maintenance engineer.	MMS Steel Power P.Ltd
36	Mr.A.Sampath		Design Engineer	Infro Control System
37	Mr.S.Gurumoorthy	2009-2013	Design Engineer	Infro Control System
38	Mr.T.Hariharasuthan	2008-2012	Senior Testing & Commissioning Engineer	JAITECH Projects Power (P) Ltd
39	Mr.K.Devanbu		Instrumentation Supervisor	Afcons Infrastructure P.Ltd
40	Mr.J.Vinodhan	2004-2008	Planning Engineer	Sniether Electric Ltd
41	M. Pappathi	2009-2013	Employer	GEM Software solutions, Alwarpet, Chennai.
42	T. Yazhini		Lecturer	Valivalam Desikar Polytechnic College, Nagapattinam.
43	S. Siva		Employer	ALCATAL-LUCENT , T. Nagar
44	G. Priyadharshini	2009-2013	Employer	ICICI Bank, Panaikulam,
45	B. Iyswarya		Employer	Scientific publishing services pvt. Lmt, R.K.Main road, Alwarpet.
46	S.Suburayan	2008-2012	Service engineer	Airtel Networks Ltd,Chennai
47	P.Barani tharan		Maintenance engineer	Airtel Networks Ltd,Chennai
48	R.Murugan		Network engineer	ABBL Ltd,Bangalore
49	S.Mohamed ejaz		Service engineer	Airtel Networks Ltd,Chennai
50	P. Arivalagan		VLSI Programmer	Ranases Technologies, Coimbatore.
51	S. Ashok		Consaltant	ASCENDANT Technology AVNET, Chennai.
52	R. Arun		Performance Management Engineer	Nokia solution networks, Chennai.
53	Mr. S.P. Saravanan	1996-2000	Project Manager	Cognizant
54	Ms. Nithyapriya		Software Engineer	CAPGEMINI
55	Mr. Jaganathan		Project Head	HCL
56	Mr. Sabarinathan		Software Engineer	IBM(USA)
57	Mr. Sunil kumar		Project Manager	TCS
58	Mr. Jayaseelan	1996-2000	Technical Leader	TCS
59	Ms. Iswarya		Software Engineer	TCS



60	Mr. Vijayan	2003-2007	Technical Leader	SYNTEL
61	Mr. Veeramani		Service Engineer	HOV Services
62	Mr. Nagaraj		Service Engineer	HOV Services
63	Mr. Sowrirajan		Software Engineer	TCS
64	Mr. T. Ganesh	2005-2009	Programmer	FORD S/w Systems
65	Mr. T. kaleeswaran		Software Engineer	Mahindra Sathyam
66	Mr. B. Prakash		Software Engineer	CNSI
67	Mr. Nagaraj		Programmer	Global AnDroid
68	Mr. N.Arivoli		Software Engineer	IBM
69	Mr. D. Sivasankaran	2006-2010	Software Engineer	CTS
70	Mr.R.Ramkumar		Senior Programmer	Ten20.uae, Dubai
71	Mr.P.Karthikeyan		Senior Programmer	MaxDeals.com, Dubai
72	Mr.S.Saravanan		Senior Programmer	MaxDeals.com, Dubai
73	Mr. Vijayakumar		Software Tester	HovService, Chennai
74	Mr.P.Adhisesan		System Admin	Bank of Newyork Mellon
75	Mr.S.Saravanan		System Admin	IBM, Bangalore
76	Mr.Ezhilarasan		Database Manager	Bel Database, Chennai
77	Mr.Md.Dhasneem		Business Developer	Talip Software, Chennai
78	Mr. Venkatesan		.NET Developer	Tulip Bilop Software, Chennai
79	P. Moorthy	2008-2010	Branch Head(Manappuram Asset Finance Ltd)	Manappuram Asset Finance Ltd
80	D. Udhayakumar		Executive	Amer Prakash Pvt Ltd
81	C. Sujitha	2008-2010	Accountant(NP Enterprises)	NP Enterprises
82	G. Soudeeswaran		Process Officer-Mutual Fund(CAMS Pvt Ltd)	CAMS Pvt Ltd
83	R. Mohamed Jalil		LIC Advisor(LIC of India)	LIC of India
84	M. Neelavanan		Assistant Branch Head(Manappuram Finance Ltd., Trichur, Kerala)	Manappuram Finance Ltd., Trichur, Kerala
85	P. Soundariya		Customer Service Executive(HSBC, Perungudi, Chennai)	HSBC, Perungudi, Chennai
86	K.Manikandan		Officer(Wipro ltd, Manjakkudi)	Wipro ltd, Manjakkudi
87	V. Brundha		Sales Executive(Muthoot, Vedaraniyam)	Muthoot, Vedaraniyam
88	U. Karthikesan		Accountant(L&T)	Accountant(L&T)
89	R. Nithiyanantham		Admin Trainee (Naturo Food & Fruits)	Naturo Food & Fruits Product Pvt ltd, Bangalore

		2010-2012	Product Pvt Ltd, Bangalore)	
90	R. Prabhakaran	2010-2012	Accountant(SRM University)	SRM University
91	R. Revathi		HDFC Bank	HDFC Bank
92	P. Sathya		Agent follow up(Sriram Finance Ltd)	Sriram Finance Ltd
93	D. Sathish		Marketing	INGVYSYA
94	C. Selima		Accountant	Popular Vehicles, Chennai
95	G. Uma	2010-2012	Administration(BNS Company)	BNS Company)
96	S. Vijay		Finance Admin(The Park)	The Park
97	G. Raja	2011-2013	GM(Antony Aqua Form)	Antony Aqua Form
98	V. Balamurugan		Financial Analyst(Murugappa Groups, Chennai)	Murugappa Groups, Chennai
99	E. Umapathi		Accountant(Shri Sivakami Ramanathan Publications)	Shri Sivakami Ramanathan Publications
100	S. Manikandan		Accountant(WIPRO Project, Grown Solutions India PvtLtd	WIPRO Project, Grown Solutions India Pvt Ltd, Chennai
101	R. Mathavan		Sales Assistant Manager(India Cements)	India Cements
102	M. Al Ameen	2011-2013	Network Support Engineer(ZUBAID InfoTech)	ZUBAID InfoTech
103	N. Lakshmi Kanthan	2011-2013	Accounts Auditing Assistant(Hi-Tech Indian Private Ltd, Tiruvarur)	Hi-Tech Indian Private Ltd, Tiruvarur
104	M. Muthukumaran		Credit Officer(TVS Credit Service, Tiruvarur)	TVS Credit Service, Tiruvarur
105	T. Sivabalan		Accountant(WIPRO Project, Grown Solutions India Pvt Ltd, Chennai)	WIPRO Project, Grown Solutions India Pvt Ltd, Chennai
106	R. Radhika		Marketing	Integrated Enterprises India Pvt Ltd, Chennai
107	R. Niranjana		Accountant(Lakshmi	Lakshmi Electricals, Chennai

			Electricals, Chennai)	
108	K. Sathishkumar	2011-2013	Manager(JBL Sea Foods, Nagapattinam)	JBL Sea Foods, Nagapattinam
109	N. Iswarya		Sales Consultant(Southern Auto Centre, Chennai)	Southern Auto Centre, Chennai)
110	G. Anjuga		Accounts Executive(Power Bikes, Chennai)	Power Bikes, Chennai
111	R. Nandhini	2011-2013	Finance Executive(Everonn Education Ltd)	Everonn Education Ltd
112	P. Muthukumar		Sales Executive(Shriram City Union Finance Ltd, Pattukkotai)	Shriram City Union Finance Ltd, Pattukkotai
113	D.Kishore		Collection of loan Section(HDFC BANK, Trichy)	HDFC BANK, Trichy
114	K. Arul Santhi		Accountant(K.K.Asso ciates, Kumbakonam)	K.K.Associates, Kumbakonam)
115	V.Rajalakshmi		Customer Service Executive(Muthoot Fincorp Ltd, Vedaraniyam)	Muthoot Fincorp Ltd, Vedaraniyam
116	M.Karthikraja		Sales Executive(Eagammai Pharma, Nagapattinam)	Eagammai Pharma, Nagapattinam
117	V. Sasi Kala Devi		Accountant(Adayar Motors Pvt Ltd, Chennai)	Adayar Motors Pvt Ltd, Chennai
118	K. Vinci		Assistant manager	Green Trends
119	N. Tamilarasan		Quality Control(C R Garments Pvt Ltd, Thirupur)	C R Garments Pvt Ltd, Thirupur
120	Karthika	2011-2013	Accountant (Avanta Global Pvt Ltd) Singapore	Avanta Global Pvt Ltd Singapore
121	Abdullah		Accountant(Car Showroom) Bahrain	Car Showroom Bahrain
122	S.Saravanan	2005-2008	Senior security Analyst	TCS,Chennai
123	P.K.Karthi		Software Engineer	SRM Infotech,Chennai
124	M.Balaji	2006-2009	System Engineer	Infosys,Chennai

125	K.Shanmugaperumal		Network Administrator	HCL Technology,Chennai
126	D.Vikramathithan		Web designer,Green valley,Chennai	
127	R.Vani	2007-2010	Associate software engineer	Symphony services,Bangalore
128	S.Sathya	2007-2010	System Analyst	Business software solutions,Chennai
129	N.Ganeshkumar		Software Engineer	TCS Chennai
130	M.Arunkumar		Software Engineer	Polaris,Chennai
131	N.Ramya		Software Tester	Firestream world wide,Chennai
132	M.Mohamed Riyas	2008-2011	Website Developer,	Excel IT Forte Pvt Ltd, Singapore
133	G.Valarmathi	2009-12	Briosys,Chennai	Briosys,Chennai
134	S.Vasanthamenakshi	2010-13	Publishing Services	SCARKLISLE
135	V.Sivaraman	1997-2001	Ph.D Scholar	IIT, Chennai
136	Dr.R.Ananthakrishnan	1995-1999	Associate Professor	NIT, Trichy
137	Dr.Sattanathan	1997-2001	Scientist	DRDO
138	Dr.P.Kanagasabai	1995-1999		Indira Gandhi Nuclear Power Plant, Kalpakkam
139	P.Rajavelu	1997-2001		
140	C.Neelakandan	1995-1999		
141	R.Rohini	2000-2004		
142	Dr.D.Senthilkumar	1995-1999	Professor	P.B College of Engg. Pollachi
143	D.Murugaraj	1997-2001	Indian Governement Service	Indian Forest Service
144	S.P.A. Gopalan	1997-2000	Executive	BSNL
145	S.Vijayapriya	1996-2000	Dist. Environmental Engineer	TNPCB

### 5.3 Students Participation and Activities

#### 5.3.1 List the Range of sports, cultural and extracurricular activities available to students.

**Provide details of participation and program calendar.**

- The college has indoor stadium to play badminton. It has six courts. Our college is selected for conducting tournaments in Anna University Trichy Zone Level.
- Our college has fields to play and practise cricket, volley ball, foot ball, kabadi and Ball Badminton.
- Our students have participated in Anna University Zonal tournaments (20 Colleges) and have won many prizes.
  - ✓ Cricket 4 time winner (Consecutively 4 years)

- ✓ Two students selected to represent Anna University cricket team (National Level)
- ✓ Badminton (II Place)
- ✓ Weight Lifting (Zone and National Level)
- Institute has one unit of National Service Scheme (NSS)
- Students are actively taking part in various NSS activities. The list of activities carried out is furnished below.

S NO	DATE	ACTIVITY	REMARKS
<b>2013 - 2014</b>			
1	28-05-2013	Renewable energy awareness program	Renewable energy awareness program conducted at our college campus. Nearly 100 students participated in this program.
2	05-06-2013	World environment day (tree plantation program at our college campus)	Our NSS volunteers organized world environment day rally programme at thethi village.
3	25-07-2013	Cleaning work at college Road.	50 NSS volunteers completed the road cleaning work at vadakudi.
4	12-08-2013	Speech & Essay competition	50 NSS students participated in this competition programme.
5	15-08-2013	Independence day celebration	Our college NSS unit celebrated independence day.
6	20-08-2013	Sadbhavana day (Rally & Pledge)	Rally & pledge organized by our NSS unit. 50 NSS volunteers are participated in this program.
7	05-09-2013	Teachers day celebration	Teachers' day celebration was conducted by our NSS unit.
8	10-09-2013	Road cleaning work	40 NSS volunteers completed the road cleaning work at thethi
9	21-09-2013, 28-09-2013, 05-10-2013 & 12-10-2013	Awareness on prevention of plastic bags	NSS volunteers participated at sounderaraja perumal temple, nagapattinam. (puratasi – saturdays)
10	22-09-2013	Cancer awareness day rally program	Rally organized by our NSS unit. 50 NSS volunteers are participated in this program.
11	24-09- 2013	NSS day (motivation program)	Motivation program is conducted for our NSS students (100 students participated in this program.
12	01-10-2013	National blood donation day (awareness program)	Rally organized by our NSS unit. 50 NSS volunteers are participated in this program.

13	02-10-2013	Gandhi jayanthi day celebration.	Our college NSS unit celebrated gandhi jayanthi day.
14	10-10-2013	Cleanliness during Ayudha pooja celebration	Nearly 50 NSS volunteers participated and cleaned the campus during ayudha pooja
15	13-10-2013	Voters day speech, essay, Drawing competition.	Nearly 50 NSS volunteers participated in this program.
16	23-10-2013	Voters awareness rally program	Nearly 100 NSS volunteers participated in this program.
17	24-10-2013	Students motivation program(NSS day)	Student's motivation program conducted at our college.
18	26-10-2013	Consumer awareness program	Consumer awareness rally program conducted at thethi village.
19	01.12.2013	World AIDS awareness programme.	Our college NSS unit celebrated AIDS awareness programme Fisheries minister of tamil nadu & District Collector participated., 150 NSS volunteers participated in this programme.
20	05-12-2013	Blood donation camp	Nearly 200 students participated in this program. Nagapattinam blood donation center Dr. Gnana Sundari , College secretary, Principal and NSS program officer participated .
21	17-12-2013	Vigillance awareness program	Nearly 100 NSS volunteers participated.
22	31-12-2013	VillageCamp	50 NSS volunteers completed the road cleaning work at Thethi village.
23	02-01-2014	Founder's day celebration (tree plantation & herbal awareness program)	Tree plantation, food distribution, Free eye check up / distribution of spectacles, blood donation programs conducted.
24	02-01-2014	Road safety program	Our NSS volunteers organized road safety rally programme
25	03-01-2014	Road safety program	Nagapattinam RTO&Motor vehicle inspector presided over the road safety programme
26	05-01-2014	Road safety awareness program at new bustand, nagapattinam.	Nagapattinam RTO&Motor vehicle inspector presided over the road safety programme at Nagapattinam new bustand.

27	08-01-2014	Plastic awareness program	Our NSS volunteers organized the plastic awareness programme at Vadakudi Village.
28	09-01-2014	Campus cleaning work	Nearly 100 NSS volunteers participated and cleaned the college campus successfully.
29	11-01-2014	National consumer day	Our college NSS unit celebrated national consumer day programme at egspec college.
30	12-01-2014	Youngsters day celebration (speech competition )	Principal Dr.S.Ramabalan, Secretary Mr.S.Paramesvaran participated..
31	20-01-2014	National voters day celebration	National voter's day celebrated at our college campus.
32	22-01-2014	Rally program on voters day awareness program	Rally was done along Nagore to ADJ Polytechnic Nagapattinam
33	23-02-2014	National consumer sday	Nearly 50 NSS students participated in this program
34	26-01-2014	Republic day celebration	Our college NSS unit celebrated the republic day.
35	19-02-2014 to 25-02-2014	NSS special camp	NSS special camp programme was conducted at vadakudi village- nagapattinam.
36	08-03-2014	Women's day celebration	Our college NSS unit involved in the women's day celebration at egspec.
37	21-03-2014	World water day	Awareness rally program conducted at thethi village.
38	24-03-2014	World Tuberculosis Day awareness day	TB awareness rally program in front of Collectorate.
<b>2012 - 2013</b>			
39	05-06-2012	World Environment Day	Our college NSS Volunteers organized world environment day rally programme at Thethi village
40	13-08-2012	Speech and Essay Competition	50 NSS students participated
41	15-08-2012	Independence day celebration	Our college NSS unit celebrated Independence Day.
42	22-09-2012, 29-09-2012	Crowd Control and Plastic awareness campaign	NSS Volunteers participated at Sounderaja Perumal Temple Nagapattinam.
43	22-10-2012	Cancer Awareness Day	Our college NSS unit celebrated cancer awareness programme, Nearly 120 NSS Volunteers

			participated in this programme.
44	25-10-2012	Dengu Awareness Program	Dengu awareness rally program conducted at Thethy Village.
45	01-12-2012	World AIDS Awareness Programme	Fisheries minister of Tamil Nadu & District Collector presided over the function. Nearly 150 NSS volunteers participated.
46	25-12-2012	Vigilance Awareness Programme	EGSPEC NSS Volunteers and CPCL jointly conducted competition nearly 100 NSS volunteers participated.
47	02-01-2013	Founder's Day Celebration)	Tree Planting, Eye Testing, Issue of free Spectacles, Blood donation, Feeding the Poor programs launched
48	03-01-2013	Road Safety Program	Our NSS Volunteers organized safety rally programme. Nagapattinam RTO presided
49	12-01-2013	Youngster day Celebration	Secretary Shri.S.Pramesvaran Principal Dr.S.Ramabalam, Participated.
50	18-01-2013	National Voters Day Celebration	NSS Volunteers Participated and rally organized.
51	26-01-2013	Republic day celebration	Our college NSS celebrated Republic day.
52	01-02-2013 to 07-02-2013	NSS Special Camp	NSS Special Camp program was conducted at Vadakudi Village
53	08-02-2013	National Consumer Day	National Consumer day celebrated in District Collectrate, Nagapattinam .
54	08-03-2013	Women's Day celebration	Our college NSS unit involved in the Women's day celebration
55	21-03-2013	World water day	Awareness rally program conducted at Vadakudi village
56	24-03-2013	World Tuberculosis Awareness day	TB awareness rally program conducted at Nagapattinam New Bus Stand.
<b>2014 - 2015</b>			
57	15-08-2014	Independence day celebration	Our college NSS unit celebrated independence day.
58	20-09-2014	HR Conclave	Regional Level HR Conclave NSS unit cooperate the activities.
59	30-09-2014	Saraswathi Pooja Celebration.	Our college NSS unit celebrated Saraswathi Pooja in Department.



60	02-10-2014	Gandhi jayanthi day celebration.	Our college NSS unit celebrated gandhi jayanthi day.
61	02.01.2015	Founder's Day Celebration)	Tree Planting, Eye Testing, Issue of free Spectacles, Blood donation, Feeding the Poor programs launched
62	03-01-2015	Road Safety Program	Our NSS Volunteers organized safety rally programme. Nagapattinam RTO presided
63	03-02-2015	Dengu Awareness Program	Dengu awareness rally program conducted at Vilunthamavadi Village.

- Institute organizes technical paper presentation, Talent Show, mini projects etc.
- Department wise technical association and class wise students knowledge centre are run by students

S.No	Name of the Students	Event	Date/ Year	Name of the Programme & Organizer	Award
01	CSE Students	Symposium	15/03/13	FANTAZ'13 / CSE	Paper Presentation
02	CSE Students	Web designing	15.03.12& 16.03.12	Web designing/ CSE	Web Development
03	EEE Students	Symposium	09.3.2012	CALONICS'12	Paper Presentation
04	Mech Students	Symposium	2011 – 12	MECHO'S SAPIENSIA'2012	Paper Presentation
05	Mech Students	Seminar in	2012 – 13	Seminar in Composite Materials	Paper Presentation
06	Mech Students	Workshop	2013 – 14	Nuclear Technology	Workshop
07	All Department	Symposium	2013 - 14	IT,CSE,ECE,EEE,MCA	Paper Presentation

- Sports and Games Activities
  - ✓ Our college has indoor stadium consisting of six numbers of Courts to play Badminton.
  - ✓ Our college has earmarked 5 acres of land for providing facilities for sports and games like Volley ball, Cricket and running events.
  - ✓ Our college has arranged with Tamilnadu Government Sports Authority. Under this arrangement, our students are regularly practising basket ball, foot ball, weightlifting and swimming.

### 5.3.2 How does the college seek use of data and feedback from its graduates and employers to improve the performance and quality of the institutional provisions?

- Alumni Association of the college is a registered body and it is convened once in a year.
- Department wise and batch wise alumni contact mechanism is functioning.
- Department wise illustrious Alumni contacts are maintained and they are invited for student's interactive meetings.
- Alumni working in coveted posts are helping our students in training and selecting students for placements.
- Employers/Recruiters are invited for important functions of the college and honoured on such occasions. The suggestions for the development of the college are recorded and considered for implementation.

### 5.3.3 How does the college involve encourage students to publish materials like catalogue, wall magazine etc?

- Students are encouraged to actively take part in contributing materials on daily/weekly basis for the class wise students knowledge centre. Students exhibit newspaper clippings, Internet downloaded items etc on recent developments in the subject of their study programme.
- Students are taking active part in contributing materials for the preparation Department wise Newsletter, Magazines, Reports, etc.
- Particulars of students' participation in workshop, Seminars etc are furnished below

S.No	Name of the Student	Event	College /Institution Name	Year
1	S.Sundar M.Krisnha kumar	Paper Presentation	PITS	2012
2	RajenDran Udayini Ramya	Debugging	RIISTAARA`11	2012
3	K.Suriya kumar, D.Muthukumar	Quiz	Bharathiyar college,Karaikal	2012
4	RajenDranudayini K.Kiruthiga	Paper Presentation	Bharathiyar college,Karaikal	2012
5	U.Prasanth Arulmurugan	Multimedia	PRIST	2012
6	RajenDranudayini K.Kiruthiga	Paper Presentation	Oxford Engg. college	2012
7	Jafilafathima.S Jasmine Farveen.A	Best project	EGSPEC	2014

8	Bhuvaneshwari.S Binthiya.R	Best project	EGSPEC	2014
9	Preetha Jakkulin.I.P.S Rageal. T Sathiya. S	Best project	EGSPEC	2014
10	Arun Valaven.J Balaji.A Rajesh. R	Best project	EGSPEC	2014
11	Aravind Kumar.A Arun.A Imthiyaz Ahmed.A	Best project	EGSPEC	2014
12	Suganya.S Veni.D Vinothini.V	Best project	EGSPEC	2014
13	Vembarasi.M V idhya.S Vinothini.V	Best project	EGSPEC	2014
14	Subakar.G Parasaran.N Vignesh.Y	Best project	EGSPEC	2014
15	Tamilarasan.J Shahulhameed.M Vedhanayagam.R	Best project	EGSPEC	2014
16	S.Sundar M.Krisnha kumar	Paper Presentation	PITS	2012
17	RajenDran Udayini Ramya	Debugging	RIISTAARA`11	2012
18	K.Suriya kumar, D.Muthukumar	Quiz	Bharathiyar college,Karaikal	2012
19	RajenDranudayini K.Kiruthiga	Paper Presentation	Bharathiyar college,Karaikal	2012
20	U.Prasanth Arulmurugan	Multimedia	PRIST	2012
21	RajenDranudayini K.Kiruthiga	Paper Presentation	Oxford engg college	2012
22	Jafilafathima.S Jasmine Farveen.A	Best project	EGSPEC	2014
23	Bhuvaneshwari.S Binthiya.R	Best project	EGSPEC	2014
24	Preetha Jakkulin.I.P.S Rageal. T Sathiya. S	Best project	EGSPEC	2014
25	Arun Valaven.J Balaji.A Rajesh. R	Best project	EGSPEC	2014

26	Aravind Kumar.A Arun.A Imthiyaz Ahmed.A	Best project	EGSPEC	2014
27	Suganya.S Veni.D Vinothini.V	Best project	EGSPEC	2014
28	Vembarasi.M V idhya.S Vinothini.V	Best project	EGSPEC	2014
29	Subakar.G Parasaran.N Vignesh.Y	Best project	EGSPEC	2014
30	Tamilarasan.J Shahulhameed.M Vedhanayagam.R	Best project	EGSPEC	2014
31	R. Giritharan	Best paper	Jayalakshmi Institute of technology	2014
32	R. Giritharan	Third Prize	Jayalakshmi Institute of technology	2014
33	S.Deepak Santh	Best Project	EGSPEC	2014
34	A.Balakrishnan	Best Project	EGSPEC	2014
35	Elakkiya.R	Best Project	EGSPEC	2014
36	Anu Radha.R	Best Project	EGSPEC	2014
37	Delphin Jenisha.J	Best Project	EGSPEC	2014
38	S. Pavithra Ms. Sukipriya R. Jayalakshmi	Best Project Award	E.G.S. Pillay Engineering College, Nagapattinam	2013
39	S. Sanjal	Quiz	M.A.M CET, Trichy	2012
40	S. Sanjal	Paper Presentation	„	2012
41	B. Dhinesh	Debugging/ Spirit2k12	J. J. College Of Engg, Trichy	2012
42	G. Arun Prasath	Gaming	J. J. College Of Engg	2011

43	C.Eswari P.Vijayalakshmi	Best paper	BCET	2012
44	Mohamed Ameer Ilxas.T R.Vinothbabu	Best paper	Dr.Navalar Neduchezhiyan college of engineering	2012
45	J.Sathesh kumar	Best paper	Anjalai ammal Mahalingam college of engineering	2012
46	R.Bakkiya lakshmi I-MCA S.Vasantha Meenakshi II- MCA S.Sowmiya II-MCA	Best paper	RVS institute of management studies and computer application	2012

### **5.3.4 Details of students representation in academic/administrative bodies.**

- Students have representation in Library committee.
- Students are running the department wise technical associations under the guidance of HOD's/nominated teachers.
- Students have representations in Bus committees for the smooth operation of the Transport Department of the college which has a fleet of 40 buses operating over a maximum one way distance of 70 km every day.
- Women students have representation in women welfare committee of the college.

## **5. 6. Criterion - VI: Governance, Leadership and Management**

### **6.1 Institutional Vision and Leadership**

#### **6.1.1 State the Vision and Mission of the College**

##### **Vision**

Envisioned to Transform Our Institution into globally  
**“Centre of Academic Excellence”**

##### **Mission**

Our Mission is to produce Proficient, Dynamic, Eminent Engineers and  
Administrators through Excellent Service.

##### **Quality Policy**

We commit ourselves to satisfy our student community through quality teaching  
and by concentrating on Teaching – Learning process

We strive to give continuous improvement and skill development  
to the students through team work.

### **6.1.2 How does the Mission statement define the Institution's distinctive characteristics?**

- The student admitted (almost 100%) are from rural areas hailing from poor families of fishing, farming and other streams.
- Mostly average students are coming for admission, while creamy layer students prefer city colleges.
- Being a rural area, the institution had to work hard to capture the minds of the parents over the years to send their children and that too the female children to our college for higher education in Engineering.
- Majority of the students study in Tamil Medium up to 12<sup>th</sup> standard and the college has additional responsibility to make the students learn English language being the medium of instruction in college is English.

### **6.1.3 How does the Governance provide effective leadership?**

- The management promotes the culture of participatory management.
- The Principal has been given full freedom and powers to lead the institution.
- The Advisor has close interaction with the management and principal.
- Governing body of the institution offers road map of holistic development of the college.
- The institution provides conducive atmosphere for the HOD's, Teachers, Non-Teaching staff, Administrative staff and others to enjoy working for the institution.
- The college believes in decentralization of the administration and participative management of various systems.
- The Principal and Faculty members are encouraged to participate in various capacity and leadership enhancement programmes run within and outside the college.

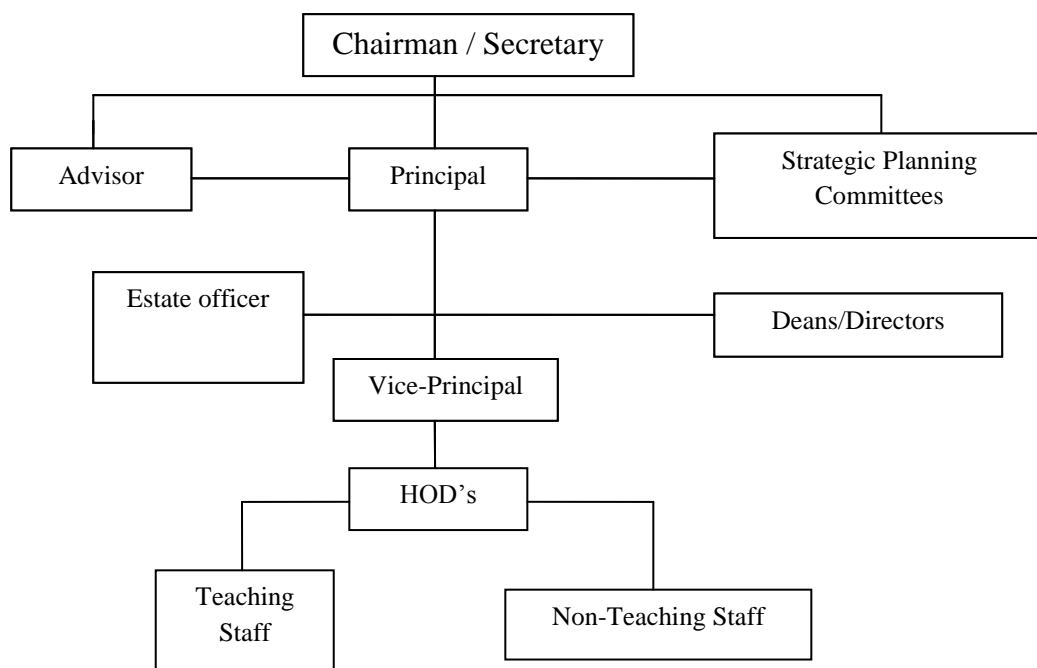
## **6.2 Strategy Development and Deployment**

### **6.2.1 Does the college have a perspective plan for the developments?**

- The college has a Master Plan for campus development with respect to infrastructure development.
- The college has constituted different committees to contribute for strategic planning to achieve the set goals.
- The college has short range and long range plans for taking the college to higher levels over the years.

### **6.2.2 Describe the Internal organization structure and decision making process.**

- The organization structure of the college is presented below.



### 6.2.3 Give broad description of the quality improvement strategies of the institution:

- Teaching and Learning:
  - ✓ Discipline and Education are given equal weightage
  - ✓ Continuous quality improvement in staff and students capabilities.
  - ✓ Every unit of the college has targets.  
(Dept: Monthly plans; Principal: Annual targets; Institution: Short range & long range plans)
  - ✓ Students and Staff welfare
  - ✓ Public relations and interaction with Government department.
- Research and Development:
  - ✓ Motivation of Staff and Students
  - ✓ Separate Department for R&D.
  - ✓ Organization of National and International Conferences/Seminars.
- Community Engagement:
  - ✓ The college has commendable rapport with Government Departments, Voluntary organizations, PRESS, etc.
  - ✓ The college organizes several Institutional social responsibility activities.
  - ✓ NSS and Students Technical Associations are encouraged to have continuous community engagement.
- Human Resource Management:

- ✓ Assessment of the HR requirement, selection of right man for right job, training for quality improvement and welfare measures are the priority areas.
- ✓ The institution has a good record of retention of the faculty members.

S.No	Name of the Faculty	Designation	Total Retention period in years
01	Dr.R.Karunanithi	Professor/Advisor	7
02	Dr.S.Ramabalan	Principal	5
03	Dr.R.Karthi	Director, MBA	12
04	Prof.B.Saravanakumaran	Assoc.Prof	13
05	Prof.S.Krishnamohan	Purchase Officer	13
06	Prof.N.Ramanujam	HOD, Mechanical	15
07	Prof.J.Vanitha	HOD, MCA	7
08	Mr.V.Sivaramakrishnan	AP, Mechanical	7
09	Prof.R.Anandraj	Assoc.Prof, EEE	9
10	Mr.Nanadhakumar	AP, EEE	15
11	Prof.M.Chinnadurai	HOD, IT	11
12	Prof.V.Mohan	HOD, EEE	8
13	Mr.N.Murali	AP, IT	6
14	Dr.B.Ravinrran	Dean, S&H	9
15	Ms.P.Jamunadevi	AP, Maths	7
16	Ms.K.Geetha	AP, English	5
17	Ms.S.Latha	AP, EEE	9
18	Prof.K.Parthasarathy	Assoc.Prof, ECE	8
19	Ms.R.S.Koteeswari	AP, ECE	7
20	Ms.J.Jeevamalar	AP, Mech	5
21	Ms.C.Mallika	AP, MCA	7
22	Dr.V.S.Rajakrishnan	Assoc.Prof, MBA	10
23	Ms.S.Mahalakshmi	AP, CSE	8
24	Mr.K.Balasubramaniyan	AP, CSE	7

- Industry Interaction:
  - ✓ The college has good rapport with PSU's (CPCL and ONGC), Government department, etc.
  - ✓ The college has established a Material Testing centre through which more than 20 Industries are in close contact.
  - ✓ Regular industrial visit of staff and students enhance industry interaction.
  - ✓ Organization of Joint programmes with Gov't Departments, PSUs, etc.,

**6.2.4 How does the Head of the institution ensure that adequate information is available for the top management to review the activities of the institution?**



- ✓ The office of the Secretary and Advisor is located adjoining to the Principal's office.
- ✓ The Secretary attends office in the FN and AN.
- ✓ The Principal, Advisor, Registrar and Vice Principal have good understating with each other and jointly plan for the growth of the institution.
- ✓ Frequent interactive meetings are held with the Secretary and on the spot decisions are made.
- ✓ Informations and feedbacks from College Alumni Association, Dept Alumni Association, Student Counselors, Parents and Students are continuously received and analyzed for strategic planning.
- ✓ Every unit of the college has targets. The target of the college is furnished below as a sample.

#### **Target for the Academic year 2014-2015**

- To encourage 10% of the faculty members to go for research oriented higher studies every year
- To encourage 30% of the faculty members to publish papers in reputed National and International journals
- To encourage 10% of the students and 20% of the faculty members to obtain assistance from UGC, AICTE etc., for major and minor projects
- To motivate atleast 30% of the students to take part in extra curricular activities such as Sports, Fine Arts, Yoga etc.,
- To increase the overall results of the college to 50% in each semester.
- To improve the department wise results to 70% in each year
- To increase the subject wise results to 90% and above.
- To purchase atleast two additional buses for the convenience of the students coming from remote areas

#### **6.2.5 Enumerate the resolutions made by the Management council in the last year and the status of implementation of such resolutions.**

- The following resolutions of the management committee were implemented

<b>S.No</b>	<b>Particulars of the Resolutions</b>	<b>Const Rs. Lakhs</b>	<b>Stage of implementation</b>
01	Modernization of Hostel	30.00	Completed
02	Digital Library	25.00	Completed
03	Increasing the strength of Buses from 36 to 40	60.00	Completed
04	Erection of solar cum wind turbine for power generation	6.00	Nearing Completion
05	Construction of Rainwater storage pond	5.00	Nearing Completion

06	Applying for Accreditation by NAAC	2.00	Nearing Completion
07	Construction of Students Centre	80.00	Work started

#### **6.2.6 How does the institution ensure that grievances/complaints are promptly attended to and resolved effectively?**

- The college has constituted a Discipline Committee to look after the students problems.
- The students are free to represent their grievances to the students counselor, HOD or Principal whenever they want.
- The Bus committee looks after the smooth functioning of the college Transport which has a fleet of 40 buses.
- Top most priority is given to attend the grievances of the students to settle the issues then and there.
- The quick decisions taken based on the feedback/complaints received from the students community, make the student community HAPPY.

### **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?**

- The institution assigns responsibility to each and every faculty. The output of the staff is reviewed, corrected/appreciated for increasing the effectiveness.
- Each department is encouraged to have its developmental programme such as workshops, seminars, faculty seminar etc.
- The institution organizes faculty development programmes continuously
- The teachers are encouraged to attend FDP's, Conferences etc arranged outside the institution.
- The teachers are deputed for higher studies providing sufficient week breaks and time table adjustments
- Teachers are rewarded for their contributions like 100% results in exams, getting funded research projects etc.,
- Non teaching staff also are deputed for higher studies , training programs etc.,

#### **6.3.2 Details of performance appraisal system of the staff.**

- The HOD closely monitors the day to day performance.
- The college has a clear cut performance appraisal procedure.

- The Principal collects the data on the performance of the staff at frequent intervals.
- The data on the performance are analysed and the non performing staff are motivated for enhancing their capabilities failing which alternate arrangements are made.

### **6.3.3 What is the welfare measure available for teaching and Non-Teaching staff?**

- The management sanctions interest free loans (recoverable in monthly installment) to meet the needs of the staff.
  - The management processes papers of the staff for arranging personal loans from banks.
  - The management sanctions loan to selected staff for meeting their urgent, medical and other expenses.
  - Festival Advances
  - Medical Leave/Vacation Leave for all staff
  - Group Insurance for Students/Staff
  - Issue of uniform to drivers/incentives for conservation of Diesel.
  - Free transport to selected staff with additional duties.
  - The college implements good pay package and annual increments/incentives which have enhanced the retentivity of staff.
  - The college disburses the salary in the 1<sup>st</sup> week of every month without fail
  - Women welfare committee looks after the welfare of women
  - The college maintains the Employee Provident Fund scheme operated by Government of India.
- ✓ No. of Staff benefited by EPF Scheme: 72 Faculty + 20 Nonteaching staff
  - ✓ Contribution of the staff towards EPF: Rs.1.46 lakhs/month.

### **6.3.4 What are the measures taken by the Institution for attracting and retaining eminent faculty?**

- The college provides good working atmosphere for staff to work.
- The college gives full freedom to work for self development and for the institution development.
- Specific assignments like Accreditation by NBA, Institution Industry Interaction, Training and Placement Cell, R & D Cell etc. are earmarked to attract eminent faculties.
- The institution has a good record of retention of the faculty members.
- The college offers good pay package and welfare measures to the staff.

<b>S.No</b>	<b>Name of the Faculty</b>	<b>Designation</b>	<b>Total Retention period in years</b>
01	Dr.R.Karunanithi	Professor/Advisor	7
02	Dr.S.Ramabalan	Principal	5
03	Dr.R.Karthi	Director, MBA	12
04	Prof.B.Saravanakumaran	Assoc.Prof	13
05	Prof.S.Krishnamohan	Purchase Officer	13
06	Prof.N.Ramanujam	HOD, Mechanical	15
07	Prof.J.Vanitha	HOD, MCA	7
08	Mr.V.Sivaramakrishnan	AP, Mechanical	7
09	Prof.R.AnanDraj	Assoc.Prof, EEE	9
10	Mr.Nanadhakumar	AP, EEE	15
11	Prof.M.Chinnadurai	HOD, IT	11
12	Prof.V.Mohan	HOD, EEE	8
13	Mr.N.Murali	AP, IT	6
14	Dr.B.Ravindran	Dean, S&H	9
15	Ms.P.Jamunadevi	AP, Maths	7
16	Ms.K.Geetha	AP, English	5
17	Ms.S.Latha	AP, EEE	9
18	Prof.K.Parthasarathy	Assoc.Prof, ECE	8
19	Ms.R.S.Koteeswari	AP, ECE	7
20	Ms.J.Jeevamalar	AP, Mech	5
21	Ms.C.Mallika	AP, MCA	7
22	Dr.V.S.Rajakrishnan	Assoc.Prof, MBA	10
23	Ms.S.Mahalakshmi	AP, CSE	8
24	Mr.K.Balasubramanian	AP, CSE	7

## 6.4 Financial Management and Resource Mobilization

### 6.4.1 What is the institutional Mechanism to monitor effective and efficient use of financial resources?

- Annual budget is prepared with the details of forecast from every department.
- Budget allocation for individual department is made.
- Expenditure review meetings are held for utilizing the budget provision.
- The Governing council elaborately discuss on the budget and its utilization.
- The board of trustees takes decision on financial resources mobilization for selected projects. During the year 2013, the college with the approval of the Board of trustees availed loan of Rs.3.00 crores for construction of SJ Block.

#### **6.4.2 What are the institutional mechanisms for internal and external audit?**

- Internal audit is done by a team consisting of the Secretary, Advisor, Registrar and Purchase Officer.
  - ✓ New procedures for purchase of lab equipments were implemented.
  - ✓ Delegation of powers to incur urgent expenditure by Principal and HODs.
  - ✓ The external Audit is done by Chartered Accountants.
  - ✓ Our college is an ISO 9001:2008 Certified organization and Quality Audit is taken up by M/s TUV NORD India Pvt Ltd, the ISO Certification Company at periodical intervals.
  - ✓ Internal quality audit is done by team of Staff of the college as per ISO Certification company's Requirements.

#### **6.4.3 What are the Major Sources of Institutional receipts / funding and how is the deficit managed?**

- The major source of institutional receipts is the students fees
- The Trust members contribute funds whenever deficit occurs.
- College avails Bank loan whenever needed

The audited statement of income and expenditure for the last three years is attached in the annexure.

#### **6.5 Internal Quality Assurance System (IQAS)**

##### **6.5.1 Has the institution established an internal quality assurance cell (IQAC)? If Yes what is the policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance process?**

- Our college is applying for first level accreditation by NAAC.
- The IQAS will be followed as per the instruction of NAAC.

##### **6.5.2 Does the institution provide training to its staff for effective implementation of the quality assurance process?**

- The staffs have been trained by M /s TUV NORD India Pvt Ltd., the ISO Certification Company to document the data on the performance of the institution. They are maintaining a total number 32 numbers of quality audit files in each department as per the requirement of the ISO certification company.

##### **6.5.3 What are the institutional mechanisms in place to continuously review the teaching learning process?**

- HOD conducts class committee meetings (3 per semester)

- Student counselor meeting with students (3 per semester)
- Student counselor meeting with Principal (1 per semester)
- Monthly statement of work done is submitted to the Principal by the HODs.
- Log Book/Attendance/Class program registers are maintained by the class teacher.
- Preparation of progress reports for each of the students for sending to the parents.
- E-Governance and computerization of data for student's performance monitoring system.

**6.5.4 How does the institution communicate its quality assurance policies, mechanism and outcomes to the various internal and external stakeholders?**

- The documentation in respect of various quality parameters as formatted by the ISO Certification Company is done by a team of staff in every department.
- The ISO certification company imparts training to all the staff members of the college twice in a year.
- The quality policy, vision and mission are displayed in all prominent places.
- Worth mentioning developmental measures and achievements of the college are published in leading newspapers/electronic media
- The outcome of the quality polices is significant, which enables the institution to stay in the 1<sup>st</sup> place in this region (Among 8 Engineering colleges) in respect of admission of students, student's progression, campus recruitment etc.

**5.7. Criterion - VII: Innovations and Best Practices**

**7.1 Environment Consciousness**

**7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?**

- The college has constituted a Campus Green Audit committee consisting of the following members
 

Mr.S.Paramesvaran, Secretary	-	Chairman
Dr.R.Karunanithi, Advisor	-	Member
Dr.S.Ramabalan, Principal	-	Member
Mr.B.Saravanakumaran, Registrar	-	Member
Mr.V.Mohan, Vice-Principal	-	Member
Mr.N.Murali, Assoc.Prof/IT	-	Member Secretary
- The campus green audit committee has suggested the following projects in respect of campus beautification and also environment protection, considering the non-availability of ground water in the campus.
  - ✓ Campus beautification with perennial trees ornamental plants.

- ✓ Treatment of waste water coming out of Hostel kitchen and usage of the same for watering the plants.
- ✓ Development of Rainwater collection storage/usage system.
- ✓ Involving the students in “Tree Planting and Care Programme” under “Adoption of 2 Trees by one student” scheme.
- NSS team and student volunteers frequently undertake campus cleaning campaign.
- Gardenertake care of the gardens and the trees planted in the campus.
- 14,40,000 liters of waste water per year is treated and used for gardening. A sum of around Rs.1.00 lakh per year is saved. This is highly appreciable because every Drop of water in being purchased and transported from faraway places.

#### **7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?**

- Water Harvesting
  - ✓ There are two numbers of Rainwater collection and storage ponds. 60,00,000 litres of rain water is stored and used for wash room purposes and gardening. We save around 4,50,000 per year.
  - ✓ Waste water from hostels and wash rooms is collected, treated and used for gardening. 14,40,000 liters of water per year is treated and used for gardening purposes. We save Rs.1.00 lakh per year
- Renewable Energy
  - ✓ The college has installed solar cum wind operated power generation system.
  - ✓ The college has a solar based lighting,water heating and water pumping systems.
- Energy Conservation
  - ✓ To save power solar operated street lights, water pumping devices and water heaters are installed.
  - ✓ CFL, LED and other devices are used for energy conservation.
  - ✓ College has installed solar cum wind operated power generation unit at a cost of Rs.8.00 lakhs
- Eco Friendly Campus
  - ✓ Waste water treatment and Bio-Drainage system.
  - ✓ Plastic free campus
  - ✓ Paperless communication facilities.
  - ✓ Involvement of students for greening the campus

## **7.2 Innovations**

### **7.2.1 Innovations introduced for effective management/function of the institution.**

#### **Office Administration:**

- Computerized students performance monitoring system for speedy retrieval of data.
- College website for all types of communications to facilitate speedy and paperless administration.
- Bio-metric attendance system for the staff.

#### **Energy Conservation/Protection of Eco-System**

- Solar water heater and solar lights for conserving energy
- Investigation on the efficacy of solar cum wind operated power generation system in coastal areas.
- Rain water harvesting and storage units.
- Waste water treatment and usage for gardening.
- Usage of CFL and LED devices

#### **Research & Development**

- AICTE sponsored Research Projects.
- AICTE/Anna University sponsored Faculty Development and Training Programmes
- Institutional projects on energy conservation and protection of Eco-Systems.
- Computerization of staff and student information system.
- Preparation of project proposals by staff for submission to AICTE/UGC seeking financial assistance.

#### **Student Progression**

- Discipline and Education are given equal weightage.
- Special programmes suitable for empowering rural based and Tamil Medium students.
- Effective Transport system with a fleet of 40 buses to meet the needs of large number of day scholar students.
- Active placement and training call achieving maximum placements through campus interviews (307 placements in 2013-2014)
- Education for large number of scheduled caste students (262 SC Students in 2013-14) and large amount of women students (803 in 2013-14)



- Appreciable Number and quantum of scholarships for SC, MBC,BC and First graduate students. (1227 Students and total amount of Rs. 221.30 lakhs during 2013-2014)

### **Social Responsibilities**

- The staff and students of our institution are always concerned about the poor and under privileged people in general and the people of Nagapattinam District in particular. The contribution of our staff and students at the time of deadly “TSUNAMI” is worth mentioning. The affected people of TSUNAMI Disaster were provided accommodation in the campus of our institution for over two year till alternate housing / rehabilitation was provided by the Government of Tamil Nadu.
- All the students of our Institution numbering 2000 were instrumented in planting around 4 lakhs Number of plants along the sea coast of Nagapattinam which became a Guinness Record.
- All the staff and students of our institution numbering 2500 attended “Organ Donation Campaign” organized in the institution and volunteered to donate their organs.
- Our students are regularly donating blood to save the lives the people of Nagapattinam District.
- Under the scheme of implementations of transfer of proven engineering technologies our institutions is maintain the sloar fish drying unit installed by the Nagapattinam Municipality.

### **7.3 Best Practices**

- Construction and Practical use of two number of rain water collection and storage ponds which have become as an ocular demonstration unit creating awareness among the organizations and people of coastal Nagapattinam district which has deficit underground water potential.
- Installation of solar cum wind operated power generation unit which is expected to create awareness for adoption and to facilitate utilization of solar and wind power which are abundant in the coastal Nagapattinam district.
- Installation of waste water treatment system to treat the effluent water of the student’s hostel has enabled to protection of the environment and also facilitated irrigation to theplants and trees.

## **5.8. Presentation of Best Practice – I**

### **1. Title of the Practice**

**Studies on the efficacy of Rainwater harvesting system under Nagapattinam coastal situation.**

### **2. Goal**

E.G.S Pillay Engineering college is located on the coast of Nagapattinam at a distance of 2 km away from the sea. The site has no underground water potential. Entire requirement of the water for the campus is Drawn from outside which involves time, energy and cost. Nagapattinam receives a total rainfall of around 100 cm in a year. Hence, it is our goal to harvest entire quantity of rainwater received in the campus with a view to save the expenditure on water bill and to charge the ground water which is highly saline.

### **3.The Context**

The site in which E.G.S Pillay Engineering college is located is lying on the East Coast of Nagapattinam town. The ground water is of high salt content and it is not for any use. The entire requirement of water for the campus is transported from far off a place which involves high cost, time and engery. Fortunately Nagapattinam receives a maximum rainfall of 100 cm per year, 75% of contribution being from North East monsoon. If the rainfall received in the campus over the total area of 25 acres is collected and stored in natural ponds, there will be huge saving in expenditure but also there is chance of improving the quality of ground water over the years.

### **4.The Practice**

There are two rain water collection ponds in the campus out of which one pond of 4000 square metre area has been newly created. The rainwater received on roof tops of the building is also made to run into the pond with properly designed pipeline systems. The pond has the storage capacity of 6000 m<sup>3</sup> of water. The system is working well for the past 1 year and the stored rainwater is used for gardening and washroom purposes resulting in considerable saving in expenditure in purchasing of water by tanker trucks from far off places. Besides this all the buildings (6 Nos) have been provided with rainwater collection system to recharge the underground water source.

### **5. Evidence of Success**

The Rainwater harvesting system is a permanent structure created in our college. It has been working well during the last one year. The stored rainwater is used for gardening and washrooms purposes.

The result indicates that there is great scope for creation of hundreds of such rainwater storage ponds which will be highly useful for Nagapattinam coastal areas where water scarcity prevails.

## **6. Problems encountered and Resources required**

- Complete surveying of the area has to be done.
- Roof top rainwater has to be conveyed through proper pipelinesystem.
- Civil workviz. surplus water outlet is required
- Water pumping systems have to be installed for using the stored water.

## **7. Notes**

- Design and Development of Rainwater collection, Storage and usage system are simple and very much needed technology for the water searce areas. Ocular demonstration of such working models is expected create impact on greater use of the technology.

## **8. Contact Details**

Name of the Principal	Dr.S.Ramabalan
Name of the Institution	E.G.S Pillay Engineering College
City	Nagapattinam
Pin code	611002
Accredited Status	Application for First cycle in under review by NAAC
Work phone	04365-251112
Website	<a href="http://www.egspec.org">http://www.egspec.org</a>
Mobile	9894831458
Fax	04365-251114
E-mail	principal.egspec@gmail.com

## **5.9 Presentation of Best practice - II**

### **1. Title of the Practice**

**Feasibility testing and Extension of the Technology of solar cum wind operated power generation system.**

### **2. Goal**

Our institution is located in the coastal area of Nagapattinam district which has a sea coast running over a stretch of around 150km. Enormous amount of sunshine and wind are available in the entire sea cost of this district. Our goal of the project is to

undertake test verification and extension work of this technology through ocular demonstration of the model unit and offering technical knowhow.

### **3.The Context**

It is needless to emphasize that Tamil Nadu is facing deficit power supply causing hurdles and hardships in every aspect i.e. from normal life to industrial activity. Already, the technology of windmill power generation technique is widely practised and useful results have been achieved. Wind mill power generation system becomes inoperative when the wind velocity becomes lower than the required wind velocity. Solar power generation units have proven benefits and certain shortcomings. Combination of Solar and Wind energy technologies has yielded fruitful results in many places. Nagapattinam district blended with 150km stretch of coastal belt has abundant sunshine and wind. It is expected that attempts on feasibility study on solar cum wind operated power generation unit would be an eye opener in finding a solution to power crisis and also for utilizing the renewable energy sources.

### **4.The Practice**

The project on Feasibility Testing and Extension of Technology on Solar cum Wind operated power generation system has been started in the year 2013. The prototype unit of a 5 KW Wind Hybrid (Wind 60% and Solar 40%) solar cum wind operated power generation unit has been installed in the college campus.

### **5. Evidence of Success**

The technology is proven and the unit is expected to run successfully.

### **6. Problems encountered and Resources required**

- The prototype unit of solar cum wind operated power generation is available only with limited organizations. Extraordinary time delay is experienced in shipping the unit by the supplier and executing erection of the unit.
- The cost of the project is Rs.8.00 lakhs.
- Requires technical man power for installation and demonstration of the working.

### **7. Notes**

- The solar cum wind operated power generation system has great scope, especially in coastal areas where in sunshine and wind energy are abundant.
- The payback period of the project is calculated as 8 years, beyond which period, the power produced will be free of cost.

## 8. Contact Details

Name of the Principal	Dr.S.Ramabalan
Name of the Institution	E.G.S Pillay Engineering College
City	Nagapattinam
Pin code	611002
Accredited Status	Application for First cycle in under review by NAAC
Work phone	04365-251112
Website	<a href="http://www.egspec.org">http://www.egspec.org</a>
Mobile	9894831458
Fax	04365-251114
E-mail	principal.egspec@gmail.com

## 6. EVALUATIVE REPORT OF THE DEPARTMENTS

The Self evaluation of every department of the college is presented below.

### 6.1. Mechanical Engineering

#### 1. Name of the Department & its year of establishment

S.No	Name of the Department	Year of establishment
1.	B.E(Mechanical Engineering)	1995
2.	M.E(Manufacturing Engineering)	2011

#### 2. Name of Programme / Course offered

S.No	Name of the Programmes Offered	UG/PG
1.	Mechanical Engineering	UG
2.	Manufacturing Engineering	PG

#### 3. Inter disciplinary course and departments involved: NIL

#### 4. Annual/Semester/Choice based Credit System:

Semester system as per the guidelines of the Anna University.

#### 5. Participation of the department in the course offered for by other departments

S.No	Inter disciplinary courses offered	Name of Departments involved
1.	Engineering Graphics	Mech,ECE,EEE,IT,CSE,Civil
2.	Engineering Mechanics	Mechanical Engineering, ,Civil
3.	Basic Mechanical Engineering	EEE

#### 6. Number of Teaching Posts sanctioned and filled

S.No	Name of the Teaching Post	Sanctioned	Filled
01	Professor	2	2
02	Associate Professor	4	4
03	Assistant Professor	16	16

### 7. Faculty Profile with Name, Qualification, Designation, Specialization

#### 7.1 Under Graduate Program:

Name of UG Program: Mechanical Engineering

S.No	Name of the Faculty	Qualification	Designation	Specialization	Experience	No. of UG/PG/Ph.D Students Guided
1.	Dr. S.Ramabalan	ME, Ph.D	Professor/ Principal	Robotics	16	40(UG) 2(PG) 5(Ph.D)
2	Mr. N.Ramanujam	M.Tech (Ph.D)	Asso.prof.	Manufacturing	18	60(UG) 4(PG)
3	Mr.G.Gurumoorthy	M.E (Ph.D)	Asso.prof	Thermal power	13	40(UG)
4	Mr. S.Krishna Mohan	ME, (Ph.D)	Asso.prof	Manufacturing	15	40(UG) 4(PG)
5	Mr. V.Sivaramakrishnan	ME, (Ph.D)	Asst.prof	Manufacturing	6.8	36(UG) 2(PG)
6	Mrs. J.Jeevamalar	ME, (Ph.D)	Asst.prof	Manufacturing	3.10	24(UG)
7	Mr. R.Sundar,	ME	Asst.prof	CAD	4.10	24(UG)
8	Mr. B.Manikandan,	ME	Asst.prof	CAD	4	16(UG)
9	Mr. G.Surendar	ME	Asst.prof	CAD	4	12(UG)
10	Mr. V.Manathunai Nathan	ME	Asst.prof	Engg.Design	1.11	12(UG)
11	Mr. G.Sundaravadivel	ME	Asst.prof	Manufacturing	1.11	16(UG) 2(PG)
12	Mr. J. Raja	ME	Asst.prof	Engg.Design	1.10	8(UG)
13	Mr. Senthil Nathan	ME	Asst.prof	Engg.Design	3.2	8(UG)
14	Mr.G.Hari narayanan	ME	Asst.prof	Manufacturing	2.10	8(UG)
15	Mr.N.Sankar	ME	Asst.prof	Energy	7.9	24(UG)
16	Mr.C.Manikandan	ME	Asst.prof	Thermal	1.6	8(UG)
17	Mr. A.Edwin	ME	Asst.prof	Manufacturing	2.10	8(UG)
18	Ms. S.Gokila	ME	Asst.prof	Industrial engg	10moths	8(UG)
19	Mr. D.Balaji	B.E	Lect	Mechanical	1.10	8(UG)

## 7.2 Post Graduate Program:

**Name of PG Program: Manufacturing Engineering**

S.No	Name of the Faculty	Qualification	Designation	Specialization	Experience	No. of PG/Ph.D Students Guided
1.	Dr.R.Karunanidhi	M.E.,Ph.D	Professor	Farm Machinery	41	10(PG) 5(Ph.D)

2.	Mr.R.Rangarajan	M.E.,(Ph.D)	Asst.Prof	Energy Tech	7	20(UG) 2(PG)
3.	Mr.K.Ramadoss	M.E.,(Ph.D)	Asst.Prof	Rotodynamic Machines	5.10	20(UG) 2(PG)

**8. Percentage of Class taken by Temporary Faculty: NIL**

**9. Program wise Student – Teacher Ratio**

S.No	Program	Student – Staff Ratio
01	UG	15:1
02	PG	12:1

**10. Number of Academic Support Staff, Technical and Administrative Staff**

S.No	Staff Category	Sanctioned	Filled
01	Technical	5	5
02	Administrative Staff	1	1

**11. List of Senior Visiting Faculty**

S.No	Name & Designation of Visiting Faculty	Remarks
01	Dr R.Elanchezian,Professor	Pondicherry Engg. College
02	Dr.S.Ramanathan,Professor	Annamalai University
03	Dr.V.Ananthakrishnan, Professor	NIT,Trichy

**12. Qualification of Teaching Faculty with Ph.D/M.Phil/P.G**

S.No	Name of the Faculty	Designation	Qualification	Specialization
1.	Dr. S.Ramabalan	ME, Ph.D	Prof	Robotics
2	Mr. N.Ramanujam	M.Tech (Ph.D)	Asso.prof.	Manufacturing
3	Mr.G.Gurumoorthy	M.E (Ph.D)	Asso.prof	Thermal power
4	Mr. S.Krishna Mohan	ME, (Ph.D)	Asso.prof	Manufacturing
5	Mr. V.Sivaramakrishnan	ME, (Ph.D)	Asst.prof	Manufacturing
6	Mrs. J.Jeevamalar	ME, (Ph.D)	Asst.prof	Manufacturing
7.	Mr. R.Sundar,	ME	Asst.prof	CAD
8.	Mr. B.Manikandan,	ME	Asst.prof	CAD
9.	Mr. G.Surendar	ME	Asst.prof	CAD
10.	Mr. V.Manathunai Nathan	ME	Asst.prof	Engg.Design
11.	Mr. G.Sundaravadivel	ME	Asst.prof	Manufacturing
12.	Mr. J. Raja	ME	Asst.prof	Engg.Design
13.	Mr. Senthil Nathan	ME	Asst.prof	Engg.Design
14.	Mr.G.Hari narayanan	ME	Asst.prof	Manufacturing
15.	Mr.N.Sankar	ME	Asst.prof	Energy



16.	Mr.C.Manikandan	ME	Asst.prof	Thermal
17.	Mr. A.Edwin	ME	Asst.prof	Manufacturing
18.	Ms. S.Gokila	ME	Asst.prof	Industrial engg

**13. Number of Faculty with ongoing projects from National/International funding agencies and grants received**

S.No	Name of the Faculty	Name of the Programme	Funding Agencies	Grant Received
01.	Dr.R.Karunanithi	RPS-2014	ACITE	3.25
02.	Dr.S.Ramabalan	Rain water harvesting	College	10.00
03.	Mr.K. Ramadoss	Solar cum wind operated power generation	College	10.00

**14. Research Centre / Facility recognized by the University: Annamalai University**

**15. Publications**

**15.1 Particulars of Papers published in peer reviewed Journals (National/International) by the Faculty and Students**

S.No	Name of the Authors	Title of the Paper	Name of the Journal	Page no/ Vol. No.	Year of Publication
1	H.B. Michael Rajan, S.Ramabalan, I. Dinakaran and S.J. Vijay	Effect of TiB <sub>2</sub> content and temperature on sliding wear behavior of AA7075/TiB <sub>2</sub> in Situ aluminium cast composites	Archives of Civil and Mechanical Engg	Volume 14, Number 1, pp.72-79	2014
2	N.Godwin Raja Ebenezer, R.Saravanan, S.Ramabalan and R. Natarajan	Evolutionary Optimum Design for Task Specified 6-Link Planar Robot	International Review of Mechanical Engineering	Volume 8, Number 1, pp.39-54	2014
3	T. Pushparaj, S.Ramabalan and V. Arul mozhi selvan	Investigations on the effect of bio fuel enhancer additive with cashew nut shell liquid biodiesel blends on engine performance and pollutant emissions in a diesel engine	Advanced Materials Research	Volume 768, pp.238-244	2013
4	T. Pushparaj,	Experimental	Advanced		March 2014

	S.Ramabalan and V. Arul mozhi selvan	investigation on the effects of diethyl ether additive on cashew nut shell liquid biodiesel	Materials Research		
5	T. Pushparaj, S.Ramabalan and V. Arul mozhi selvan	Green fuel design for diesel engine combustion, performance and emission analysis	Procedia Engineering	Volume 64, pp.701-709	2013
6	K.Ramadoss	Experimental Investigation of Performance and Emission Charaterstics by different exhaust gas Recirulation methods used in diesel engine	Global Journal of Researchers in Engineering	Vol.13 No.1	2013
7		A survey of Sewage water recovery process by Tire:Potential methodology in water treatement	International Journal of Science and Research	Vol.2 No.12	2013
8		Performance charatecstics of Diesel engine fuelled with the blends of Diesel-Biodiesel ethonal.	International Journal of Scientific & Engineering Research	Vol.4 No.C	2013
9		Experimental Investigation of Biodiesel fuelled variable C.I Engine	AIIS Journal Current development in Mechanical Engineering	Vol.1 No.1	2013
10		Study on the influence of nanoadditives on surface roughness od newly synthesized magnesium alloy during turning opern	IJCTR CODEN (USA)	Vol.6, No.3, pp-1739-1742	2014

11	C.Manikandan	Numerical Simulation of flow inside the square cavity	International Journal of Technical Research and Applications	Vol.2,pp-87-94	2014
12		A comparative analysis of convetional building vs proposed green building by energy modeling	International Journal of Mechanical Engineering and Material Sciences	Vol.5, No.2	2012

### 15.2 Books, Manuals, Question Banks, Resource Materials Edited / Published

S.No	Name and Designation of the Author	Title of the Books, Manuals, Question Banks, Resource Materials	Name of the Publisher
1.	Dr.S.Ramabalan	Basic Civil and Mechanical Engg.	Tri Sea Publishers
2.	Dr.S.Ramabalan	Engineering Practice Manual	College
3.	Dr S. Ramabalan	Robo Trajectory optimization through intelligent Techniques	J.K International Publishers

### 15.3 Number of publications listed in International Database: NIL

### 16. Areas of Consultancy and Income generated: NIL

### 17. Faculty as Members in National/International committees, Editorial Boards etc.,:

Dr.S.Ramabalan is a member of Editorial board/reviewer of the following Journals.

1. Advances in Robotics Research (ARR), Techno press journals, Korea.
2. Asian Journal of Engineering and Applied Technology (AJEAT), The Research Publication, India.
3. Robotica, Cambridge University Press, UK
4. Journal of Engineering and Technology Research, Academic Journals, Nairobi.
5. Information Sciences, Elsevier publications.
6. Applied Soft Computing, Elsevier publications.
7. Frontiers of computer science in china, Springerlink publications
8. International Journal of control, automation and systems, Springerlink publications
9. World Applied Sciences journal, International Digital Organization for Scientific Information (IDOSI).
10. Research in computer Science Journal, National Polytechnic Institute, Mexico

11. International journal of physical science, Academic journals, Nairobi
12. Applied Computational Intelligence and Soft Computing, Hindawi Publishing Corporation, USA.
13. International Journal of Advanced Robotics Systems, InTech Publications.

### 18. Students Projects

S.No	Year	Total Students	In house Projects		Collaborative with Industries	
			No.	Percentage	No.	Percentage
01	2011 – 12	65	60	92.308	5	7.692
02	2012 – 13	94	94	100	NIL	NIL
03	2013 –14	112	104	92.857	8	7.143

### 19. Awards / Recognition received by Faculty and Students

S.No	Name of the Staff / Student	Name of the Award	Awarding Organization	Year
01.	K.Ramadoss	Best Attractive speaker	Dept.of English	2014
02.	Sakthi murugan.V	Paper presentation	R.V.S.College of Engg.&Tech.	2012
03.	Sakthi murugan.V	Technical Quiz	R.V.S.College of Engg.&Tech.	
04.	Syed Bava Bakrudeen	Best Paper	Annai College of Engg.&Tech.	
05.	S.Sadish	Paper presentation	Gopal Ramalingam Memorial Engg.College	2013
06.	S.Syed Jahir Hussain	Paper presentation	Gopal Ramalingam Memorial Engg.College	
07.	R.Karthikeyan	Paper presentation	Annai College of Engg.&Tech.	
08.	J.Manikandan	Paper presentation	Annai College of Engg.&Tech.	

### 20. List of Eminent Academicians and Scientists/Visitors to the Department

S.No	Name and Designation of the Dignitary	Date of Visit	Purpose
01	Mr. V. Vijayan PRIT, Chennai	22.12.2014	Seminar in our Faculty
02	Mr.S.Navanithan PRIT, Chennai	24.12.2014	Seminar in our Faculty
03	Dr.S.Suresh Kumar SSN College of Engineering, Chennai	12.12.2014	Seminar in our Faculty

04	Dr.A.Anvar Ahamed E.G.S.Pillay Arts & Science	04.09.2014	Guest Lecture
05	Dr.M.Kantha Babu College of Engineering Guindy ,Chennai	13.09.2014	Guest Lecture
06	Dr.P.Prakash Arasu Engineering College, Kumbakonam	16.05.2014	Guest Lecture
07	Dr.V.Jayaprakash Saranathan Engineering College,Trichy	06.05.2014	Guest Lecture
08	Dr.V.Anadha Krishnan NIT,Trichy	12.04.2014	Guest Lecture
09	Dr.S.Jayabal ACCET,karakudi	19.04.2014	Guest Lecture
10	Dr.G.Jayaprakash,Prof in Saranathan Engg.College	7/5/2014 8/5/2014	Guest lecture
11	Dr.V.Ananatha Krishnan, Prof in NIT,Trichy	22/01/2013	Improvement of laboratory
12	Dr R.Elanchezian, Prof in Pondicherry	18/04/2012	Seminar in our Faculty
13	Dr.S.Ramanathan, Prof in Annamalai university	17/09/2012	Visiting our Laboratory

## 21. Seminars/Conference/Workshops and Source of Funding

### 21.1 International Conferences

S.No	Name of the International Conferences	Year of Program	Date	Funding Agency
01	IEEE-ICAESM-2012 & ICAET-2012	2011 – 12	30.03-2012 31.03.2012	Management
02	IEEE-ICRDPET-2013	2012 – 13	29.03.2013 30.03.2013	Management
03	IEEE-ICAET-2014 & ICIRET-2014	2013 – 14	02.05.2014 03.05.2014	Management

### 21.2 National Conferences, Seminars, Symposium, Talent Shows Conducted

S.No	Name of the Program	Year of Program	Date
01	MECHO'S SAPIENSIA'2012	2011 – 12	10/02/2012
02	Seminar in Composite Materials	2012 – 13	08/07/2012
03	Nuclear Technology	2013 – 14	03/07/2013
04	Appraise Water Jet machining	2014 – 15	13/09/2014
05	ASNT NDT LEVEL II (UT) - Certification	2014 – 15	16.06.2014 to 23.06.2014
06	ASNT NDT LEVEL II (MPT) -		22.12.2014

	Certification		To 28.12.2014
07	One day national Workshop on “ Application of modeling & Simulation technique to Practical Fields of Mechanical Engineering		12.12.2014
08	Motivation Program for III year Mechanical Engineering Students		04.09.2014
09	Guest Lecture on “ Engineering Mechanics” (First Year (Mech & Civil)		06.05.2014 to 08.05.2014
10	Guest Lecture on “ Manufacturing Technology & Quality Engineering”		16.05.2014
11	Guest Lecture on “ Lean Manufacturing”		19.04.2014
12	Guest Lecture on“ MEMS”		26.04.2014
13	Two days Workshop On “ Engineering in Every Day Life WHEELS2014”		28.04.2014 to 29.04.2014

## 22. Student Profile Programme / Course wise

Name of the Course  Batch of the Student	UG or PG	Selected		Pass Percentage	
		Male	Female	Male	Female
2008 – 2011	UG	66	--	58%	--
2009 – 2012		65	--	65%	--
2010 – 2013		94	--	83%	--
2012 – 2013	PG	14	--	64%	--

## 23. Diversity of Students

Students Batch	% of Students of Tamil Nadu	% of Students from Other State	% of Students from Abroad
2007 - 2011	100	NIL	NIL
2008 - 2012	100	NIL	NIL
2009 - 2013	100	NIL	NIL
2010 - 2014	97.3	2.68	NIL

**24. How many Students have cleared National and International Competitive examinations such as NET, SLET, GATE, Civil Services, Degree Service etc.: NIL**

## 25. Student Progression

Category	Percentage
UG to PG	08%
PG to M.Phil	00%
PG to Ph.D	05%
Employed	35%
Campus Selected	26%
Other than Campus Selected	20%
Entrepreneurship / Self employer	06%

## 26. List of Illustrious Alumni

S.No	Name	Batch	Present Position	Name of the Company
1.	Mr. S.P. Saravanan	1996-2000	Project Manager	Cognizant
2.	Ms. Nithyapriya		Software Engineer	CAPGEMINI
3.	Mr. Jaganathan		Project Head	HCL
4.	Mr. Sabarinathan		Software Engineer	IBM(USA)
5.	Mr. Sunil kumar		Project Manager	TCS
6.	Mr. Jayaseelan		Technical Leader	TCS
7.	Ms. Iswarya	2003-2007	Software Engineer	TCS
8.	Mr. Vijayan		Technical Leader	SYNTEL
9.	Mr. Veeramani		Service Engineer	HOV Services
10.	Mr. Nagaraj		Service Engineer	HOV Services
11.	Mr. Sowrirajan		Software Engineer	TCS
12.	Mr. T. Ganesh	2005-2009	Programmer	FORD S/w Systems
13.	Mr. T. kaleeswaran		Software Engineer	MahinDra Sathyam
14.	Mr. B. Prakash		Software Engineer	CNSI
15.	Mr. Nagaraj		Programmer	Global AnDroid
16.	Mr. N.Arivoli		Software Engineer	IBM
17.	Mr. D. Sivasankaran		Software Engineer	CTS
18.	Mr.R.Ramkumar	2006-2010	Senior Programmer	Ten20.uae, Dubai
19.	Mr.P.Karthikeyan		Senior Programmer	MaxDeals.com, Dubai
20.	Mr.S.Saravanan		Senior Programmer	MaxDeals.com, Dubai
21.	Mr.Vijayakumar		Software Tester	HovService
22.	Mr.P.Adhisesan		System Admin	Bank of Newyork Mellon

23.	Mr.S.Saravanan	2006-2010	System Admin	IBM, Bangalore
24.	Mr.Ezhilarasan		Database Manager	Bel Database, Chennai
25.	Mr.Md.Dhasneem		Business Developer	Talip Software,Chennai
26.	Mr.Venkatesan		.NET Developer	Tulip Bilop Software, Chennai
27.	Arun .A	2009-2013	Customer Sales Specialist	Eureka Forbes
28.	Hariharan N			
29.	Krishna kumar			
30.	C.Manikandan			
31.	G. Manikandan		Customer Sales Specialist	Eureka Forbes
32.	J.manikandan			
33.	Muruganantham P			
34.	Prasath.A			
35.	Rajesh T			
36.	Sakthi murugan.V			
37.	Vimal prabu.V			
38.	Vimalraj.S			
39.	Arumugam M			
40.	Arun prasath R			
41.	Dinesh Kumar G	Trainee Engineer	Precision Engineering	
42.	Edward Amalraj K			
43.	Ganesh Kumar V			
44.	Manikandan C			
45.	Prabhakaran S			
46.	Prabhu N			
47.	Raju G			
48.	Sudhrsas S			
49.	Vadivazhagan B			
50.	Vinoth kumar R			Trainee Engineer

## 27. Details of Infrastructural Facilities

### a) Library

**Department Library:** Available with Text Books, Reference Books, Project Reports, CD Documents, Course Files

**Book Bank Scheme:** No

**b) Internet Facilities for Staff and Students:** Available at any time (e-Journals facilities like IEEE, ACM, Science Direct, NPTEL Courses, e-Box Scheme)

**c) Class Room with ICT Facilities:** One class room is provided with LCD Projector and other ICT facilities.

### d) Laboratories



<b>S.No</b>	<b>Name of the Laboratory</b>
1.	Thermal Engineering lab(I.C.Engines)
2.	Thermal Engineering lab(Heat Transfer)
3.	Manufacturing tech.lab
4.	Dynamics lab
5.	Mechatronics lab
6.	Engg practice lab(workshop)
7.	Cad/Cam Lab
8.	Engg. Metrology and Measurement Lab

**28. Number of Students receiving financial assistance from college, Government and other Organization.**

Details are furnished separately.

**29. Details of Student enrichment programs (Special Lectures/Workshops/Seminars) with external experts conducted during the last 3 years.**

<b>S.No</b>	<b>Date</b>	<b>Name of the Program</b>	<b>Collaborative Expert</b>
01	22.12.2014	Seminar in our Faculty	Mr. V.Vijayan PRIT,Chennai
02	24.12.2014	Seminar in our Faculty	Mr.S.Navanithan PRIT,Chennai
03	12.12.2014	Seminar in our Faculty	Dr.S.Suresh Kumar SSN College of Engineering, Chennai
04	04.09.2014	Guest Lecture	Dr.A.Anvar Ahamed E.G.S.Pillay Arts & Science
05	13.09.2014	Guest Lecture	Dr.M.Kantha Babu College of Engineering Guindy ,Chennai
06	16.05.2014	Manufacturing Metrology and Quality Engineering	Dr.P.Prakash, HOD//Mechanical, Arasu Engineering College, Kumbakonam.
07	06.05.2014 To 08.05.2014	Engineering Mechanics	Dr.V.Jayaprakash, HOD//Mechanical, Saranathan College, Trichy
07	26.04.2014	MEMS	Dr.V.Anadha Krishnan Associate Professor, NIT,Trichy

08	19.04.2014	Optimization Techniques in Manufacturing	Dr.S.Jayabal, Professor, Alagappa chattier college of engineering and Technology Karaikudi
09	12.04.2014	Lean Manufacturing	Dr.V.Anadha Krishnan Associate Professor, NIT,Trichy
10	03.07.2013	Industrial safety Management	NIOS Fire & Safety Management Studies, Corporate member of National Safety Council-Govt of India
11	03.07.2013	Nuclear Reactor Technology	Dr.Magesh Sundarajan, Senior Scientist, Baba Atomic Research Centre, Mumbai
12	10.06.2013 To 15.06.2013	American Society for Non Destructive Testing Level – II NDT on LPT & MPT	Mr.K.Ramados & Mr.C.Mani Kandan NDT Level –ii Trainer
13	28.03.2013	Build your own Embedded System using Design Platform	
14	31.01.2013	Movement for Green Revolution Student Chapter	Mr.R.Rengarajan, Assistant Professor, Department of Mechanical Engineering, EGSPEC, Nagapattinam.
15	11.06.2012 To 14.06.2012	CATIA V5	CAD Academy, Nagapattinam.
16	01.10.2011	Energy Conservation	Prof.V.Mohan,HOD/EEE, EGSPEC, Nagapattinam
17	14.10.2011	Laser & its Application	Dr.B.RavinDran,HOD/S&H, EGSPEC, Nagapattinam.
18	24.09.2011	Corrosion Management	Prof.E.Edward Anand, NIT,Trichy.
19	28.09.2011	Non-Destructive Testing	Mr.K.Ramadoss,AP/Mechanical, EGSPEC,Nagapattinam.

### 30. Teaching methods adopted to improve student learning

- ✓ Discussion
- ✓ Power Point Presentation
- ✓ Video Tutorials
- ✓ Tutorial Classes
- ✓ Seminars

### 31. Participation in Institutional Social Responsibility (ISR) and extension activities during last 3 years.

S.No	Date	Details of the Program
1.	1/2/13 & 7/2/13	Seven days special campaign programme on the theme HEALTHY YOUTH FOR HEALTHY INDIA(NSS)
2.	2011-13	2years various concurrent programme in N.S.S
3.	20.02.2013	One day orientation programme on Disaster Management at A.V.C.College,Mayiladuthurai (Indian red cross society)
4.	2010-12	2years various concurrent programme in N.S.S
5.	16/2/12	Tree plantation
6.	08/02/2012	Blood camp
7.	Feb'2013	Indian red cross society

### 32. Strength, Weakness, Opportunities, Challenge, analysis of the department and future plan.

<b>STRENGTH</b> 1.Experienced Faculties 2.Well Equipped Lab 3.Rank Holders 4.Faculty Retention 5.Various Workshops, Symposium etc	<b>WEAKNESS</b> 1.Research and Development 2.Funded projects from external agency 3.Text book publications
<b>OPPORTUNITIES</b> 1.Continuing education and Higher Studies 2.Professional Society activities 3.Publications in Journal 4.Quality Improvement Programme 5.Organizing summer and winter school	<b>CHALLENGES</b> 1.Entrepreneurship initiatives 2.Competitive examinations 3.Industrial Collaboration 4.Placement

## **6.2 Computer Science and Engineering Department**

### **1. Name of the Department & its year of establishment**

Computer Science and Engineering & 1995

### **2. Name of Programme / Course offered**

<b>S.No</b>	<b>Name of the Programmes Offered</b>	<b>UG/PG</b>
1.	B.E (CSE)	UG
2.	M.E (CSE)	PG

### **3. Inter disciplinary course and departments involved: NIL**

### **4. Annual/Semester/Choice based Credit System:**

Semester system as per the guidelines of the Anna University.

### **5. Participation of the department in the course offered for by other departments**

<b>S.No</b>	<b>Inter disciplinary courses offered</b>	<b>Name of Departments involved</b>
1.	Data Structure and Algorithms	EEE & ECE
2.	Computing Programming	Mech, EEE, ECE, Civil, IT
3.	Computer architecture	ECE
4.	Data Structure and OOP	ECE
5.	Computer networks	ECE
6.	Object oriented programming	EEE

### **6. Number of Teaching Posts sanctioned and filled**

<b>S.No</b>	<b>Name of the Teaching Post</b>	<b>Sanctioned</b>	<b>Filled</b>
01	Professor	01	01
02	Associate Professor	04	01
03	Assistant Professor	16	20

### **7. Faculty Profile with Name, Qualification, Designation, Specialization**

#### **7.1 Under Graduate Program:**

**Name of UG Program:** B.E- Computer Science and Engg.

S.No	Name of the Faculty	Qualification	Designation	Specialization	Experience	No. of UG/PG/Ph.D Students Guided
1	Dr. Arokiya Samy	M.E.,Ph.D	Professor	CSE	22 Yrs	60
2	T. Ganesan	ME.,(Ph.D)	Assoc.Prof	MANET	17 Yrs	40
3	K. Parkavi	ME.,(Ph.D)	AP	VANET	7 Yrs	30
4	S. Imavathy	ME.,	AP	CSE	6 Yrs	10
5	T. Sowkarthika	ME.,	AP	CSE	6.9 Yrs	13
6	G. Arulselvan	ME.,	AP	CSE	5 Yrs	13
7	R. Manivannan	ME.,	AP	CSE	4.5 Yrs	11
8	P. AnanDraj	ME.,	AP	CSE	5 Yrs	10
9	M. Balaji	ME.,	AP	CSE	2.10 Yrs	4
10	R. Sitraarsu	ME.,	AP	CSE	3 Yrs	8
11	J.Noorl Ameen	ME.,	AP	CSE	1.9 Yrs	2
12	M. Marcko	ME.,	AP	CSE	4.8 Yrs	10
13	S. Praveenkumar	ME.,	AP	CSE	1.10 Yrs	4
14	S. Aravind	ME.,	AP	CSE	1.10 Yrs	4
15	S. Aravindan	ME.,	AP	CSE	1.10 Yrs	4
16	E. Elakiya	ME., (Ph.D)	AP	Data mining	1.10 Yrs	4
17	R. G. Gokila	ME.,	AP	CSE	1.10 Yrs	4
18	Akila. V	M.E	AP	CSE	4 Yr	4
19	S.Deepa	ME.,	AP	CSE	1.10 Yrs	4
20	A. Baskar	ME.,	AP	CSE	3.5 Yrs	2
21	D M C. Sekar	ME.,	AP	CSE	4.9 Yrs	10
22	V.Vennila	M.E	AP	CSE	3 Yrs	2
<b>M.E(CSE)</b>						
25	SudhirShenai	ME.,(Ph.D)	AP	Cloud	11. 5 Yrs	41
26	S. Mahalakshmi	ME.,	AP	CSE	6 .10 Yrs	15
27	K. Balasubramanian	ME.,	AP	CSE	6 .10 Yrs	15

**8. Percentage of Class taken by Temporary Faculty NIL**

**9. Program wise Student – Teacher Ratio**

S.No	Program	Student – Staff Ratio
01	UG	15:1
02	PG	12:1

**10. Number of Academic Support Staff , Technical and Administrative Staff**

S.No	Staff Category	Sanctioned	Filled
01	Technical	03	03
02	Administrative Staff	01	01

**11. List of Senior Visiting Faculty**

S.No	Name & Designation of Visiting Faculty	Remarks
01	Dr. M.Aramudhan, Prof/IT, PKIET, Karaikal	Computer Networks
02	Dr. Monoj kumar Mishra, Prof,EGSPEC	Operational Research
03	Mr.S.Sridharan, AP/CSE, UCE/TK	Computer Architecture

**12. Qualification of Teaching Faculty with Ph.D/M.Phil/P.G**

S.No	Name of the Faculty	Designation	Qualification	Specialization
1	Dr. Arokiya Samy	Professor	Ph.D	CSE
2	T. Ganesan	Asso.Prof	ME.,(Ph.D)	MANET
3	K. Parkavi	AP	ME.,(Ph.D)	VANET
4	SudhirShenai	AP	ME.,Ph.D	Cloud
5	S. Mahalakshmi	AP	ME.,	CSE
6	K. Balasubramanian	AP	ME.,	CSE
7	S. Imavathy	AP	ME.,	CSE
8	T. Sowkarthika	AP	ME.,	CSE
9	G. Arulselvan	AP	ME.,	CSE
10	R. Manivannan	AP	ME.,	CSE
11	P. AnanDraj	AP	ME.,	CSE
12	M. Balaji	AP	ME.,	CSE
13	R. Sitraarsu	AP	ME.,	CSE
14	J.Noorl Ameen	AP	ME.,	CSE
15	M. Marcko	AP	ME.,	CSE
16	S. Praveenkumar	AP	ME.,	CSE
17	S. Aravind	AP	ME.,	CSE
18	S. Aravindan	AP	ME.,	CSE
19	E. Elakiya	AP	ME.,(Ph.D)	Data mining
20	R. G. Gokila	AP	ME.,	CSE
21	Akila. V	AP	ME.,	CSE
22	S.Deepa	AP	ME.,	CSE
23	A. Baskar	AP	ME.,	CSE

24	D M C. Sekar	AP	ME.,	CSE
25	V.Vennila	AP	ME.,	CSE

**13. Number of Faculty with ongoing projects from National/International funding agencies and grants received: NIL**

**14. Research Centre / Facility recognized by the University: NIL**

### **15. Publications**

**15.1 Particulars of Papers published in peer reviewed Journals (National/International) by the Faculty and Students**

S.No	Name of the Authors	Title of the Paper	Name of the Journal	Page No. & Vol. No.	Year of Publication
1	T.Ganesan	Optimization of Nano Adhoc on Demand Distance vector routing protocol in MANET	JATIT		2014
2	K. Parkavi	Energy Aware Secure Routing Protocol for MANETS	IJARCC E	Volume 2, Issue.5	2013
3	S.Mahalakshmi, S.Imavathy	Distributed System Architecture for Gris resource Monitoring and Resource State prediction	CIIT		2012
4	K. Balasubramanian	Data Hiding in Audio signal and video signal text and JPEG images	IEEE Explore		2012
5	D.M.C.Sekar	Wed Server Load Balancing using SSL Backend forwarding method	IEEE Explore		2012
6	G. Arulselvan, R. Manivannan, R.Senthilnayaki, K. Balasubramanian	Weakness recognition in network using ACO and mobile agents	IEEE Explore	459-462	2012
7	G. Arulselvan	Innovative e-commerce project observations	IEEE Explore	449-452	2012
8	G. Arulselvan	An efficient weighted rule mining for web logs using	IEEE Explore	432-436	2012

		systolic tree			
9	G. Arulselvan	Applications of fuzzy logic and artificial neural network for solving real world problem	IEEE Explore	443-448	2012
10	G. Arulselvan, R. Manivannan, I.Arul Sahaya Mari, K.Kalaivani	Service Categorization and Admission Control in Enterprise Web Services Using Capacity Distribution Algorithm	CIIT		2011
11	I.Arul Sahaya Mari, K.Kalaivani, M.Rammuruli	Dynamic Routing and Agent Technology Based Security Enhanced Data Delivery with Public Key Cryptography	CIIT		2011
12	N. Murali and K. Kumaran	A Scalable Overlay Multicast Architecture for Large-Scale Applications	CIIT		2011
13	T. Sowkarthika	Security Issues and Milestones in Cloud Infrastructure	CIIT		2011
14	S.Mahalakshmi, S.Imavathy	Storing and Indexing Spatial Data in P2P Systems	CIIT		2011

## 15.2 Books, Manuals, Question Banks, Resource Materials Edited / Published

S.No	Name and Designation of the Author	Title of the Books, Manuals, Question Banks, Resource Materials	Name of the Publisher
1	T. Ganesan	Advanced computer Architecture Question Bank	Own Website
2	K. Parkavi	DBMS lab manual	Own website
3	SudhirShenai	Artificial intelligence Question Bank	Own website
4	S. Mahalakshmi	Operating system Question Bank and lab manual	Own website
5	K. Balasubramanian	Computer Question Bank and lab manual	Own website
6	S. Imavathy	Object oriented programming lab manual	Own website
7	T. Sowkarthika	Theory of computation and compiler design Question Bank	Own website
8	G. Arulselvan	System software Question Bank and lab manual	Own website
9	R. Manivannan	Data structure and algorithm Question Bank	Own website
10	P. AnanDraj	OOAD Question Bank	Own website
11	M. Balaji	Data structure and Object oriented programming	Own website



		Question Bank	
12	R. Sitraarsu	Computer programming Question Bank	Own website
13	J.Noorl Ameen	Computer programming lab manual	Own website
14	M. Marcko	Mobile computing Question Bank	Own website
15	S. Praveenkumar	Computer Architecture Question Bank	Own website
16	S. Aravind	Cryptography network security Question Bank	Own website
17	S. Aravindan	C# .net Question Bank and lab manual	Own website
18	E. Elakiya	Data structure Question Bank	Own website
19	R. G. Gokila	Computer programming lab manual	Own website
20	R. Sindhoori	Java programming lab manual and Question Bank	Own website
21	A. Baskar	Middleware technology Question Bank	Own website
22	Sudhir shenai	Open Source lab manual	Own website
23	G.Prabhakaran	Compiler design lab manual	Own website
24	T.Sowkarthika	Computer networks lab manual	Own website
25	G.Arulselvan	Internet programming lab manual	Own website
26	M.Markco	Computer networks lab manual	Own website
27	J.Noorul Ameen	Computer networks(ECE) lab manual	Own website
28	E.Elakiya	Operating system lab manual	Own website
29	S.Aravindan	PDS I lab manual	Own website
30	R.G.Gokila	OS Lab	Own website
31	A.Baskar	Internet programming lab manual	Own website
32	D.Murali Chandrasekar	OOPS & DS lab manual	Own website
33	P.Vennila	PDS I lab manual	Own website
34	V.Akila		Own website

### 15.3 Number of Listed in International Database: NIL

### 16. Areas of Consultancy and Income generated: NIL

### 17. Faculty as Members in National/International committees, Editorial Boards etc., :NIL

### 18. Students Projects

S.No	Year	Total Students	Inhouse Projects		Collaborative with Industries	
			No.	Percentatge	No.	Percentatge
01	2011 – 12	84	84	100	-	-
02	2012 – 13	77	77	100	-	-
03	2013 –14	106	106	100	-	-

### 19. Awards / Recognition received by Faculty and Students

S.No	Name of the Staff / Student	Name of the Award	Awarding Organization	Year
------	-----------------------------	-------------------	-----------------------	------

1	S.Mahalakshmi., AP	Best performance above 90% result	EGSPEC	2011-2012
2	N.Murali.,AP	2 Best performance above 90% result	EGSPEC	2011-2012
3	K. Balasubramanian.,AP	2 Best performance above 90% result	EGSPEC	2011-2012
4	G.Arul selvan	2 Best performance above 90% result	EGSPEC	2011-2012
5	R.Manivannan	2 Best performance above 90% result	EGSPEC	2011-2012
6	B.Suresh	2 Best performance above 90% result	EGSPEC	2011-2012
7	K.Kumaran	Best performance above 90% result	EGSPEC	2011-2012
8	J.Sindhudevi	2 Best performance above 90% result	EGSPEC	2011-2012
9	P.Anand raj	Best performance above 90% result	EGSPEC	2011-2012
10	A.Baskar	Best performance above 90% result	EGSPEC	2011-2012
11	P.Vijaylaksmi	Best performance above 90% result	EGSPEC	2011-2012
12	M.Chinnadurai	Best performance above 90% result	EGSPEC	2011-2012
13	M.Markco	Best performance above 90% result	EGSPEC	2011-2012
14	R.G.Gokila	Best performance above 90% result	EGSPEC	2012-2013
15	R.Sitrarasu	Best performance above 90% result	EGSPEC	2012-2013
16	J.Sindhudevi	Best performance above 90% result	EGSPEC	2012-2013
17	T.Sowkarthika.,	Best performance 100% result	EGSPEC	2012-2013
18	S.Aravindan	Best performance above 90% result	EGSPEC	2012-2013
19	R.Manivannan	Best performance above 90% result	EGSPEC	2012-2013
20	E.Elakiya	Best performance above 90% result	EGSPEC	2012-2013
21	K. Balasubramanian.,	2 Best performance above 90% result	EGSPEC	2012-2013
22	M.Markco	Best performance above 90% result	EGSPEC	2012-2013
23	A.Bakar	Best performance	EGSPEC	2012-2013

		above 90% result		
24	P.Vijaylaxmi	Best performance above 90% result	EGSPEC	2012-2013
25	E.Vijyavani	Best performance above 90% result	EGSPEC	2012-2013
26	P.AnanDraj	Best performance above 90% result	EGSPEC	2012-2013
27	S.Aravindan	2 Best performance above 90% result	EGSPEC	2013-2014
28	E.Elakiya	Best performance above 90% result	EGSPEC	2013-2014
29	G.Arul selvan	Best performance 100 % result	EGSPEC	2013-2014
30	T.Ganesan	Best performance above 90% result	EGSPEC	2013-2014
31	A.Baskar	Best performance above 90% result	EGSPEC	2013-2014
32	S.Sundar M.Krisnha kumar	paper Presentation	PITS	2012
33	RajenDran Udayini Ramya	Debugging	RIISTAARA`11	2012
34	K.Suriya kumar, D.Muthukumar	Quiz	Symposium, Bharathiyar college,Karaikal	2012
35	RajenDranudayini K.Kiruthiga	paper Presentation	Symposium, Bharathiyar college,Karaikal	2012
36	U.Prasanth Arulmurugan	Multimedia	PRIST	2012
37	RajenDranudayini K.Kiruthiga	paper Presentation	Oxford engg college	2012
38	Jafilafathima.S Jasmine Farveen.A	Best project	EGSPEC	2014
39	Bhuvaneshwari.S Binthiya.R	Best project	EGSPEC	2014
40	Preetha Jakkulin.I.P.S Rageal. T Sathiya. S	Best project	EGSPEC	2014
41	Arun Valaven.J	Best project	EGSPEC	2014

	Balaji.A Rajesh. R			
42	Aravind Kumar.A Arun.A Imthiyaz Ahmed.A	Best project	EGSPEC	2014
43	Suganya.S Veni.D Vinothini.V	Best project	EGSPEC	2014
44	Vembarasi.M V idhya.S Vinothini.V	Best project	EGSPEC	2014
45	Subakar.G Parasaran.N Vignesh.Y	Best project	EGSPEC	2014
46	Tamilarasan.J Shahulhameed.M Vedhanayagam.R	Best project	EGSPEC	2014

## 20. List of Eminent Academicians and Scientists/Visitors to the Department

S.No	Name and Designation of the Dignitary	Date of Visit	Purpose
01	Mr.Raghavan, Facilitator Mr.Priya, Facilitator Micro Genesis, Chennai	May'2013	1. FDP: One Week Faculty Development Programme on "IBM Rational Architect" on May'2013.
02	Mr.S.Ramasamy, Asst. Vice President Computer Society of India, Chennai Chapter	March'2013	1. CSI Student Branch: Started CSI student branch on March'2013.
03	Dr.M.Joseph Principal, St.Joseph Engineering College, Trichy	November'2014	Academic Advisory Committee Meeting
04	Dr. Appavu KLNCET, Madurai	November'2014	Academic Advisory Committee Meeting
05	Mr. Rajendran Subramaniyan Silicon Software Services, Madurai	November'2014	Academic Advisory Committee Meeting
06	Commandant Udhal Singh Chief Commanding Officer Indian Coastal Guard, Karaikal	September 2014	Guest Lecture

## 21. Seminars/Conference/Workshops and Source of Funding

### 21.1 International Conferences

<b>S.No</b>	<b>Name of the International Conferences</b>	<b>Year of Program</b>	<b>Date</b>	<b>Funding Agency</b>
01	IEEE- ICAESM'12	2011 – 12	28.03.12 - 29.03.12	Management
02	ICRDPET-2013	2012 – 13	29/03/13 - 30/03/13	Management
03	ICIRT & ICAET -2014	2013 – 14	02/05/14 - 03/05/14	Management

## 21.2 National Conferences, Seminars, Symposium, Talent Shows Conducted

<b>S.No</b>	<b>Name of the Program</b>	<b>Year of Program</b>	<b>Date</b>
1	Workshop	2011 – 12	15.03.12 &16.03.12
2	Seminar	2011 – 12	23.01.12
3	Seminar	2011 – 12	16.03.12
4	Symposium	2011 – 12	16.09.11 &17.09.11
5	Workshop	2011 – 12	26.07.11
6	Symposium	2012-2013	15/03/13
7	Seminar	2012-2013	14/02/13
8	Seminar	2012-2013	14/02/13
9	Workshop	2013-2014	27/08/13
10	Workshop	2013-2014	19/07/13
11	Open Source Lab –STP	2014-2015	11/07/2014
12	Prime Skills for Engineering professionals – Seminar	2014-2015	19/07/2014
13	Seminar – Database Connectivity	2014-2015	02/08/2014
14	An insight on academic projects – Seminar	2014-2015	09/08/2014
15	Symposium	2014-2015	20/09/2014
16	Database Admn and Mgmt – Workshop	2014-2015	13/09/2014
17	Data Base Connectivity - Guest Lecture	2014-2015	29/09/2014
18	Big data analysis	2014-2015	29/09/2014
19	Hands on with R – Guest Lecture	2014-2015	29/09/2014
20	Automata theory – Seminar	2014-2015	30/09/2014
21	Server and Firewall configuration – Workshop	2014-2015	01/10/2014
22	WORKSHOP on open source lab	2014-2015	11.07.2014

	(FOSS)		
23	WORKSHOP on one day database administration and management	2014-2015	3.09.2014
24	WORKSHOP on one day hands on with R	2014-2015	29.09.2014
25	WORKSHOP on one day database connectivity in .NET	2014-2015	29.09.2014
26	WORKSHOP on one day server and firewall configuration	2014-2015	01.10.2014
27	SEMINAR on one day prime skills for Engineering professionals	2014-2015	19.07.2014
28	SEMINAR on one day mobile & pervasive computing	2014-2015	02.08.2014
29	SEMINAR on one day big data analysis	2014-2015	29.09.2014
30	SEMINAR on one day automata theory	2014-2015	29.09.2014
31	GUEST LECTURE on an insight on academic projects	2014-2015	09.08.2014
32	GUEST LECTURE on programming & data structure II	2014-2015	18.10.2014

## 22. Student Profile Programme / Course wise

Name of the Course	UG or PG	Selected		Pass Percentage	
Batch of the Student		Male	Female	Male	Female
2008 – 2011	UG	52	35	38	35
2009 – 2012		39	45	20	40
2010 – 2013		38	39	18	33
2012 -2013	PG	Course started in 2012-2013			

## 23. Diversity of Students

Students Batch	% of Students of Tamil Nadu	% of Students from Other State	% of Students from Abroad
2007 – 2011	99%	1%	-
2008 – 2012	96.4%	2.3%	1.1%
2009 – 2013	98%	2%	-
2010 – 2014	100%	-	-

**24. How many Students have cleared National and International Competitive examinations such as NET, SLET, GATE, Civil Services, Degree Service etc.,: NIL**

## 25. Student Progression

Category	Percentage
UG to PG	8%
PG to M.Phil	-
PG to Ph.D	3%
Employed	19%
Campus Selected	47%
Other than Campus Selected	18%
Entrepreneurship / Self employer	5%

## 26. List of Illustrious Alumni

S.No	Name	Batch	Present Position	Name of the Company
1	Gomathi Srivalli.M	2011-2012	HCL TECHNICAL SUPPORT OFFICIER	HCL BPO
2	Vimal Kumar.E	2011-2012	SUPPOTING ENGG.	FORBES TECH LIMETED,CHENNAI
3	Karthikeyan.S	2012-2013	XML PROCESSING	DECAN SERVICE
4	Prakash.R	2012-2013	LECTURER	SRV POLYTECHNIC COLLEGE
5	Ganesh Kumar.R	2012-2013	ADMIN	COOPERATIVE BANK,ADAMBAR
6	Prasanna.B	2012-2013	CALL CENTER EXECUTIVE	YELLOW CAB SERVICE
7	Manikandan.M	2012-2013	NETWORK ENGINEER	VARIETY SERVICES,CHENNAI
8	Ramesh Kumar.R	2012-2013	NETWORK ENGINEER	MCLAN SYSTEM,MYILADUDURAI
9	Iyyapan.R	2012-2013	TECHNICAL ASSISTANT	VARIETY SERVICES,CHENNAI
10	Shanthi.V	2012-2013	TECHNICAL ASSISTANT	CAPGEMINI CONSULTANT TECHNOLOGY,CHENNAI
11	Madhavan.R	2012-2013	JUNIOR DEVELOPER	GEMENI SYSTEM PRIVATE

				LTD,CHENNAI
12	Revathi.P	2012-2013	XML DEVELOPER	HTC PRIVATE LTD,CHENNAI
13	Hari Krishnan.S	2012-2013	EXECUTIVE MANAGER	SUBIKSHAM WASTE REPROCESS MANAGEMENT,THIRUVARUR
14	Prasath.U	2012-2013	SUPPORTING ENGINEER	MICRO CLINIC INDIA PRIVATE LTD,CHENNAI
15	Arul Murugan.C	2012-2013	NETWORK TRAINEE	QUADGEL SYSTEM PVT LTD,CHENNAI
16	Muthu Kumar.D	2012-2013	TRAINEE DEVELOPER	SOFTECT INFINIUM SOLN,CHENNAI
17	Subathra.S	2012-2013	RECRUITER COORDINATOR	MERIT TRAC SERVICES PVT LTD,CHENNAI
18	Krithiga.K	2012-2013	DEPUTY MANAGER	KODAK MAHENDRA BANK,BANGALORE
19	Gnana Poornan.S	2012-2013	TRAINEE ENGINEER	FOXCONN,CHENNAI
20	Aarthi.R	2012-2013	TECHNICAL SUPPORT	WIPRO PVT LTD
21	Nithya.C	2012-2013	LECTURER	E.G.S.P POLY COLLEGE
22	Senthil.R	2012-2013	LECTURER	E.G.S.P ARTS & SCIENCE COLLEGE
23	Vinoth.V	2012-2013	NETWORK ENGINEER	VARIETY SERVICES,PARAMBUR
24	Raja Soundarya.S	2012-2013	--	COMPUTER SCIENCE CORPORATION
25	Vennila.V	2012-2013	WEB DESIGNER	JVT SOFT SOLUTION,VADAPALANI
26	RajenDran Udaiyini	2012-2013	MOBILE APPLICATION DEVELOPER	PASUMAI SOLUTION PVT LTD,CHENNAI

## 27. Details of Infrastructural Facilities



**a) Library**

**Department Library:** Available with Text Books, Reference Books, Project Reports, CD Documents, Course Files

**Book Bank Scheme:** No

**b) Internet Facilities for Staff and Students** Available at any time

**c) Class room with ICT Facilities:** One class room is provided with LCD Projector and other ICT facilities.

**d) Laboratories**

S.No	Name of the Laboratory	Remarks
1	CC1	Computer Programming and Unix Lab
2	CC2	Multimedia and Software Development Lab
3	CC4	Networking Lab

**28. Number of Students receiving financial assistance from college, Government and other Organization.** Details are furnished separately.

**29. Details of Student enrichment programs (Special Lectures/Workshops/Seminars) with external experts conducted during the last 3 years.**

S.No	Date	Name of the Program	Collaborative Expert
1	19/07/2014	Open Source Lab	Stp
2	02/08/2014	Prime Skills for Engineering professionals	Seminar
3	09/08/2014	Seminar – Database Connectivity	
4	20/09/2014	An insight on academic projects	Seminar
5	13/09/2014	Symposium	Seminar
6	29/09/2014	Database Admn and Mgmt	Workshop
7	29/09/2014	Data Base Connectivity	Guest lecture
8	29/09/2014	Big data analysis	Guest lecture
9	30/09/2014	Hands on with R	Guest lecture
10	01/10/2014	Automata theory	Seminar
11	11.07.2014	Server and Firewall configuration – Workshop	Workshop
12	3.09.2014	WORKSHOP on open source lab (FOSS)	Workshop
13	29.09.2014	WORKSHOP on one day database administration and management	Workshop
14	29.09.2014	WORKSHOP on one day hands on with R	Workshop
15	01.10.2014	WORKSHOP on one day database connectivity in .NET	
16	19.07.2014	WORKSHOP on one day server and firewall configuration	Workshop
17	02.08.2014	SEMINAR on one day prime skills for	Seminar

		Engineering professionals	
18	29.09.2014	SEMINAR on one day mobile & pervasive computing	Seminar
19	29.09.2014	SEMINAR on one day big data analysis	Seminar
20	09.08.2014	SEMINAR on one day automata theory	Seminar
21	18.10.2014	GUEST LECTURE on an insight on academic projects	Guest lecture
22	23.01.12	GUEST LECTURE on programming & data structure II	Guest lecture
23	16.03.12	Seminar	Queuing theory by Dr. Sophialporchivi
24	16/12/11 & 17/12/11	Training Programme	NBA training programme
25	16.09.11 & 17.09.11	Symposium	Yodhaz`11
26	26.07.11	Workshop	Hardware and Networking By mr.k.prabu

### **30. Teaching methods adopted to improve student learning**

- ✓ Discussion
- ✓ Power Point Presentation
- ✓ Video Tutorials
- ✓ Tutorial Classes
- ✓ Seminars

### **31. Participation in Institutional Social Responsibility (ISR) and extension activities during last 3 years.: NIL**

### **32. Strength, Weakness, Opportunities, Challenge, analysis of the department and future plan.**

#### **STRENGTH**

- 1.Experienced Faculties
- 2.Well Equipped Lab
- 3.Rank Holders
- 4.Various Workshops, Symposium etc

#### **WEAKNESS**

- 1.Research and Development
- 2.Funded projects from external agency
- 3.Text book publications

#### **OPPORTUNITIES**

- 1.Continuing education and Higher Studies
- 2.Professional Society activities
- 3.Publications in Journal
- 4.Quality Improvement Programme

### 6.3 Electrical and Electronics Engineering Department

#### 1. Name of the Department & its year of establishment:

ELECTRICAL AND ELECTRONICS ENGINEERING / 2000

#### 2. Name of Programme / Course offered

S.No	Name of the Programmes Offered	UG/PG
01	Electrical and Electronics Engineering	UG
02	Power electronics and Drives	PG

#### 3. Inter disciplinary course and departments involved: NIL

#### 4. Annual/Semester/Choice based Credit System:

Semester system as per the guidelines of the Anna University.

#### 5. Participation of the department in the course offered for by other departments

S.No	Inter disciplinary courses offered	Name of Departments involved
01	Basic Electrical & Electronics Engineering	First year -Mech, Civil
02	Engineering Practices Lab	First Year-Mech, Civil,EEE,ECE,CSE,IT
03	Circuit Theory	First year -EEE
04	Electrical Circuits Lab	First year -EEE
05	Electrical Engineering	ECE
06	Electrical Engineering & Control System Lab	ECE
07	Electrical Drives & control	Mech
08	Electrical Engineering Lab	Mech

#### 6. Number of Teaching Posts sanctioned and filled

S.No	Name of the Teaching Post	Sanctioned	Filled
01	Professor	01	00
02	Associate Professor	02	02
03	Assistant Professor	09	11

#### 7. Faculty Profile with Name, Qualification, Designation, Specialization

##### 7.1 Under Graduate Program: Name of UG Program: Electrical and Electronics Engineering

S.No	Name of the Faculty	Qualification	Designation	Specialization	Experience	No. of UG/PG/Ph.D Students Guided
01	V.Mohan	M.E.,(Ph.D)	Assoc. Prof	PE & D	16.4	28

02	R.Anandaraj	M.E.,(Ph.D)	Assoc.Prof	PE&ID	13.6	26
03	P.J.Suresh Babu	M.E.	Asst.Prof	PE&ID	10	10
04	K.Nandakumar	M.E	Asst.Prof	PE&ID	8	20
05	K.Krishnaram	M.Tech	Asst.Prof	Electrical Drives & Control	5.0	10
06	S.Latha	M.E	Asst.Prof	Applied Electronics	6	18
07	G.Ganesan @ Subramanian	M.E	Asst.Prof	Power Systems	5.6	07
08	B.Amalore Naveen Antony	M.E	Asst.Prof	Power Systems	5.2	06
09	G.R.Thyla	M.Tech	Asst.Prof	Wireless Communication	1.8	00
10	P.Karthikesan	B.E	Asst.Prof	EEE	-	-
11	S.Arivarasan	M.E	Asst.Prof	PED	-	-
12	V.Suriyakala	B.E	Asst.Prof	EEE	-	-

## 7.2 Post Graduate Program:

**Name of PG Program: Power Electronics and Drives**

S.No	Name of the Faculty	Qualification	Designation	Specialization	Experience	No. of PG/Ph.D Students Guided
1.	G.Chitrkala	M.E	Asst.Prof	Power Electronics & Drives	9.0	08
2.	S.Sivamani	M.E	Asst.Prof	Power Electronics & Drives	2.11	09
3.	Aarthi B	M.E	Asst.Prof	Power Systems	2.0	03

**8. Percentage of Class taken by Temporary Faculty: NIL**

## 9. Program wise Student – Teacher Ratio

S.No	Program	Student – Staff Ratio
01	UG	15:1
02	PG	12:1

**10. Number of Academic Support Staff, Technical and Administrative Staff**

S.No	Staff Category	Sanctioned	Filled
01	Technical	03	03

**11. List of Senior Visiting Faculty: NIL****12. Qualification of Teaching Faculty with Ph.D/M.Phil/P.G**

S.No	Name of the Faculty	Designation	Qualification	Specialization
01	Dr.G.Madhusudhana Rao	Professor	M.E,Ph.D	PED
02	V.Mohan	Assoc. Prof	M.E.,(Ph.D)	PED
03	R.Anandaraj	Assoc.Prof	M.E.,(Ph.D)	PE&ID
04	P.J.Suresh Babu	Asst.Prof	M.E.	PE&ID
05	K.Nandakumar	Asst.Prof	M.E	PE&ID
06	K.Krishnaram	Asst.Prof	M.Tech	Electrical Drives & Control
07	G.Chitrkala	Asst.Prof	M.E	PED
08	S.Latha	Asst.Prof	M.E	Applied Electronics
09	G.Ganesan @ Subramanian	Asst.Prof	M.E	Power Systems
10	S.Sivamani	Asst.Prof	M.E	PED
11.	B.Amalore Naveen Antony	Asst.Prof	M.E	Power Systems
12	G.R.Thyla	Asst.Prof	M.Tech	Wireless Communication
13	B.Aarhy	Asst.Prof	M.E	PED
14	S.Arivarasan	Asst.Prof	M.E	PED

**13. Number of Faculty with ongoing projects from National/International funding agencies and grants received: NIL****14. Research Centre / Facility recognized by the University: NIL****15. Publications****15.1 Particulars of Papers published in peer reviewed Journals (National/International) by the Faculty and Students**

S.No	Name of the Authors	Title of the Paper	Name of the Journal	Page No. & Vol. No.	Year of Publication	Impact Factor
01	V.Mohan	A smart approach to condition monitoring	CiiT- Automation &		Jul 2013	

		parameter estimation & execution of WECS using PLC & SCADA technique	Autonomous System	Online ISSN0974-9551		0.134
02	R.Anandaraj	A smart approach to condition monitoring parameter estimation & execution of WECS using PLC & SCADA technique	CiiT- Automation & Autonomous System	Online ISSN0974-9551	Jul 2013	0.134
03	G.Ganesan @Subramanian	A smart approach to condition monitoring parameter estimation & execution of WECS using PLC & SCADA technique	CiiT- Automation & Autonomous System	Online ISSN0974-9551	Jul 2013	0.134
04	K.Krishnaram	Cascaded H Bridge nine level inverter for PV arrays	IJSRET	-	2013	-

### 15.2 Books, Manuals, Question Banks, Resource Materials Edited / Published

S.No	Name and Designation of the Author	Title of the Books, Manuals, Question Banks, Resource Materials	Name of the Publisher
01	V.Mohan	BEE,Power Electronics,SSD- Question Bank Power electronics Lab Manual	Self
02	R.Anandaraj	Lab Manual- Control System Question Bank – Electrical Drives & control	Self
03	P.J.Suresh Babu	Electrical Machines - II Lab Manual PSOC Question Bank	Self
04	K.Nandakumar	LIC, Power Electronics Lab Manual Question Bank – Electrical Drives & control	Self
05	K.Krishnaram	Lab Manual- Control System, EDC Question Bank – Electronic Devices & Circuits	Self
06	S.Latha	Microprocessor Lab Manual	Self
07	G.Ganesan @ Subramanian	Power system simulation Lab Manual	Self
08	M.Vijay	Engineering Practices Lab Manual	Self
09	S.Sivamani	Engineering Practices Lab Manual	Self

10	B.Amalore Naveen Antony	Electrical Machines - I Lab Manual Electrical Machines - II Lab Manual	Self
11	G.R.Thyla	Digital Logic Circuits - Course Material and Question Bank	Self

**15.3 Number of publications listed in International Database: NIL**

**16. Areas of Consultancy and Income generated: NIL**

**17. Faculty as Members in National/International committees, Editorial Boards etc., NIL**

**18. Students Projects**

S.No	Year	Total Students	In-house Projects		Collaborative with Industries	
			No.	Percentage	No.	Percentage
01	2011 – 12	63	16	100	-	-
02	2012 – 13	62	17	100	-	-
03	2013 – 14	69	18	100	-	-

**19. Awards / Recognition received by Faculty and Students**

S.No	Name of the Staff / Student	Name of the Award	Awarding Organization	Year
01	P.J.Suresh Babu	Centum result	EGSPEC	2014
02	K.Krishnaram	Centum result	EGSPEC	2014
03	B.Naveen Antony	Centum result	EGSPEC	2014
04	P.J.Suresh Babu	Best Speaker	Dept. of English, EGSPEC	2014
05	G.Ganesan	-	Green ICT 2013 at Pondicherry engineering college	2013
06	V.Mohan G.Ganesan K.Krishnaram	--	Restructured power market challenges in matlab at A.V.C College Of Engg & Tecnolgy,Mayiladuthurai	2013
07	G.Ganesan M.Vijay	-	TEQUIP Sponsored Workshop on Wind Drive Generator at National Institute of Technology,Thiruchirapalli.	2013
08	V.Mohan K.Nandhakumar S.Latha M.Vijay	-	Role of Power Electronics in Restructuring of power system and management	2013
09	K,Krishnaram	-	Power electronics application for Renewable energy system at	2013

			V.V.College of engineering,Tisayanvilai.	
10	R.Ramanan	First Prize-Robo race	IIT, MaDras	2014
11	G.S Raja Rajan, A.Anandha Kumar	Participation	Anjalai Ammal Mahalingam	2013
12	P.Jaiganesh, R.Maharajan	Ii Prize	A.R.J College Of Engg And Technology,	2013
13	D.Aravindh, M.Muthubalakirutinan	Participation	A.R.J College Of Engg And Technology,	2013
14	R.Ramanan	Participation	Annauniversity Chennai	2013
15	G.S Raja Rajan	II Prize	Sams College Of Engg,Chennai	2012
16	K.Natarajan	II Prize	Sams College Of Engg,Chennai	2012
17	Muthubalkirutinan	II Prize	Sams College Of Engg,Chennai	2012
18	R.Ramanan	II Prize	Aalim Mohammed Salegh College Of Engg,Chennai	2012
19	A.Balakumar	II Prize	Aalim Mohammed Salegh College Of Engg,Chennai	2012
20	U.Kabilan	II Prize	Aalim Mohammed Salegh College Of Engg,Chennai	2012

## 20. List of Eminent Academicians and Scientists/Visitors to the Department

S.No	Name and Designation of the Dignitary	Date of Visit	Purpose
01	Dr.S.Jeevananthan, Asso.Prof, Dept. of EEE, Pondicherry EngineeringCollege, Puducherry	15-05-2014	1.Oneday <b>FDP</b> on <b>Simulation of AC &amp; DC Drives</b>
02	Mrs.Subbulakshmi, Professor, Dept. of Maths,Govt. Arts College, Mayiladuthurai.	27-11-2013	<b>1. Guest Lecture</b> on Application of mathematics in Engineering field
03	Dr.AjayD.Vimalraj, Asst. Prof, Dept. of EEE, P.E.C, Puducherry	14-04-2012	<b>1. Guest Lecture:</b> One day Guest Lecture on “ <b>Power System Analysis</b> ”.
04	Dr.N.Sivakumaran, Professor, Dept. of E&I, NIT, Trichy	30-04-2011	<b>1. Guest Lecture:</b> One day Guest Lecture on “ <b>Control system</b> ”
05	Er.R.Manian,B.E.,M,I.E., Dy.Geeneral Manager,	01.06.2011 To	3 days workshop on “ <b>National Franchisee Training programme</b> ”



	TANGEDCO, Madurai	03.06.2011	
06	Er.S.Arul Raj, B.Tech., M.B.A., Plant Manager, Reliance communication Ltd., Chennai.	12.09.2011	One Day Seminar on “UPS&Battery”
07	Er.N.Gopalan, Project Manager, Prolific Systems&Technologies Pvt., Ltd., Chennai.	10.09.2011	One Day Seminar on “PLC, SCADA&DCS”

## 21. Seminars/Conference/Workshops and Source of Funding

### 21.1 International Conferences

S.No	Name of the International Conferences	Year of Program	Date	Funding Agency
01	IEEE-ICAESM-2012 & ICAET-2012	2011 – 12	30.03-2012 31.03.2012	Management
02	IEEE-ICRDPET-2013	2012 – 13	29.03.2013 30.03.2013	Management
03	IEEE-ICAET-2014 & ICIRET-2014	2013 – 14	02.05.2013 03.05.2013	Management

### 21.2 National Conferences, Seminars, Symposium, Talent Shows Conducted

S.No	Name of the Program	Year of Program	Date	Remarks
01	CALONICS'12	2011 – 2012	09.03.2012	National Level Technical Symposium
	VIYUGA'12		19.03.2012	A District Level Technical Exhibition
02	One day FDP on Simulation of AC & DC Drives	2013 – 2014	15.05.2014	50 Faculties from various Engineering institutions were attended this program
03	GI-Installation, Commissioning, operation and maintenance of electrical system	2014 - 2015	29.09.2014	Students Depevelopment Programme
04	GI- Significance of Power consumption	2014 - 2015	26.09.2014	Students Depevelopment Programme
05	Symposium	2014 - 2015	29.09.2014	Students Depevelopment Programme
06	Innovative ideas for developing projects	2014 - 2015	21.11.2014	Students Depevelopment Programme
07	IEEE-PELS- appli of power converters in Renewable energy	2014 - 2015	29.09.2014	Students Depevelopment Programme

08	Simulation Study Of Dc &Ac Drives		15.05.2014	Workshop
09	Three day industrial visit to MultiTech Engineering Ltd.,		22.06.2014 To 24.06.2014	Industrial Visit
10	One day industrial visit to Narimanam Gas power plant		09.08.2014	Industrial Visit
11	Seminar in Renewable energy		20.08.2014	Seminar
12	Application of Embedded system in Power electronics	2014 - 2015	22.08.14	Workshop
13	Energy Conservation & Electrical safety (ECES'14)		22.08.14 & 23.08.14	Awareness Programme
14	Installation, Commissioning, operation and maintenance of electrical system.		05.09.2014	Seminar
15	CALONICS'14 Paper Presentation, Debugging and Spot Events.		26.09.2014	Symposium
16	Innovative Ideas For Developing Projects	2014 - 2015	29.09.2014	Seminar
17	Significance of power consumption for end user		30.09.2014	Seminar
18	Power converters for renewable energy applications		28.11.2014	Workshop
19	Analysis of Converters and Inverters		18.10.14	Guest Lecture
20	Electrical Engineering & instrumentation		25.10.14	Guest Lecture
21	Electrical Machines II		25.10.14	Guest Lecture
22	Power electronics in RES		01.11.2014	Guest Lecture
23	Matlab for electrical engineers		15.12.2014 to 19.12.2014	Value Added Course
24	Proteus & Arduino For Electrical Engineers		18.12.2014 to 22.12.2014	Value Added Course

## 22. Student Profile Programme / Course wise

Name of the Course  Batch of the Student	UG or PG	Selected		Pass Percentage	
		Male	Female	Male	Female
2008 – 2011	UG	63	03	51.0%	100%
2009 – 2012		58	05	51.7%	100%
2010 – 2013		48	14	47.9%	100%

2011 – 2014		57	12	45.6%	100%
2012 - 2013	<b>PG</b>	Course started in 2012-2013			

### 23. Diversity of Students

Students Batch	% of Students of Tamil Nadu	% of Students from Other State	% of Students from Abroad
2007 - 2011	96.9% (64)	3.1% (02)	--
2008 - 2012	96.8% (61)	3.2% (02)	--
2009 - 2013	96.77% (60)	3.33% (02)	--
2010 - 2014	98.55% (68)	1.45% (01)	--

**24. How many Students have cleared National and International Competitive examinations such as NET, SLET, GATE, Civil Services, Degree Service etc.,: NIL**

### 25. Student Progression

Category	Percentage
UG to PG	20%
PG to M.Phil	--
PG to Ph.D	--
Employed	80%
Campus Selected	50%
Other than Campus Selected	45%
Entrepreneurship / Self employer	5%

### 26. List of Illustrious Alumni

S.No	Name	Batch	Present Position	Name of the Company
1.	Mr.M.Dhilipkumar	2010-2014	Trainee engineer	Popular vehicles
2.	Mr.S.Venkatesh	2010-2014	Trainee engineer	Popular vehicles
3.	Mr.S.Selvaganapathi	2010-2014	Trainee engineer	Popular vehicles
4.	Mr.V.Manivannan	2010-2014	Technical Supporter	TechMahinDra
5.	Mr.J.Jahabardeen	2010-2014	Trainee engineer	Avalon Technologies
6.	Mr.G.S.Rajaraman	2010-2014	Trainee engineer	Avalon Technologies
7.	Mr.P.Jaiganesh	2010-2014	Trainee engineer	Avalon Technologies
8.	Mr.B.Magesh	2010-2014	Trainee engineer	Avalon Technologies
9.	Mr.S.Vetrivendan	2009-2013	Electrical supervisor	RRK Enterprisior
	Ms.B.Sooriya	2009 - 2013	H.R	Bluewhale solutions

10.	Ms.L.Priyanka	2009 - 2013	Project engineer	VeEEE Technology
11.	Mr.S.Vikneswaran	2009 - 2013	Electrical Maintenance engineer.	MMS Steel Power P.Ltd
12.	Mr.A.Sampath	2009 - 2013	Design Engineer	Infro Control System
13.	Mr.S.Gurumoorthy	2009 - 2013	Design Engineer	Infro Control System
14.	Mr.T.Hariharasuthan	2008-2012	Senior Testing & Commissioning Engineer	JAITECH Projects Power (P) Ltd
15.	Mr.K.Devanbu	2008-2012	Instrumentation Supervisor	Afcons Infrastructure P.Ltd
16.	Mr.J.Vinodhan	2004-2008	Planning Engineer	Sniether Electric Ltd

## 27. Details of Infrastructural Facilities

### a) Library

**Department Library:** Available with Text Books, Reference Books, Project Reports, CD Documents, Course Files

**Book Bank Scheme:** No

**b) Internet Facilities for Staff and Students:** Available at any time (e-Journals facilities like IEEE, ACM, Science Direct, NPTEL Courses, e-Box Sceme)

**c) Class room with ICT Facilities:** One class room is provided with LCD Projector and other ICT facilities

### d) Laboratories

S.No	Name of the Laboratory
01	Engineering Practices Lab
02	Electrical Machines Lab
03	Control & instrumentation Lab
04	Power Electronics Lab
05	Microprocessor Lab
06	Power System Simulation lab

## 28. Number of Students receiving financial assistance from college, Government and other Organization.

Details are furnished separately.

## 29. Details of Student enrichment programs (Special Lectures/Workshops/Seminars) with external experts conducted during the last 3 years.

S.No	Date	Name of the Program	Collaborative Expert
01	27-11-2013	Application of mathematics in Engineering field	Mrs.Subbulakshmi, Professor, Dept. of Maths,Govt. Arts College, Mayiladuthurai.
02	30-11-2013 , 08-12-2013, 22-12-2013	Practical inverter & converter and their applications	Dr.S.Jeevananthan, Asso.Prof, Dept. of EEE, Pondicherry EngineeringCollege, Puducherry
03	04-06-2013	Industrial safety management	NIOS,nagapattinam
04	05-06-2013 to 10-06-2013	Industrial automation	Prolific Systems, Chennai
05	20-12-2013 to 24-12-2013	Multisim Lab View	National instruments
06	20-12-2013 to 24-12-2013	Mat lab for electrical engineers	K.Thayumanavan A.P/ dept of EEE UCE , Panruti
07	18-06-2012 to 23-06-2012	Advanced industrial automation	i-Max industrial automation technologies, Tanjavur division
08	25-06-2012 To 29-06-2012	Lab View	National instruments
09	14-04-2012	Power system analysis	Dr.AjayD.Vimalraj, Asst. Prof, Dept. of EEE, P.E.C, Puducherry
10	14-04-2012	Control systems	Dr.N.P.subramaniyan, Asst. Prof, Dept. of EEE, P.E.C, Puducherry
11	11-08-2012 to 12-08-2012	Lab View	National instruments
12	30-04-2011	Control systems	Dr.N.Sivakumaran, Professor, Dept. of E&I, NIT, Trichy
13	1.6.2011 to 3.6.2011	3days workshop on ” <b>National Franchisee Training programme</b> ”	Er.R.Manian,B.E.,M,I,E., Dy.Geeneral Manager, TANGEDCO,Madurai
14	12.9.2011	One Day Seminar on “ <b>UPS&amp;Battery</b> ”	Er.S.Arul Raj,B.Tech.,M.B.A., Plant Manager,Reliance communication Ltd.,Chennai.
15	10.9.2011	One Day Seminar on “ <b>PLC,SCADA&amp;DCS</b> ”	Er.N.Gopalan, Project Manager, Prolific Systems&Technologies Pvt.,Ltd.,Chennai.

16	21.09.11	Recent trends in robotics	Dr.S.Ramabalan, Principal, E.G.S.P.E.C
17	7.12.2011 to 11.12.2011	5 Days Training program on “ <b>Industrial Automation</b> ”	Prolific Systems, Chennai
18	17.12.2011 to 21.12.2011	5 Days Training program on “ <b>Embedded System</b> ”	Hypotech Solutions, Chennai
19	17.12.2011 to 21.12.2011	5 Days Workshop on “ <b>Matlab For Electrical Engineeets</b> ”	Dr.S.Jeevanaham, Associate Professor, PEC.
20	11.12.2012	2 Days Workshop on “ <b>Pc Hardware Trouble Shooting</b> ”	Mr.M.Chinnadurai,AP,EGSPEC. Mr.G.Gopinath,Sys.Admin,E-Zone Computer. Mr.C.Mathuvanesan,Lect,EGSPEC

### 30. Teaching methods adopted to improve student learning

- ✓ Discussion
- ✓ Power Point Presentation
- ✓ Video Tutorials
- ✓ Tutorial Classes
- ✓ Seminars

### 31. Participation in Institutional Social Responsibility (ISR) and extension activities during last 3 years.

S.No	Date	Details of the Program	Remarks
1.	March 2013	Organ Donation rally from college to railway station covered around 10 Km	<b>191</b> Students participated from the department

### 32. Strength, Weakness, Opportunities, Challenge, analysis of the department and future plan.

**Strength of the Department:** Team work, Good Leadership, Commitment

**Weakness of the Department:** Slow learners

**Opportunities:** Research activity,

**Challenge:** Reaching commendable result

**Future plan:** Achieving 100 % result, Consultancy Work, R&D work for every

## **6.4 Electronics and Communication Engineering Department**

### **1. Name of the Department & its year of establishment**

Electronics and Communication Engineering & 2004

### **2. Name of Programme / Course offered**

<b>S.No</b>	<b>Name of the Programmes Offered</b>	<b>UG/PG</b>
<b>1.</b>	ELECTRONICS AND COMMUNICATION ENGINEERING	UG
<b>2.</b>	COMMUNICATION SYSTEMS	PG

### **3. Inter disciplinary course and departments involved: NIL**

### **4. Annual/Semester/Choice based Credit System:**

Semester system as per the guidelines of the Anna University.

### **5. Participation of the department in the course offered for by other departments**

<b>S.No</b>	<b>Inter disciplinary courses offered</b>	<b>Name of Departments involved</b>
01	Mathematics-III, Probability and Random Process, Numerical Methods & Communication skills Lab	S & H
02	Control System, Electrical Engineering	EEE
03	Data Structures, Computer Networks & Computer Architecture	CSE

### **6. Number of Teaching Posts sanctioned and filled**

<b>S.No</b>	<b>Name of the Teaching Post</b>	<b>Sanctioned</b>	<b>Filled</b>
01	Professor	01	01
02	Associate Professor	02	02
03	Assistant Professor	09	10

### **7. Faculty Profile with Name, Qualification, Designation, Specialization**

#### **7.1 Under Graduate Program:**

#### **7.1 Under Graduate Program:**

**Name of UG Program:** B.E-Electronics and Communication Engineering (ECE)

S.No	Name of Faculty	Qualification	Designation	Specialization	Experience	No.of UG/PG/Ph.D students guided
1	R.Lakshmi rekha	M.E(Ph.D)	H.O.D/ Assoc.Prof	APPLIED ELECTRONICS	14	25
2	K. Parthasarathi	M.E	Assoc.Prof	COMMUNICATION SYSTEMS	14	10
3	S.Chitra	M.E	A.P	APPLIED ELECTRONICS	5	8
4	V.Elavarasi	M.E	A.P	COMMUNICATION SYSTEMS	5 Years & 4 Months	6
5	D.Devarajan	M.E	A.P	COMMUNICATION SYSTEMS	5	6
6	C.Mathuvanesan	M.E	A.P	COMMUNICATION SYSTEMS	3	4
7	S.Durga devi	M.E	A.P	VLSI DESIGN	6	3
8	L.RamachanDran	M.E	A.P	COMPUTER & INFORMATION TECHNOLOGY	3	1
9	T.Senthil kumar	M.E	A.P	APPLIED ELECTRONICS	5 Months	1
10	S.Senthil kumar	M.E	A.P	NANO ELECTRONICS	11 Months	2
11	M.Nuthal srinivasan	M.E	A.P	COMMUNICATION SYSTEMS	5	10
12	P. Arthi	B.E (M.E)	Pro Term Lecturer	Communication Systems	6 Months	3
13	Deepa	M.E	A.P	VLSI	3 Months	2



**7.2 Post Graduate Program:****Name of PG Program:** M.E - Communication Systems (CS)

S.No	Name of Faculty	Qualification	Designation	Specialization	Experience	No.of UG/PG/Ph. D students guided
1	R.S.Koteeshwari	M.E	A.P	Communication Systems	8 Years & 5months	10
2	S.Jegatheswari	M.E	A.P	Communication Systems	3 Years& 6 Months	6
3	S.Parhtha sarathi	M.E	A.P	Embedded System	5 Months	1

**8. Percentage of Class taken by Temporary Faculty NIL****9. Program wise Student – Teacher Ratio**

S.No	Program	Student – Staff Ratio
01	UG	17:1
02	PG	6:1

**10. Number of Academic Support Staff ,Technical and Administrative Staff**

S.No	Staff Category	Sanctioned	Filled
01	Technical	3	3
02	Administrative Staff	1	1

**11. List of Senior Visiting Faculty: NIL****12. Qualification of Teaching Faculty with Ph.D/M.Phil/P.G**

S.No	Name of the Faculty	Designation	Qualification	Specialization	Remarks
1	R.Lakshmi rekha	H.O.D	M.E(Ph.D)	Applied electronics	
2	K. Parthasarathi	Assoc.Prof	M.E	Communication systems	
3	R.S.Koteeshwari	A.P	M.E	Communication systems	
4	S.Chitra	A.P	M.E	Applied electronics	
5	V.Elavarasi	A.P	M.E	Communication	

				systems	
6	D.Devarajan	A.P	M.E	Communication systems	
7	S.Jegatheeswari	A.P	M.E	Communication systems	
8	C.Mathuvanesan	A.P	M.E	Communication systems	
9	S.Durga devi	A.P	M.E	Vlsi design	
10	L.RamachanDran	A.P	M.E	Computer & information tech	
11	T.Senthil kumar	A.P	M.E	Applied electronics	
12	S.Senthil kumar	A.P	M.E	Nano electronics	
13	M.Nuthal srinivasan	A.P	M.E	Communication systems	
14	Deepa	A.P	M.E	VLSI	

**13. Number of Faculty with ongoing projects from National/International funding agencies and grants received: NIL**

**14. Research Centre / Facility recognized by the University: NIL**

### **15. Publications**

**15.1 Particulars of Papers published in peer reviewed Journals (National/International) by the Faculty and Students**

<b>S.No</b>	<b>Name of the Authors</b>	<b>Title of the Paper</b>	<b>Name of the Journal</b>	<b>Page No. &amp; Vol. No.</b>	<b>Year of Publication</b>
1	R. Lakshmi Rekha	Fuzzy rg-Super IR resolute Mapping	IOSR	Volume 9	2013
2	R. S. Koteeshwari	Voice over IB via Bluetooth /wifi peer to peer	IJEa	ISSN : 2250-3935	2012
3	C.Mathvanesan	Performance analysis of singularity & irregular detection in human health monitoring using LIPSHITZ exponent	IJERT	Volume 2	2013
4	M. Nuyhal	Recovery of EMG signal	IJRIT	Volume 2	2014

	Srinivasan	from the mixture of ECG-EMG signal			
5	R. Giritharan	A technique of transferring visual information between brain – An Eye to visually impaired person	IJARECE	Volume 3, P. No. 83-88	2014
6	R. Giritharan	A non-conventional Mobile phone charger	IJARECE	Volume 3, P. No. 183-190	2014

### 15.2 Books, Manuals, Question Banks, Resource Materials Edited / Published

S.No	Name and Designation of the Author	Title of the Books, Manuals, Question Banks, Resource Materials	Name of the Publisher
1	R. Lakshmi Rekha & Professor	Digital Image Processing	Lakshmi Publications
2	R. Lakshmi Rekha & Professor	Digital Signal Processing	Lakshmi Publications

### 15.3 Number of publications listed in International Database: NIL

### 16. Areas of Consultancy and Income generated: NIL

### 17. Faculty as Members in National/International committees, Editorial Boards etc: NIL

### 18. Students Projects

S.No	Year	Total Students	Inhouse Projects		Collaborative with Industries	
			No.	Percentage	No.	Percentage
01	2011 – 12	62	62	100	-	-
02	2012 – 13	61	60	98.3	1	1.7
03	2013 –14	77	77	100	-	-

### 19. Awards / Recognition received by Faculty and Students

S.No	Name of the Staff / Student	Name of the Award	Awarding Organization	Year
01	R. Giritharan	Best paper	Jayalakshmi Institute of technology	2014
02	R. Giritharan	Third Prize	Jayalakshmi Institute of technology	2014
03	R. Lakshmi Reka	Best Paper	ICRPET-2013, EGSPEC	2013

## 20. List of Eminent Academicians and Scientists/Visitors to the Department

S.No	Name and Designation of the Dignitary	Date of Visit	Purpose
01	Mr.S.Janarthanam,scientist,NIELIT	13. 12. 2012	Seminar
02	Er.R.Rajesh reddy, Anas true organics, Research analyst	10. 01. 2013	ISTE Sponsored Program
03	Mr.R,Ragubathy, AP VIT, Chennai	09.03.2014	Guest Lecture
04	Mr.M.Paramasivam, AP Akshaya engg college,Chennai	23.03.2014	Guest Lecture

## 21. Seminars/Conference/Workshops and Source of Funding

### 21.1 International Conferences

S.No	Name of the International Conferences	Year of Program	Date	Funding Agency
01	ICAET-2012	2011 – 12	March 28&29	IEEE
02	ICRDPET-2013	2012 – 13	March 29 &30	IEEE
03	ICAET 2014 & ICIRET 2014	2013 – 14	May 2 &3	IEEE

### 21.2 National Conferences, Seminars, Symposium, Talent Shows Conducted

S.No	Name of the Program	Year of Program	Date	Remarks
01	ICAET-2012	2011 – 12	March 28&29	IEEE
02	ICRDPET-2013	2012 – 13	March 29 &30	IEEE
03	ICAET 2014 & ICIRET 2014	2013 – 14	May 2 &3	IEEE
04	Training Program	2014 - 2015	06.08.14 to 10.08.2014	Training Program
05	Symposium	2014 - 2015	13.09.2014	Event
06	Recent trends in ECE	2014 - 2015	29.09.2014	Seminar

## 22. Student Profile Programme / Course wise

Name of the Course	UG or PG	Selected		Pass Percentage	
Batch of the Student		Male	Female	Male	Female
2008 – 2011	UG	48	17	58.3	94.1
2009 – 2012		40	22	37.5	77.27
2010 – 2013		27	34	22.2	52.94
2011 – 2014		32	45		

**23. Diversity of Students**

Students Batch	% of Students of Tamil Nadu	% of Students from Other State	% of Students from Abroad
2007 – 2011	96.92	3.08	-
2008 – 2012	98.38	1.62	-
2009 – 2013	100	-	-
2010 – 2014	98.7	1.3	-

**24. How many Students have cleared National and International Competitive examinations such as NET, SLET, GATE, Civil Services, Degree Service etc.: NIL**

**25. Student Progression**

Category	Percentage
UG to PG	3%
PG to M.Phil	0
PG to Ph.D	3%
Employed	28%
Campus Selected	29%
Other than Campus Selected	32%
Entrepreneurship / Self employer	5%

**26. List of Illustrious Alumni**

S.NO	NAME	BATCH	POSITION	ADDRESS
01	M. Pappathi	2009-13	Network engineer	GEM Software solutions , Alwarpet, Chennai.
02	S. Siva	2009-13	Excutive	ALCATAL-LUCENT , T. Nagar, Chennai.
03	G. Priyadharshini	2009-13	Area Manager	ICICI Bank, Panaikulam, Ramanathapuram.
04	B. Iyswarya	2009-13	Network engineer	Scientific publishing services pvt. Lmt, R.K.Main road, Alwarpet.
05	S.Suburayan	2008-12	Service engineer	Airtel Networks Ltd,Chennai
06	P.Barani tharan	2008-12	Maintenance engineer	Airtel Networks Ltd,Chennai
07	R.Murugan	2008-12	Network engineer	ABBL Ltd,Bangalore
08	S.Mohamed ejaz	2008-12	Service engineer	Airtel Networks Ltd,Chennai
09	P. Arivalagan	2005-09	VLSI Programmer	Ranases Technologies, Coimbatore.
10	S. Ashok	2005-09	Consaltant	ASCENDANT Technology AVNET, Chennai.
11	R. Arun	2005-09	Performance Management	Nokia solution networks, Chennai.

**27. Details of Infrastructural Facilities****a) Library****Department Library: Yes****Book Bank Scheme: Yes****b) Internet Facilities for Staff and Students: Yes****c) Class room with ICT Facilities:** One class room is provided with LCD Projector and other ICT facilities**d) Laboratories**

<b>S.No</b>	<b>Name of the Laboratory</b>
1.	Digital Laboratory
2.	Optical and Microwave Laboratory
3.	Microprocessor Laboratory
4.	Electronic Devices lab
5.	Communication systems lab
6.	VLSI lab
7.	DSP Lab
8.	Embedded Systems Lab
9.	Linear Integrated Circuits Lab
10.	Electronic System Design Lab

**28. Number of Students receiving financial assistance from college, Government and other Organization.****Details are furnished separately.****29. Details of Student enrichment programs (Special Lectures/Workshops/Seminars) with external experts conducted during the last 3 years.**

<b>S.NO</b>	<b>Date</b>	<b>Name of the program</b>	<b>Collaborative expert</b>
01	16.6.2014-20.6.2014	VLSI DESIGN using Xilinx(vac)	A.D.Senthilkumar
02	6.8.2014-10.8.2014	ISTE Sponsored Short term training program on DSP	R.Lakshmirekha
03	19.5.2014	ISTE Sponsored one day workshop on " RF system design using ADS software" .	Mohamed Ismaeel Maraicar
04	15.5.2014	ISTE Sponsored one day seminar on "An Easy Approach On Mobile Technology"	V.Prakash
05	29.4.2014	workshop on "Fundamentals of signals and Image processing"	R.Lakshmirekha
06	08.12.14 to 12.12.2014	Five days value added course on “Embedded C”	S. Parthasarathy
07	15.12.14 to 19.12. 15	Five days value added course on “Embedded C”	S. Parthasarathy
08	15.12.14 to	Five days value added course on “8051 – micro	

	19.12. 15	controller and programming in Embedded C”	Robert Jean
09	28.12.14 to 01.01. 15	Five days value added course on “Pick micro controleer”	S. Parthasarathy
10	1.7.2013 to 5.7.2013	Short term training program on DSP	Prof.R.L.Rekha,EGSPEC
11	10.6.13 to 14.6.2013	Value added course on <b>EMBEDDED SYSTEM</b>	Mr.Robert jean.A,Senior Embedded engineer,Vistronics Design Solution, Mr.Sainadh kumar.K, Embedded Software developer, Vistronics Design Solution
12	11.6.13 to 14.6.2013	Four days value added course on <b>JAVA AND ANDROID</b>	Dr.R.Chakravarthi, Dean for school of computing, EGSPEC
13	09.12.2013 to 13.12.2013	Five days value added course <b>ON VLSI DESIGN</b>	Prof.A.D.Senthil kumar, Manager,Verilog course team,Chennai
14	23.12.2013	Five days value added course on <b>PLC TRAINING PROGRAM</b>	Smart brain center training Center, Chennai.
15	14.2.2013	One day work shop on <b>VLSI DESIGN</b>	Prof.R.L.Rekha,EGSPEC
16	29.3.2013 to 30.3.2013	Two days <b>IEEE ICRDPET</b> conference	In association with IEEE
17	28.3.2013	One day <b>PRE CONFERENCE WORKSHOP</b> on build your embedded system using graphical system design platform	NATIONAL INSTRUMENTS, Bangalore
18	10.1.2013	One day <b>ISTE</b> sponsored program on <b>RECENT TREND IN BIO SIGNAL PROCESSING</b>	Er.R.Rajesh reddy, Anas true organics, Research analyst
19	13.12.2012	Two days workshop on <b>FUNDAMENTALS OF SIGNAL AND IMAGE PROCESSING USING MATLAB</b>	Mr.S.Janarthanam,scientist, NIELIT
20	25.6.2012 to 29.6.2012	LABVIEW	NATIONAL INSTRUMENTS FACULTIES
21	25.6.2012 TO 29.6.2012	PCB Designing and fabrication	A.R.Kasthuri,A.K.TRONIC S,Trichy
22	30.3.2012 to 31.3.2012	IEEE International conference on ICAESM	Organised by EGSPEC
23	2012	Technical exhibition	CONDUCTED BY EGSPEC ,ECE DEPT
24	3.3.2012	One day national level technical symposium	CONDUCTED BY EGSPEC ,ECE DEPT
25	17.12.2011	Five days training program in embedded programming	HYPOTECH SOLUTIONS COIMBATORE.
26	13.12.2011	Five days training program in PLC,SCADA & VFD	Prolofic system ,Chennai

	to 17.12.2011		
27	12.12.11 to 16.12.11	Five days training program in PCB Design	Mr.Kasthuri rengan,A.K.Trronics,Trichy
28	20.08.2011	Graphical system design for engg applications using LABVIEW	TECH LABS,CHENNAI.
<b>M.E</b>			
1.	6.10.2013	Applied Mahtematics For Communication Engineering	Mr.B.Balamurugan,HOD,S &H VIT,CHENNAI,
2.	14.10.2013	Advanced Digital Communication Techniques	Mr.R,Ragubathy,AP,VIT CHENNAI,
3.	16.10.2013	Applied Mahtematics For Communication Engineering	Mr.B.Balamurugan,HOD,S &H VIT,CHENNAI,
4.	24.11.2013	Advanced Digital Communication Techniques	Mr.R,Ragubathy,AP,VIT CHENNAI,
5.	25.11.2013	ASIC and FPGA	Mr.kalyanasundaram,M.E, BSNL
6.	1.12.2013	Applied Mahtematics For Communication Engineering	Mr.B.Balamurugan,HOD,S &H VIT,CHENNAI,
7.	22.12.2013	Advanced Digital Communication Techniques	Mr.R,Ragubathy,AP,VIT CHENNAI,
8.	9.3.2014	Advanced Digital Signal Processing	Mr.R,Ragubathy,AP,VIT CHENNAI,
9.	23.3.2014	Wireless Communication Networks	Mr.M.Paramasivam,AP,Ak shaya engg college,Chennai

### 30. Teaching methods adopted to improve student learning

- a) Tutorial Hours
- b) Seminar
- c) Innovative Assignments
- d) Content Beyond the syllabus

### 31. Participation in Institutional Social Responsibility (ISR) and extension activities during last 3 years.

S.No	Date	Details of the Program	Remarks
1.	21.06.2013	In Plant Training in India's Public Service Broadcaster	3 <sup>rd</sup> Year ECE Students



### **32. Strength, Weakness, Opportunities, Challenge, analysis of the department and future plan.**

#### **Strength**

- ISO 9001:2008 certified department
- Students are given coaching by experts to improve their skills required for placements like resume writing, communication skills, written tests, group discussion, technical and personal interviews
- Building a strong ALUMNI association, so that Industry – Institute relationship is possible to begin with lot of promise.
- Many concerns are ready to provide internship training in their own castle. Motivating students to attend a few and more in coming academics.
- How to promote engineering education as a field of scientific and scholarly research?
- How should engineering schools respond to rapid changes in economic conditions?

#### **Future Plan**

- Conducting guest lectures by industrial giants.
- Developing the personality of the students for improving their employability.,Counseling & grooming the students for Placements.
- To carry out necessary liaison with top companies of India and world for campus placements and to ensure placement of all eligible students.

## 6.5 Information Technology Department

### 1. Name of the Department & its year of establishment:

INFORMATION TECHNOLOGY / 2000

### 2. Name of Programme / Course offered

S.No	Name of the Programmes Offered	UG/PG
01	Information Technology	UG

### 3. Inter disciplinary course and departments involved: NIL

### 4. Annual/Semester/Choice based Credit System:

Semester system as per the guidelines of the Anna University.

### 5. Participation of the department in the course offered for by other departments

S.No	Inter disciplinary courses offered	Name of Departments involved
01	Computer Programming	Mech, Civil, ECE, EEE
02	Data Structures and Algorithms	ECE, EEE
03	Object Oriented Programming	EEE
04	Computer Networks	ECE, EEE
05	Operating Systems	EEE
06	Computer Organization	ECE

### 6. Number of Teaching Posts sanctioned and filled

S.No	Name of the Teaching Post	Sanctioned	Filled
01	Professor	01	00
02	Associate Professor	02	02
03	Assistant Professor	09	10

### 7. Faculty Profile with Name, Qualification, Designation, Specialization

#### 7.1 Under Graduate Program: Name of UG Program: Information Technology

S.No	Name of the Faculty	Qualification	Designation	Specialization	Experience	No. of UG/PG/Ph.D Students Guided
01	B.Saravanakumaran	M.E.,(Ph.D)	Assoc. Prof	CSE	11.8	UG : 28 PG: 01

02	M.Chinnadurai	M.E.,(Ph.D)	Assoc.Prof	CSE	9.10	UG: 22 PG: 01
03	N.Murali	M.E.,(Ph.D)	Asst.Prof	CSE	5.9	UG:18 PG:01
04	V.Sathya	M.E	Asst.Prof	Computer & Communicatio n	10.6	UG: 20 PG:00
05	V.M.Suresh	M.E	Asst.Prof	CSE	3.8	UG: 16 PG:01
06	A.Javed Sultan	M.Tech	Asst.Prof	IT	4.5	UG:18 PG:01
07	S.Manikandan	M.E	Asst.Prof	CSE	2.0	UG:09 PG:00
08	K.Manikandakumaran	M.E	Asst.Prof	CSE	2.0	UG:08 PG:00
09	S.Palanimurugan	M.E	Asst.Prof	CSE	2.0	UG:09 PG:00
10	P.Suganya	M.E	Asst.Prof	CSE	2.0	UG:09 PG:00
11	Alekya	M.E	Asst.Prof	CSE	0.4	UG: 02 PG: 00
12	R.Uma Maheswari	M.E	Asst.Prof	CSE	0.1	UG:03 PG:00

## 7.2 Post Graduate Program:

**Name of PG Program: NIL**

## 8. Percentage of Class taken by Temporary Faculty NIL

## 9. Program wise Student – Teacher Ratio

S.No	Program	Student – Staff Ratio
01	UG	13:1
02	PG	NIL

## 10. Number of Academic Support Staff ,Technical and Administrative Staff

S.No	Staff Category	Sanctioned	Filled
01	Technical	01	01
02	Administrative Staff	01	01

**11. List of Senior Visiting Faculty: NIL****12. Qualification of Teaching Faculty with Ph.D/M.Phil/P.G**

S.No	Name of the Faculty	Designation	Qualification	Specialization
01	B.Saravanakumaran	Assoc. Prof	M.E	CSE
02	M.Chinnadurai	Assoc.Prof	M.E	CSE
03	N.Murali	Asst.Prof	M.E	CSE
04	V.Sathya	Asst.Prof	M.E	Computer & Communication
05	V.M.Suresh	Asst.Prof	M.E	CSE
06	A.Javed Sultan	Asst.Prof	M.Tech	IT
07	S.Manikandan	Asst.Prof	M.E	CSE
08	K.Manikandakumaran	Asst.Prof	M.E	CSE
09	S.Palanimurugan	Asst.Prof	M.E	CSE
10	P.Suganya	Asst.Prof	M.E	CSE
11	Alekya	Asst.Prof	M.E	CSE
12	R.Uma Maheswari	Asst.Prof	M.E	CSE

**13. Number of Faculty with ongoing projects from National/International funding agencies and grants received :**

S.No	Name of the Project	Funding Agency	Name of the Investigator	Amount (in Lakhs.)
01	Skill Training in Banking Financial Sevices & Insurance	Tamil Nadu Skill Development Mission Council (TNSDC)	Mr.S.Manikandan	0.50

**14. Research Centre / Facility recognized by the University: NIL****15. Publications****15.1 Particulars of Papers published in peer reviewed Journals (National/International) by the Faculty and Students**

S.No	Name of the Authors	Title of the Paper	Name of the Journal	Year of Publication
01	B.Saravanakumaran	Combination of Misuse and Anomaly intrusion Detection Systems	CIIT - International Journal On Knowledge Engineering.	2011
02	S. Manikandan	Identifying semantic relations between disease and treatment using Machine learning	International Journal on Research and Technology(IJERT)	June-2013

03		An Efficient Streaming-Application on Distributed Hybrid Cloud Platforms	International Journal of Advanced Information Science and Technology (IJAIST)	July-2014
04	S. Manikandan	Virtual Network Connection Using Mobile Phones	COMPUSOFT, An International Journal of Advanced Computer Technology	June-2014
05		Information Technology Architectures for Grid Computing and Applications	International Journal of Advanced Research Computer Engineering and Technology	June-2014
06		Performance Analysis of Mobile Ad-Hoc Network Routing Protocols using Network Simulator – 2	COMPUSOFT, An International Journal of Advanced Computer Technology	June-2014
07	K. Manikanda Kumaran	Performance Analysis of Mobile Ad-Hoc Network Routing Protocols using Network Simulator – 2	COMPUSOFT, An International Journal of Advanced Computer Technology	June-2014
08		Identifying semantic relations between disease and treatment using Machine learning Approach	International Journal on Research and Technology(IJERT)	June-2013
09	S.Lavanya P.Suganya E.Elakiya E.Vijayavani	Improving Security of Password and Classification of Threats emails	IJARCMS	July-2014
10	E.Vijayavani S.Lavanya P.Suganya E.Elakiya	Emotion Recognition based on MFCC Features using SVM	IJARCMS	July-2014
11	S.Palanimurugan A.JavedSultan N.Murali V.M.Suresh	Fuzzy Driven data writing techniques for effective prediction	IJARCS	July-2014
12	S.Palanimurugan A.JavedSultan N.Murali V.M.Suresh	An Efficient and Scalable CAPTHA implementation with no segmentation overhead	IJARCS	July-2014

### 15.2 Books, Manuals, Question Banks, Resource Materials Edited / Published

S.No	Name of the Faculty	Title of the Books, Manuals, Question Banks, Resource Materials	Name of the Publisher
01	B.Saravankumaran	Operating System Question Bank	Self
		Operating system Course Material and Question Bank	
02	M.Chinnadurai	Computer programming	Sri Maruthi publishers
		Java Programming Lab Manual	Self
		Embedded System Question Bank	
		Professional ethics Course Material and Question Bank	
03	N.Murali	Computer Programming Lab Manual	Self
		Software Quality Assurance Question Bank	
		Embedded system Course Material and Question Bank	
04	A.Javed Sultan	DBMS Lab Manual	Self
		Web Technology Question Bank	
05	V.M.Suresh	Graphics and Multimedia Lab Manual	Self
		Graphics and Multimedia Question Bank	
		Network programming Course Material and Question Bank	
		Software engineering Course Material and Question Bank	
06	S.Manikandan	Networks Lab Manual	Self
		Network Programming and Management Course Material and Question Bank	
		Distributed system question bank and resource material	
07	K.ManikandaKumaran	Web Technology Lab Manual	Self
		Enterprise Resource Planning Question Bank	
		Cryptography and Network Security Course Material and Question Bank	
08	S.Palanimurugan	Web Technology Lab Manual	Self
		Computer Organization and Architecture Question Bank	
		Object oriented analysis and design Course Material and Question Bank	
		Design and analysis of algorithm Course Material and Question Bank	
09	P.Suganya	OOAD Lab Manual	Self
		XML and Web Services Question Bank	

		Web technology Course Material and Question Bank	
10	E.Vijayavani	System Software Lab Manual	Self
		Mobile Computing Question Bank	
11	S.Lavanya	Operating Systems Lab Manual	Self
		Software Testing	

### 15.3 Number of publications listed in International Database: NIL

### 16. Areas of Consultancy and Income generated:

S.No	Name of the Company	Name of Work	Coordinator	Amount
01	Aptech Pvt Ltd	Science Olympiad Examination	Mr.M.Chinndurai Mr.S.Manikandan	0.012

### 17. Faculty as Members in National/International committees, Editorial Boards etc., NIL

### 18. Students Projects

S.No	Year	Total Students	Inhouse Projects		Collaborative with Industries	
			No.	Percentage	No.	Percentage
01	2011 – 12	58	58	100	-	-
02	2012 – 13	29	29	100	-	-
03	2013 –14	52	52	100	-	-

### 19. Awards / Recognition received by Faculty and Students

S.No	Name of the Staff / Student	Name of the Award	Awarding Organization	Year
01	A.Javed Sultan	Best Speaker	Dept. of English, EGSPEC	2014
02	S.Manikandan	Best Speaker	Dept. of English, EGSPEC	2014
03	K.Manikanda Kumaran	Best Speaker	Dept. of English, EGSPEC	2014
04	S.Deepak Santh	Best Project	EGSPEC	2014
05	A.Balakrishnan	Best Project	EGSPEC	2014
06	Elakkiya.R	Best Project	EGSPEC	2014
07	Anu Radha.R	Best Project	EGSPEC	2014
08	Delphin Jenisha.J	Best Project	EGSPEC	2014
09	S. Pavithra Ms. Sukipriya R. Jayalakshmi	Best Project Award	E.G.S. Pillay Engineering College, Nagapattinam	2013
10	S. Sanjal	Quiz	M.A.M College of	2012

			Engg And Tech, Trichy	
11	S. Sanjal	Paper Presentation	M.A.M College Of Engg And Tech, Trichy	2012
12	B. Dhinesh	Debugging/ Spirit2k12	J. J. College Of Engg, Trichy	2012
13	G. Arun Prasath	Gaming	J. J. College Of Engg	2011
14	S.Manikandan	EMC AA Cloud Infrastruture and Services	ICTACT and EMC	2014
15	S.Palanimurugan	EMC AA Cloud Infrastruture and Services	ICTACT and EMC	2014
16	37 students from IV year (2011-15 batch)	EMC AA Cloud Infrastruture and Services	ICTACT and EMC	2014
17	30 students from IV year (2011-15 batch)	Programming Paradise – C Programming	E-Box	2014

**Details of students participation in seminars, workshop etc. held outside during the year  
2014 - 2015**

S.No	Date	Student Name	Name of the Organization	Name of the Programme
1.	26-1-2014	R. Jayalakshmi	IOS 7.0, Tek Campus	National Hall, Karaikal
2.	26-1-2014	S. Pavithra	IOS 7.0, Tek Campus	National Hall, Karaikal
3.	23-2-2014	R. Jayalakshmi	Ethical Hacking	Kernal Mind
4.	23-2-2014	S. Pavithra	Ethical Hacking	Kernal Mind
5.	28-2-2014	R. Jayalakshmi	Paper Presentation, Quiz, Game, Surprise Event /	Trichy Engineering College
6.	26-1-2014	R. Jayalakshmi	National Hall, Karaikal	IOS 7.0, Tek Campus
7.	26-1-2014	S. Pavithra	National Hall, Karaikal	IOS 7.0, Tek Campus



8.	23-2-2014	R. Jayalakshmi	Kernal Mind	Ethical Hacking
9.	23-2-2014	S. Pavithra	Kernal Mind	Ethical Hacking
10.	28-2-2014	R. Jayalakshmi	Trichy Engineering College	Paper Presentation, Quiz, Game, Surprise Event /
11.	Jan-2014	U.Nivethitha	Avce,manapanthal	Paper presentation
12.	Jan-2014	S.Dhivya	Avce,manapanthal	Paper presentation
13.	Jan-2014	R.Vinitha	Avce,manapanthal	Paper presentation
14.	Jan-2014	R.Lalitha	Avce,manapanthal	Paper presentation
15.	Jan-2014	I.Chitra	Avce,manapanthal	Paper presentation
16.	Jan-2014	S.Manimala	Avce,manapanthal	Paper presentation
17.	Jan-2014	R.Jayalakshmi	Uniq technologies	Java intership(10 days)
18.	Feb-2014	V.Vimal	Aamec,thiruvarur	debugging
19.	Feb-2014	A.Pradeep	Aamec,thiruvarur	debugging
20.	Feb-2014	P.Anbarasan	Aamec,thiruvarur	debugging
21.	Feb-2014	J.Pravikumar	Aamec,thiruvarur	debugging
22.	Feb-2014	R.Santhoshkumar	Aamec,thiruvarur	debugging
23.	Feb-2014	A.Kaleelurrahman	Aamec,thiruvarur	debugging
24.	Feb-2014	G.Harishkumar	Aamec,thiruvarur	debugging
25.	Feb-2014	R.Malarventhan	Aamec,thiruvarur	debugging
26.	Feb-2014	T.Vetrivel	Aamec,thiruvarur	debugging
27.	Jan-2015	M.Mohamed sheik alaudin	Pmu ,thanjore	Sap program
28.	Jan-2015	A.Vairaprasath	Intership in hcl	java
29.	Jan-2015	S.S.Satheeshkumar	Pmu,thanjore	Sap program

30.	Feb-2015	I.bhuvaneshwari	Shrinishikalvikodam,chennai	Paper presentation
31.	Dec 2014	J.Abinaya	Kaashiv InfoTech	ImplantTraining
32.	Jan 2015	J.Abinaya	AVC College Of Engineering	Paper presentation
33.	Feb 2015	J.Abinaya	AnjalaiAmmal Engineering College	Debugging
34.	Jan - 15	k. Gurubrindha	Kaashiv InfoTech	ImplantTraining
35.	Feb - 15	k. Gurubrindha	AVC College Of Engineering	Paper presentation
36.	Jun - 14	k. Gurubrindha	CSI School	Program Paradise
37.	Jun - 14	K. Hemashree	KaashivInfotech	WorkShop
38.	Feb - 15	K. Hemashree	AnjalaiAmmal College	Debugging
39.	Jun - 14	M .indhumathi	KaashivInfotech	WorkShop
40.	March - 9	M .indhumathi	KaashivInfotech	WorkShop
41.	Oct - 14	M .indhumathi	SVS college	Workshop
42.	Jun - 14	G.Priyanga	KaashivInfotech	WorkShop
43.	March - 14	G.Priyanga	KaashivInfotech	WorkShop
44.	Feb - 15	R.A.Kuralarasi	KaashivInfotech	Implant Training
45.	Jun - 14	S.Priya	KaashivInfotech	Implant Training
46.	Feb - 15	S.Priya	AnjalaiAmmal College	Debugging
47.	Sep - 15	A.SukiPriya	Sri ManakulaVinayagar College	Innovative Project Expo
48.	Sep - 15	A.Sanjal	Sri ManakulaVinayagar College	Innovative Project Expo
49.	Jan - 15	S.Dhivya	AVC Enginnering College	Paper Presentation
50.	Jun – 14	G.Kirthiga	KaashivInfotech	Implant Training
51.	Mar - 09	G.Kirthiga	KaashivInfotech	Implant Training

52.	Jun - 14	T.Nithya	AnjalaiAmmal Engineering College	Debugging
53.	Feb - 15	T.Nithya	KaashivInfotech	Implant Training
54.	Jun - 14	K.Sasikala	AnjalaiAmmal Engineering College	Debugging
55.	Feb - 15	K.Sasikala	KaashivInfotech	Implant Training
56.	Mar - 15	K.Sasikala	NIIT	Implanting Training
57.	Jun - 14	B.priyanka	AnjalaiAmmal Engineering College	Debugging
58.	Feb - 15	B.priyanka	KaashivInfotech	Implant Training
59.	Jun - 14	K.Sasikala	AnjalaiAmmal Engineering College	Debugging
60.	Feb - 15	K.Sasikala	KaashivInfotech	Implant Training
61.	Mar - 15	K.Sasikala	NIIT	Implanting Training
62.	Sep - 14	K.Sasikala	KaashivInfotech	Implant Training
63.	12/02/2015	P.Suriya	AnjalaiAmmalMahalingam Engineering college	Paper Presentation, Debugging
64.	12/02/2015	S.Banupriya	AnjalaiAmmalMahalingam Engineering college	Debugging
65.	30/01/2015	K.Vidhya	A.V.C Engineeing college	Paper Presentation
66.	30/01/2015	R.Shrikokila	A.V.C Engineeing college	Paper Presentation
67.	30/01/2015	R.Kannan	A.V.C Engineeing college	Paper Presentation
68.	30/01/2015	A.MustakAhamed	Kings College of Engineering	Debugging
69.	30/01/2015	R.Dinesh Kumar	A.V.C Engineeing college	Paper Presentation
70.	30/01/2015	M.TharikAhamed	Kings College of Engineering	Paper Presentation, Debugging
71.	12/02/2015	S.Madhan Kumar	Kings College of Engineering	Paper Presentation, Debugging
72.	12/02/2015	B.Venkatesan	AnjalaiAmmalMahalingam Engineering college	Debugging
73.	12/02/2015	R.Mathi	AnjalaiAmmalMahalingam Engineering college	Debugging

74.	12/02/2015	A.Buchiya	A.V.C Engineeing college	Paper Presentation, Debugging
75.	12/02/2015	T.Sivakalai	AnjalaiAmmalMahalingam Engineering college	Paper Presentation, Debugging
76.	12/02/2015	K.Pavithra	AnjalaiAmmalMahalingam Engineering college	Paper Presentation, Debugging
77.	12/02/2015	SubashPrianga	A.V.C Engineeing college	Paper Presentation, Debugging
78.	12/02/2015	M.Reetha	AnjalaiAmmalMahalingam Engineering college	Debugging
79.	6/02/2015	D.Mahalakshmi	Anna University,Chennai	Workshop
80.	6/02/2015	S.Divya	Anna University,Chennai	Workshop
81.	6/02/2015	S.Chandraleka	Anna University,Chennai	Workshop

Details of staff participation in seminars, workshop, training programmes etc., held outside.

S.No	Date	Name of the Student	Name of the organization	Name of the Programme
1.	Dec-2014 Dec-2014	B. Saravanakumaran	Anna university, Chennai.	Seminar on Research methodologies
2.		B. Saravanakumaran	St. peter's engineering college, Avadi	FTP on Java Programming
3.		M.Chinnadurai	St. peter's engineering college, Avadi	FTP on Java Programming
4.		M.Chinnadurai	Anna university, Chennai.	Seminar on Research methodologies
5.	Feb-2015	M.Chinnadurai	EMC Summit	EMC Academic summit
6.	Dec-2014	K.Manikandakumaran	Amphisoft technologies, Coimbatore.	Programming on 'C' through Engineering-Box
7.		E.Vijayavani	Amphisoft technologies, Coimbatore.	Programming on 'C' through Engineering-Box
8.	Nov-2014	S.Manikandan	Xavier catholic Engineering college, Pollachi	PHP MY SQL FTP
9.	Dec-2014	S.Manikandan	ICTACT Summit	Orientation program on Big Data
10	Feb-2015	S.Manikandan	EMC Summit	EMC Academic summit
11	Nov-2014	S.Palanimurugan	Xavier catholic Engineering college,	PHP MY SQL FTP
12	Dec-2014	S.Palanimurugan	ICTACT Summit	Orientation program on Big Data

13	Feb-2015	S.Palanimurugan	EMC Summit	EMC Academic summit
14	Dec-2014	P. Suganya	Anna university, Trichy	FTP on Entrepreneur Development programme
15			A.V.C. engineering college, Mayiladudurai	FTP on Advanced java Programming
16	Nov-2014	P. Suganya	Sri Krishna Engineering college, Coimbatore.	FTP on Data mining tools
17	May-2014	P. Suganya	Sri Ramakrishna Engineering college, Coimbatore.	FTP on Cloud infrastructure and services
18	Dec-2014	S.Palanimurugan	Tamil Nadu Entrepreneur Development cell, Chennai	Entrepreneur Development programme
19		K.Manikandakumaran	Tamil Nadu Entrepreneur Development cell, Chennai	Entrepreneur Development programme
20		N.Murali	Anna university, Chennai.	Seminar on Research methodologies
21	FEB-2015	N.Murali	PKIET, Karaikal	FTP on Research methodologies

## 20. List of Eminent Academicians and Scientists/Visitors to the Department

S.No	Name and Designation of the Dignitary	Date of Visit	Purpose
01	Mr. S. Baskar, CEO Mr. R. Sekar, Tech. Asst Linuxpert Systems, Chennai	16.12.2013	<p><b>1. Modernization of Lab:</b> Started new Lab in <b>Open Source Environment</b> from December'2013 onwards.</p> <p><b>2. FDP:</b> Two days Faculty Development Programme on <b>“Open Source Lab (FOSS)”</b> on December 2013.</p> <p><b>3. SDP:</b> Two days Student Development Programme on <b>“Operating System Design Case Study”</b> on March 2014.</p>
02	Mr.Raghavan, Facilitator Mr.Priya, Facilitator Micro Genesis, Chennai	May'2013	<b>1. FDP: One Week</b> Faculty Development Programme on <b>“IBM Rational Architect”</b> on May'2013.

03	Mr. R.Dhinesh, Sr. Web Developer Mr. D.Karthikeyan, Sr. Web Developer Unimity Solutions, Chennai	March'2013	<b>1. Workshop:</b> One day workshop on “ <b>PHP using Drupal</b> ” on March'2013.
04	Mr.Pugazhanthi, CEO Vision School and Chief Concept Architect Vision School, Pudhucherry	February'2014	<b>1. Guest Lecture:</b> One day Guest Lecture on “ <b>Personality Development</b> “ on February'2014.
05	Mr.S.Ramasamy, Asst. Vice President Computer Society of India, Chennai Chapter	March'2013	<b>1. CSI Student Branch:</b> Started CSI student branch on March'2013.
06	Dr.Rajkamal Prof/EEE Veltech and Multitech Engineering college , chennai	August'2014	Seminar – An Insight on Acadmic Projects
07	P.Shripriya Iyer Senior manager ClasseInfotech, Chennai	Septemper'2014	Carrier Guidance – Get Ready for GATE-2015

## 21. Seminars/Conference/Workshops and Source of Funding

S.No	Name of the Faculty	Name of the Programme	Funding Agencies	Grant Received
01	M. Chinnadurai S.Palanimurugan	FDTP	CFD Anna university	90000

### 21.1 International Conferences

S.No	Name of the International Conferences	Year of Program	Date	Funding Agency
01	IEEE-ICAESM-2012 & ICAET-2012	2011 – 12	30.03-2012 31.03.2012	Management
02	IEEE-ICRDPET-2013	2012 – 13	29.03.2013 30.03.2013	Management
03	IEEE-ICAET-2014 & ICIRET-2014	2013 – 14	02.05.2013 03.05.2013	Management

## 21.2 National Conferences, Seminars, Symposium, Talent Shows Conducted

S.No	Name of the Program	Year of Program	Date	Remarks
01	PHP using Drupal Tool	2013	MARCH 2013	Mr. D.Karthikeyan, Sr. Web Developer Mr. D.Karthikeyan, Sr. Web Developer Unimity Solutions, Chennai
02	Personality Development		FEB 2014	Mr.Pugazhanthi, CEO Vision School and Chief Concept Architect, Vision School,Pudhucherry

### 2014 - 2015

S.No	Event Name	Month & Year	Participants	Remarks
<b>Value Added Course</b>				
01	J2ME Android Mobile Apps	June'2013	50 Students from IV Year CSE & IT	Department Sponsor
02	CCNA Module 1	June'2013	100 Students from III Year CSE & IT	Department Sponsor
03	Cloud Infrastructure Services	June'2014	150 Students from IV Year CSE & IT	Department Sponsor
04	CCNA Module 1	June'2014	150 Students from III Year CSE & IT	Department Sponsor and CCNA Certification
05	EMC Acaemic Associate Cloud Infrastruture and Services	December'2014	100 Students from III Year CSE, IT, ECE and MCA	ICTACT and EMC
06	Placement Training on E-Box C-Programming	December'2014	100 Students from III Year CSE, IT, ECE and MCA	College and Ampisoft, Coimbatore
<b>Workshop</b>				
07	PHP using Drupal	March'2013	75 Students from III and IV year	Pre-Conference Workshop
08	Operating System Design Case Study	March'2014	50 Students from IV year and PG CSE	Student Development Programme
09	Cloud Infrastructure Service	June'2014	150 Students from IV Year CSE & IT	ICTACT Sponsor
10	Windows Administration and Maintenance	August'2014	58 Students from IV Year IT	IBM
11	Database Management	September'2014	40 Students from II	Oracle Academy

	Systems		Year IT	
12	Android Application Development	September'2014	58 Students from IV Year IT	Department and CSI Student Branch
<b>Industrial Visit</b>				
13	One day Visit – UST Global, Cochin	August'2014	52 Student from III Year IT	Industry Interaction
<b>On-Site Seminar</b>				
14	One day On-Site Seminar Mobile Communication	September'2014	58 Students from IV Year IT	BSNL Karaikal
15	One day On-Site Seminar Computer Networks	September'2014	50 Students from III Year IT	BSNL Karaikal
16	One day On-Site Seminar Analog & Digital Communication	October'2014	40 Students from II Year IT	All India Radio, Karaikal
<b>Seminar &amp; Guest Lecture</b>				
17	Digital signal processing	August'2013	75 Students from III year	Guest Lecture
18	Personality Development	February'2014	75 Students from II and III year	Motivational Talk
19	An Inside on Academic Projects	August'2014	150 Students from IV Year CSE & IT	Guest Lecture
20	Programming using MySQL	August'2014	40 Students from II Year IT	Webinar
21	GATE – 2015 Awareness Programme	September'2014	100 Students from IV Year CSE & IT	Carrier Guidance Cell
22	Programming and Data structures II	October'2014	40 Students from II Year IT	Guest Lecture
<b>Skill Development Sessions</b>				
23	Aptitude, Technical, Personality Development, Carrier Guidance	All Semester	II,III and IV year students	In a week three session available in regular academic.
<b>Symposium</b>				
24	Kridenz'14 – Paper Presentation, Debugging	August'2014	Inter and Intra college Students	Department Association Event
<b>Carrier Guidance</b>				
25	HR Conclave	September'2014	Inter and Intra college Students	Industry Interaction
26	Usage of Windows Certification	January'2015	50 Students from III IT	Carrier Guidance



27	Un Vazhkai Un (Thanmabi) Kai yil	February'2015	50 Students from IV IT	Carrier Guidance
----	-------------------------------------	---------------	------------------------	------------------

## 21. Student Profile Programme / Course wise

Name of the Course Batch of the Student	UG or PG	Selected		Pass Percentage	
		Male	Female	Male	Female
2008 – 2011	UG	40	22	60	96
2009 – 2012		30	18	30	89
2010 – 2013		16	13	13	76
2011 – 2014		18	34	05	56
2010 – 2011	PG	-	-	-	-
2011 – 2012		-	-	-	-
2012 -2013		-	-	-	-

## 22. Diversity of Students

Students Batch	% of Students of Tamil Nadu	% of Students from Other State	% of Students from Abroad
2007 - 2011	62	--	--
2008 - 2012	58	--	--
2009 - 2013	29	--	--
2010 - 2014	52	--	--

**23. How many Students have cleared National and International Competitive examinations such as NET, SLET, GATE, Civil Services, Degree Service etc.,:NIL**

## 25. Student Progression

Category	Percentage
UG to PG	26%
PG to M.Phil	--
PG to Ph.D	2%
Employed	95%
Campus Selected	30%
Other than Campus Selected	45%
Entrepreneurship / Self employer	5%

## 26. List of Illustrious Alumni

S.No	Name	Batch	Present Position	Remarks
1.	Mr. S.P. Saravanan	1996-2000	Project Manager	Cognizant

2.	Ms. Nithyapriya	1996-2000	Software Engineer	CAPGEMINI
3.	Mr. Jaganathan	1996-2000	Project Head	HCL
4.	Mr. Sabarinathan	1996-2000	Software Engineer	IBM(USA)
5.	Mr. Sunil kumar	1996-2000	Project Manager	TCS
6.	Mr. Jayaseelan	1996-2000	Technical Leader	TCS
7.	Ms. Iswarya	2003-2007	Software Engineer	TCS
8.	Mr. Vijayan	2003-2007	Technical Leader	SYNTEL
9.	Mr. Veeramani	2003-2007	Service Engineer	HOV Services
10.	Mr. Nagaraj	2003-2007	Service Engineer	HOV Services
11.	Mr. Sowrirajan	2003-2007	Software Engineer	TCS
12.	Mr. T. Ganesh	2005-2009	Programmer	FORD S/w Systems
13.	Mr. T. kaleeswaran	2005-2009	Software Engineer	MahinDra Sathyam
14.	Mr. B. Prakash	2005-2009	Software Engineer	CNSI
15.	Mr. Nagaraj	2005-2009	Programmer	Global AnDroid
16.	Mr. N.Arivoli	2005-2009	Software Engineer	IBM
17.	Mr. D. Sivasankaran	2005-2009	Software Engineer	CTS
18.	Mr.R.Ramkumar	2006-2010	Senior Programmer	Ten20.uae, Dubai
19.	Mr.P.Karthikeyan	2006-2010	Senior Programmer	MaxDeals.com, Dubai
20.	Mr.S.Saravanan	2006-2010	Senior Programmer	MaxDeals.com, Dubai
21.	Mr.Vijayakumar	2006-2010	Software Tester	HovService, Chennai
22.	Mr.P.Adhisesan	2006-2010	System Admin	Bank of Newyork Mellon
23.	Mr.S.Saravanan	2006-2010	System Admin	IBM, Bangalore
24.	Mr.Ezhilarasan	2006-2010	Database Manager	Bel Database, Chenni
25.	Mr.Md.Dhasneem	2006-2010	Business Developer	Talip Software,Chennai
26.	Mr.Venkatesan	2006-2010	.NET Developer	Tulip Bilop Software, Chennai

## 27. Details of Infrastructural Facilities

### a) Library

**Department Library:** Available with Text Books, Reference Books, Project Reports, CD Documents, Course Files

**Book Bank Scheme:** NO

**b) Internet Facilities for Staff and Students:** Available at any time (e-Journals facilities like IEEE, ACM, Science Direct, NPTEL Courses, e-Box Sceme)

**c) Class room with ICT Facilities :**One class room is provided with LCD Projector and other ICT facilities

**d) Laboratories**

S.No	Name of the Laboratory	Remarks
01	CC Lab - III	Open Source and Networking Lab

**28. Number of Students receiving financial assistance from college, Government and other Organization.**

Details are furnished separately.

**29. Details of Student enrichment programs (Special Lectures/Workshops/Seminars) with external experts conducted during the last 3 years.**

S.No	Event Name	Month & Year	Participants	Remarks
01	Digital signal processing	August '2013	50 Students from IV Year IT	Ms.R.L. Rekha, Associate Professor & Head, Department of ECE, EGSPEC.
02	Open source Training	August '2013	50 Students from IV Year IT	Mr.Suresh, Telecom Limited, Chennai.
03	Green Computing	June'2013	50 Students from IV Year IT	Dr.M. Joseph, Dean, St.Joseph College of Engineering & Technology, Thanjavur.
04	J2ME and AnDroid mobile Apps	July'2013	50 Students from IV Year IT	Department Faculties
<b>Value Added Course</b>				
05	IBM Rational Architect	June'2013	50 Students from IV Year CSE & IT	Mr.Raghavan, Facilitator  Mr.Priya, Facilitator from MicroGenisis, Chennai
06	CCNA Module 1	June'2013	100 Students from III Year CSE & IT	Department Sponsor
07	Cloud Infrastructure Services	June'2014	150 Students from IV Year CSE & IT	Department Sponsor
08	CCNA Module 1	June'2014	150 Students from III Year CSE & IT	Department Sponsor and CCNA Certification
09	EMC Acaemic Associate Cloud	December'2014	100 Students from III Year CSE, IT, ECE and	ICTACT and EMC

	Infrastruture and Services		MCA	
10	Placement Training on E-Box C-Programming	December'2014	100 Students from III Year CSE, IT, ECE and MCA	College and Ampisoft, Coimbatore
<b>Workshop</b>				
11	PHP using Drupal	March'2013	75 Students from III and IV year	Pre-Conference Workshop
12	Operating System Design Case Study	March'2014	50 Students from IV year and PG CSE	Student Development Programme
13	Cloud Infrastructure Service	June'2014	150 Students from IV Year CSE & IT	ICTACT Sponsor
14	Windows Administration and Maintenance	August'2014	58 Students from IV Year IT	IBM
15	Database Management Systems	September'2014	40 Students from II Year IT	Oracle Academy
16	Android Application Development	September'2014	58 Students from IV Year IT	Department and CSI Student Branch
<b>Industrial Visit</b>				
17	One day Visit – UST Global, Cochin	August'2014	52 Student from III Year IT	Industry Interaction
<b>On-Site Seminar</b>				
18	One day On-Site Seminar Mobile Communication	September'2014	58 Students from IV Year IT	BSNL Karaikal
19	One day On-Site Seminar Computer Networks	September'2014	50 Students from III Year IT	BSNL Karaikal
20	One day On-Site Seminar Analog & Digital Communication	October'2014	40 Students from II Year IT	All India Radio, Karaikal
<b>Seminar &amp; Guest Lecture</b>				
21	Digital signal processing	August'2013	75 Students from III year	Guest Lecture
22	Personality Development	February'2014	75 Students from II and III year	Motivational Talk
23	An Inside on Academic Projects	August'2014	150 Students from IV Year CSE & IT	Guest Lecture
24	Programming using MySQL	August'2014	40 Students from II Year IT	Webinar
25	GATE – 2015 Awareness Programme	September'2014	100 Students from IV Year CSE & IT	Carrier Guidance Cell

26	Programming and Data structures II	October'2014	40 Students from II Year IT	Guest Lecture
<b>Skill Development Sessions</b>				
27	Aptitude, Technical, Personality Development, Carrier Guidance	All Semester	II,III and IV year students	In a week three session available in regular academic.
<b>Symposium</b>				
28	Kridenz'14 – Paper Presentation, Debugging	August'2014	Inter and Intra college Students	Department Association Event
<b>Carrier Guidance</b>				
29	HR Conclave	September'2014	Inter and Intra college Students	Industry Interaction
30	Usage of Windows Certification	January'2015	50 Students from III IT	Carrier Guidance

### 30. Teaching methods adopted to improve student learning

- ✓ Discussion
- ✓ Power Point Presentation
- ✓ Video Tutorials
- ✓ Tutorial Classes
- ✓ Seminars

### 31. Participation in Institutional Social Responsibility (ISR) and extension activities during last 3 years.

S.No	Date	Details of the Program	Remarks
01	March 2013	Organ Donation rally from college to railway station covered around 10 Km	191 Students participated from the department
02	March 2013	Rally arranged for Charirman's Funeral from college to Charirman's home	More than 700 students participated
03	February'2015	Dengu Awareness Camp at Vilunthamavadi Village	50 students participated

### **32. Strength, Weakness, Opportunities, Challenge, analysis of the department and future plan.**

#### **STRENGTH**

- This team is technically very sound, equipped with versatile management traits and professional skills to match core needs of the corporate world. Highly educated and highly qualified eminent professors from various disciplines, such as networking, data mining, web mining, mobile communications, etc
- Classrooms equipped with projectors, air conditioners
- ISO 9001:2008 certified department
- This department takes care of both the academic & non-academic training for the students.
- Students are given coaching by experts to improve their skills required for placements like resume writing, communication skills, written tests, group discussion, technical and personal interview.

#### **OPPORTUNITIES**

- Building a strong ALUMNI association, so that Industry – Institute relationship is possible to begin with lot of promise.
- Many concerns are ready to provide internship training in their own castle. Motivating students to attend a few and more in coming academics.
- Organizations like UGC, ICTACT, AICTE are sponsoring engineering colleges and assisting with financial support for conducting symposiums, seminars, paper presentations, conferences etc., in various engineering colleges in and around tamilnadu. Students can make use of all the opportunities

#### **CHALLENGES**

- How to promote engineering education as a field of scientific and scholarly research?
- What skills do graduates need in order to survive the outsourcing of design and professional services?
- Should engineering schools embrace emerging specialties at the expense of traditional fields?
- How should engineering schools respond to rapid changes in economic conditions?

#### **FUTURE PLAN**

- Conducting guest lectures by industrial giants.
- Organizing industrial visits & training.

- Developing the personality of the students for improving their employability.,Counseling & grooming the students for Placements.
- To carry out necessary liaison with top companies of India and world for campus placements and to ensure placement of all eligible students.
- To motivate and counsel students about Industry practices and improve their emotional quotient.
- To assist students withthe help of concerned departments, in arranging summer training internships.
- The Leading Companies are invited to campus for taking part in the Placement Process on mutually convenient dates.

## 6.6 Civil Engineering Department

### 1. Name of the Department & its year of establishment

CIVIL ENGINEERING / 2011

### 2. Name of Programme / Course offered

S.No	Name of the Programmes Offered	UG/PG
01	Civil Engineering	UG

### 3. Inter disciplinary course and departments involved: NIL

### 4. Annual/Semester/Choice based Credit System:

Semester system as per the guidelines of the Anna University.

### 5. Participation of the department in the course offered for by other departments

S.No	Inter disciplinary courses offered	Name of Departments involved
01	Basic Civil Engineering	CSE,ECE,EEE,IT,Mech

### 6. Number of Teaching Posts sanctioned and filled

S.No	Name of the Teaching Post	Sanctioned	Filled
01	Professor	01	00
02	Associate Professor	02	01
03	Assistant Professor	09	13

### 7. Faculty Profile with Name, Qualification, Designation, Specialization

#### 7.1 Under Graduate Program: Name of UG Program: Civil Engineering

S. No	Name of the Faculty	Qualification	Designation	Specialization	Experience	No. of UG/PG/Ph.D Students Guided
01	P.Malliga	M.Tech	Assoc. Prof	ACT	10 Years	-
02	V.Balasubramani	M.E.	Asst.Prof	SE	06 Years	-
03	R.Narayanasamy	M.E.	Asst.Prof	CEM	01 Year	-
04	S.Ayyappa Moorthi	M.E.	Asst.Prof	CEM	06 Months	-
05	Krishnakumari	M.E	Asst.Professor	Env.Engg	-	-
06	G.Prakash	M.E	Asst.Professor	Stru.Engg	02 Years	-
07	P.Kavitha	M.E	Asst.Professor	Stru.Engg.	03 Years	-
08	PIRAKASAM.A	M.E	Asst.Professor	Conc.Tech	02 Years	-



09	SRINIVASAN	M.E	Asst.Professor	Stru.Engg.	02 Years	-
10	SANTHI	M.E	Asst.Professor	Conc.Tech	02 Years	-
11	RAMAMOORTHY	M.E	Asst.Professor	Conc.Tech	02 Years	-
12	A. Arjunan	M.E	Asst.Professor	Civil	01 Year	-

**7.2 Post Graduate Program: NIL**

**8. Percentage of Class taken by Temporary Faculty: NIL**

**9. Program wise Student – Teacher Ratio**

S.No	Program	Student – Staff Ratio
01	UG	15:1

**10. Number of Academic Support Staff, Technical and Administrative Staff**

S.No	Staff Category	Sanctioned	Filled
01	Technical	03	03

**11. List of Senior Visiting Faculty: Nil**

**12. Qualification of Teaching Faculty with Ph.D/M.Phil/P.G**

S.No	Name of the Faculty	Designation	Qualification	Specialization
01	P.Malliga	Assoc. Prof	M.Tech	ACT
02	V.Balasubramani	Asst.Prof	M.E.	SE
03	R.Narayanasamy	Asst.Prof	M.E.	CEM
04	S.Ayyappa Moorthi	Asst.Prof	M.E.	CEM
05	M.Monica	Pro-Term Lec	B.E	AIE
06	S.Sima	Pro-Term Lec	B.Tech	CE
07	V.Vigneshwary	Pro-Term Lec	B.Tech	CE

**13. Number of Faculty with ongoing projects from National/International funding agencies and grants received: NIL**

**14. Research Centre / Facility recognized by the University: NIL**

**15. Publications**

**15.1 Particulars of Papers published in peer reviewed Journals (National/International) by the Faculty and Students**

S.No	Name of the Authors	Title of the Paper	Name of the Journal	Year of Publication
01	P. Malliga	Strength Characteristics on Bottom Ash in Mortar & Concrete	Indian Concrete Journal(ICJ)	Sep-2000

### 15.2 Books, Manuals, Question Banks, Resource Materials Edited / Published

S.No	Name and Designation of the Author	Title of the Books, Manuals, Question Banks, Resource Materials	Name of the Publisher
01	P.Malliga	Survey Camp Lab Manual	Self
02	V.Balasubramani	Soil Mechanics Lab Manual	Self
03	R.Narayanasamy	Surveying I Lab Manual	Self
04	S.Ayyappa Moorthi	Surveying II Lab Manual	Self
05	M.Monica	Hydraulic Engineering Lab Manual	Self
06	S.Sima	Strength of Materials Lab Manual	Self
07	V.Vigneshwary	Environmental Engineering Lab Manual	Self

### 15.3 Number of Listed in International Database: NIL

### 16. Areas of Consultancy and Income generated:

Consultancy is provided by testing building materials such as steel, cement, concret, sand etc. to around 30 industries. A sum of Rs. 7.00 lakhs has been received as consultancy charges.

### 17. Faculty as Members in National/International committees, Editorial Boards etc.: NIL

### 18. Students Projects: NIL

### 19. Awards / Recognition received by Faculty and Students

S.No	Name of the Staff / Student	Name of the Award	Awarding Organization	Year
01	P.Malliga	Above 90% Result	EGSPEC	2013
02	V.Balasubramani	Above 90% Result	EGSPEC	2013
03	V.Balasubramani	Best Speaker	Dept. of English, EGSPEC	2014
04	V.Vigneshwary	Best Speaker	Dept. of English, EGSPEC	2014

### 20. List of Eminent Academicians and Scientists/Visitors to the Department: NIL

### 21. Seminars/Conference/Workshops and Source of Funding: NIL

### 21.1 International Conferences

S.No	Name of the International Conferences	Year of Program	Date	Funding Agency
01	IEEE-ICAESM-2012 & ICAET-2012	2011 – 12	30.03-2012 31.03.2012	Management
02	IEEE-ICRDPET-2013	2012 – 13	29.03.2013 30.03.2013	Management
03	ICIRET-2014	2013 – 14	02.05.2013	Management

### 21.2 National Conferences, Seminars, Symposium, Talent Shows Conducted:

S.No	Name of the Conferences, Seminars, Symposium, Talent Shows	Year of Program
01	Pre stress concrete and foundation engineering	2014-2015

### 22. Student Profile Programme / Course wise: NIL

### 23. Diversity of Students

Students Batch	% of Students of Tamil Nadu	% of Students from Other State	% of Students from Abroad
2011- 2015	95.8%(70)	4.20%(03)	-
2012- 2016	99.62%(72)	1.38%(01)	-

### 24. How many Students have cleared National and International Competitive examinations such as NET, SLET, GATE, Civil Services, Degree Service etc.,: NIL

### 25. Student Progression: NIL

### 26. List of Illustrious Alumni: NIL

### 27. Details of Infrastructural Facilities

#### a) Library

**Department Library:** Available with Text Books, Reference Books, Project Reports, CD Documents, Course Files

**Book Bank Scheme:** No

**b) Internet Facilities for Staff and Students:** Available at any time (e-Journals facilities like IEEE, ACM, Science Direct, NPTEL Courses, e-Box Scheme)

**c) Class room with ICT Facilities:** One class room is provided with LCD Projector and other ICT facilities.

#### d) Laboratories

S.No	Name of the Laboratory
01	Surveying Lab
02	Strength of Materials Lab
03	HyDraulic Engineering Lab
04	Soil Mechanics Lab
05	Concrete and Highway Engineering Lab
06	Environmental Engineering Lab

**28. Number of Students receiving financial assistance from college, Government and other Organization.**

Details are furnished separately.

**29. Details of Student enrichment programs (Special Lectures/Workshops/Seminars) with external experts conducted.**

S.No	Date	Name of the Program	Collaborative Expert
01	19.12.2013- 27.12.2013	Safety Training Programme	K. Manimaran National Institute of Occupational Safety and Fire Safety Management, Nagapattinam

**30. Teaching methods adopted to improve student learning:**

- ✓ Discussion
- ✓ Power Point Presentation
- ✓ Video Tutorials
- ✓ Tutorial Classes
- ✓ Seminars

**31. Participation in Institutional Social Responsibility (ISR) and extension activities during last 3 years: NIL**

**32. Strength, Weakness, Opportunities, Challenge, analysis of the department and future plan.**

- This team is technically very sound, equipped with versatile management traits and professional skills to match core needs of the corporate world. Highly educated and highly qualified eminent professors from various disciplines, such as networking, data mining, web mining, mobile communications, etc
- Classrooms equipped with projectors, air conditioners
- Students are given coaching by experts to improve their skills required for placements like resume writing, communication skills, written tests, group discussion, technical and personal interview

## **6.7 Department of Master of Business Administration**

### **1. Name of the Department & its year of establishment**

Department of MBA / 2001

### **2. Name of Programme / Course offered**

<b>S.No</b>	<b>Name of the Programmes Offered</b>	<b>UG/PG</b>
1	MBA	PG

### **3. Inter disciplinary course and departments involved: NIL**

### **4. Annual/Semester/Choice based Credit System:**

Semester system as per the guidelines of the Anna University.

### **5. Participation of the department in the course offered for by other departments**

<b>S.No</b>	<b>Inter disciplinary courses offered</b>	<b>Name of Departments involved</b>
01	Statistics	Maths Department
02	Applied Operations Research	Maths Department

### **6. Number of Teaching Posts sanctioned and filled**

<b>S.No</b>	<b>Name of the Teaching Post</b>	<b>Sanctioned</b>	<b>Filled</b>
01	Professor	01	02
02	Associate Professor	02	01
03	Assistant Professor	09	10

### **7. Faculty Profile with Name, Qualification, Designation, Specialization**

#### **7.1 Under Graduate Program: NIL**

#### **7.2 Post Graduate Program: Name of PG Program: MBA**

<b>S.No</b>	<b>Name of the Faculty</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>Experience</b>	<b>No. of PG/Ph.D Students Guided</b>
1	Dr.R.Karthi	MBA,M.Sc, M.Phil, Ph.D	Professor	Marketing	12 years	80
2	Dr.A.Abdul Gafoor	M.Com, MBA, Ph.D	Professor	Commerce	31 years	95
3	Dr.V.S.Rajakrishnan	M.Com, MBA, Ph.D	Associate Professor	Marketing	2.6 years	65

4	Ms.B.Asha Daisy	MBA, M.Phil	Asst.Prof	Finance withHR	3.10 years	45
5	Ms.V.Carolin Juliya Pushpam	MBA, M.phil	Asst.Prof	Finance with Marketing	1.5 years	25
6	Ms.M.Ganga	MBA	Asst.Prof	Finance with HR	1year	7
7	Ms.R.Suriya	MBA	Asst.Prof	Finance with HR Marketing	10 Months	7
8	Ms.P.Vinotha	MBA,M.Phil	Asst.Prof	HR with Marketing	10 Months	7
9	Ms.G.Karthika	MBA	Asst.Prof	HR with Marketing	10 Months	7
10	Mr.P.Kalaiselvan	MBA, M.Phil	Asst.Prof	Marketing with Finance	10 Months	7
11	Ms.S.Valarmathi	MBA	Asst.Prof	Finance with Marketing	10 Months	7
12	Ms.K.Kiruthiga	MBA	Asst.Prof	Finance with HR	10 Months	7
13	Ms.P.Balaishwarya	MBA, M.Phil	Asst.Prof	Finance with HR	10 Months	7

#### 8. Percentage of Class taken by Temporary Faculty NIL

#### 9. Program wise Student – Teacher Ratio

S.No	Program	Student – Staff Ratio
01	UG	--
02	PG	15:1

#### 10. Number of Academic Support Staff, Technical and Administrative Staff

S.No	Staff Category	Sanctioned	Filled
01	Technical	01	0
02	Administrative Staff	01	0

#### 11. List of Senior Visiting Faculty: NIL

#### 12. Qualification of Teaching Faculty with Ph.D/M.Phil/P.G

S.No	Name of the Faculty	Designation	Qualification	Specialization
1	Dr.R.Karthi	Director & Head	MBA,M.Sc, M.Phil, Ph.D	Marketing
2	Dr.A.Abdul Gafoor	Professor	M.Com, MBA, Ph.D	Commerce
3	Dr.V.S.Rajakrishnan	Associate Professor	M.Com, MBA, Ph.D	Marketing

4	Ms.B.Asha Daisy	Asst.Prof	MBA, M.Phil	Finance withHR
5	Ms.V.Carolin Juliya Pushpam	Asst.Prof	MBA, M.phil	Finance with Marketing
6	Ms.M.Ganga	Asst.Prof	MBA	Finance with HR
7	Ms.R.Suriya	Asst.Prof	MBA	Finance with HR Marketing
8	Ms.P.Vinotha	Asst.Prof	MBA,M.Phil	HR with Marketing
9	Ms.G.Karthika	Asst.Prof	MBA	HR with Marketing
10	Mr.P.Kalaiselvan	Asst.Prof	MBA, M.Phil	Marketing with Finance
11	Ms.S.Valarmathi	Asst.Prof	MBA	Finance with Marketing
12	Ms.K.Kiruthiga	Asst.Prof	MBA	Finance with HR

**13. Number of Faculty with ongoing projects from National/International funding agencies and grants received: NIL**

S.No	Name of the Programme	Amount	Period	Coordinator	Source of Funding
01	Personality Development Programme in Engineering and Management	Rs.80,000/-	29-05-2013 - 30-05-2013	Dr.R.Karthi Director/MBA	AICTE, New Delhi

**May'29 – 30,2013**

**Rs.80,000/-**

**Dr.R**

**14. Research Centre / Facility recognized by the University NIL**

**15. Publications**

**15.1 Particulars of Papers published in peer reviewed Journals (National/International) by the Faculty and Students**

S.No	Name of the Authors	Title of the Paper	Name of the Journal	Page No. & Vol. No.	Year of Publication
1	Dr.R.Karthi	A study on Customer Satisfaction Towards The Services of LIC of India	TiSSL	131	2010

2	Dr.R.Karthi	Impact of Training in Indian Banking Sector –An Empirical Investigation	International Journal of Business and Management	Vol.5 No.7	2010
3	Dr.R.Karthi	An Empirical Study on Customer attitude towards the Services of Insurance Companies in India	Interdisciplinary Journal of Contemporary Research in Business	Vol.2 No.6	2010
4	Dr.R.Karthi	A statistical Survey and Analysis Report on People working in Match Box Industry at kovilpatti and Their Level of Satisfaction Towards the Working Environment and Other Aspects	IRPAM	Vol.8 No.1	2012
5	Dr.R.Karthi	A study on Employee Retention in Leading Multinational Automobile Sector in India	IJMRR	Vol.2 No.4	2012
6	Dr.R.Karthi	Challenges Faced By Tourist In Nagapattinam District: A Statistical Analysis	International Journal of Hospitality & Tourism System	Vol.5	2012
7	Ms.B.Asha Daisy	Challenges Faced By Tourist In Nagapattinam District: A Statistical Analysis	International Journal of Hospitality & Tourism System	Vol.5	2012
8	Dr.R.Karthi	Influences of Online Marketing in the Prospective Indian Insurance Industry	IOSR	24-30	2014
9	Ms.B.Asha Daisy	An empirical Study on Employee Health and Safety at H&R Johnson Ltd, Karaikal.	IOSR	53-56	2014
10	Dr.R.Karthi	An empirical Study on Employee Health and Safety at H&R Johnson Ltd, Karaikal.	IOSR	53-56	2014
11	Dr.R.Karthi	Statistical Analysis on Parent's Persepective about Obesity	Elixir, Social Studies	73 (2014)	2014



12		Customer Attittute on Service Quality of Private Banks in Trichurapalli	Elixir, Marketing Management	73 (2014)	2014
	Ms.P.V.Sornalatha	An empirical Study on Employee Health and Safety at H&R Johnson Ltd, Karaikal.	IOSR	53-56	2014
13	Ms.B.Asha Daisy	Assessing the project Risk Management Process by Using Rules and Project Management Templates	IOSR	57-62	2014
14		Customer Attittute on Service Quality of Private Banks in Trichurapalli	Elixir, Marketing Management	73 (2014)	2014
15	Dr.R.Karthi	Assessing the project Risk Management Process by Using Rules and Project Management Templates	IOSR	57-62	2014
16	Ms.P.V.Sornalatha	Assessing the project Risk Management Process by Using Rules and Project Management	IOSR	57-62	2014
17	Ms.P.V.Sornalatha	A study on Cross Culture Skills in Management	IOSR	63-65	2014
18	Ms.B.Asha Daisy	A study on Cross Culture Skills in Management	IOSR	63-65	2014
19	Mrs.V.Carolin Juliya Pushpam	A study on Cross Culture Skills in Management	IOSR	63-65	2014
20	Mr.I.Arul Edison Anthony Raj	Assessment of Service Quality dimensions in healthcare Industry “ A Competitive Study on Patient’s Satisfaction with Mayiladuthurai Taluk Government Vs.	IOSR	01-09	2014

		Private hospitals			
21	Dr.V.S.Rajakrishnan	Assessment of Service Quality dimensions in healthcare Industry “ A Competitive Study on Patient’s Satisfaction with Mayiladuthurai Taluk Government Vs. Private hospitals	IOSR	01-09	2014
22	Mr.I.Arul Edison Anthony Raj	Assessment of Present Economic Scenario in India “ A study on the Factors Situation Influencing Petroleum Industry	IOSR	16-23	2014
23	Dr.V.S.Rajakrishnan	Assessment of Present Economic Scenario in India “ A study on the Factors Situation Influencing Petroleum Industry	IOSR	16-23	2014
24	Dr.V.S.Rajakrishnan	A Study on Land Development Banks (LDB) – Banking & Credit	IOSR	44-52	2014
25	Ms.M.Ganga	Customer Attittute on Service Quality of Private Banks in Trichurapalli	Elixir, Marketing Management	73 (2014)	2014

**15.2 Books, Manuals, Question Banks, Resource Materials Edited / Published: NIL**

**15.3 Number of publications listed in International Database: NIL**

**16. Areas of Consultancy and Income generated NIL**

**17. Faculty as Members in National/International Committees, Editorial Boards etc.,: NIL**

**18. Students Projects**

S.No	Year	Total Students	In house Projects		Collaborative with Industries	
			No.	Percentage	No.	Percentage
01	2011 – 12	55	-	-	55	100
02	2012 – 13	59	-	-	59	100

03	2013 –14	50	-	-	50	100
----	----------	----	---	---	----	-----

### 19. Awards / Recognition received by Faculty and Students

S.No	Name of the Staff / Student	Name of the Award	Awarding Organization	Year
01	Dr.R.Karthi	Academic Excellence	E.G.S.Pillay Engineering College	2014
02	Dr.V.S.Rajakrishnan	Academic Excellence	E.G.S.Pillay Engineering College	2014
03	Ms.P.V.Sornalatha	Academic Excellence	E.G.S.Pillay Engineering College	2014
04	Mr.I.A.E.Anthony Raj	Academic Excellence	E.G.S.Pillay Engineering College	2014
05	Ramasamy R.Vinoth Kumar	Best paper award in National Conference on Contemporary Management Practices in competitive World	E.G.S.Pillay Engineering College	2014

### Details of students participation in seminars, workshops etc held outside during the year 2014 - 2015

S.No	Date	Name of the students	Name of the organization	Name of the programme
1	9.10.2014	S.Samraj	Sona School of Management	National Level Management Meet
2	9.10.2014	A.Asarudeen	Sona School of Management	National Level Management Meet
3	9.10.2014	M.Mathanraj	Sona School of Management	National Level Management Meet
4	9.10.2014	K .Prithivirajan	Sona School of Management	National Level Management Meet
5	9.10.2014	A.Ranjith Kumar	Sona School of Management	National Level Management Meet
6	9.10.2014	R.Vinoth Kumar	Sona School of Management	National Level Management Meet
7	9.10.2014	K.G.Thiyagarajan	Sona School of Management	National Level Management Meet
8	10.10.14 11.10.14	N.Ranjith Kumar	Sastra University	National Level Students Meet
9	10.10.14 11.10.14	Purushothaman	Sastra University	National Level Students Meet

10	10.10.14 11.10.14	Sarth Kumar.V	Sastra University	National Level Students Meet
11	10.10.14 11.10.14	Vignesh.C	Sastra University	National Level Students Meet
12	10.10.14 11.10.14	Rajkumar. B	Sastra University	National Level Students Meet
13	10.10.14 11.10.14	Mani Kandan.G	Sastra University	National Level Students Meet
14	10.10.14 11.10.14	Jayaraj .S	Sastra University	National Level Students Meet
15	10.10.14 11.10.14	Dharmaraj. S	Sastra University	National Level Students Meet
16	10.10.14 11.10.14	Jagan .T	Sastra University	National Level Students Meet
17	15.10.14 16.10.14	Periya .G	Jamal Institute of Management	National Level Management Meet
18	15.10.14 16.10.14	Barani Vishithra	Jamal Institute of Management	National Level Management Meet
19	15.10.14 16.10.14	Dharani Abirami.M	Jamal Institute of Management	National Level Management Meet
20	15.10.14 16.10.14	Lakshmi.R	Jamal Institute of Management	National Level Management Meet
21	15.10.14 16.10.14	Sobana Devi.A	Jamal Institute of Management	National Level Management Meet
22	15.10.14 16.10.14	Sobana Devi	Jamal Institute of Management	National Level Management Meet
23	15.10.14 16.10.14	Sumithra.G	Jamal Institute of Management	National Level Management Meet
24	15.10.14 16.10.14	Sumithra.G	Jamal Institute of Management	National Level Management Meet
25	15.10.14 16.10.14	Sindhuja.S	Jamal Institute of Management	National Level Management Meet
26	15.10.14 16.10.14	Sowmiya.M	Jamal Institute of Management	National Level Management Meet
27	15.10.14 16.10.14	Sowmiya.M	Jamal Institute of Management	National Level Management Meet
28	15.10.14 16.10.14	Pavihra	Jamal Institute of Management	National Level Management Meet
29	15.10.14 16.10.14	Rajeshwari.R	Jamal Institute of Management	National Level Management Meet
30	15.10.14 16.10.14	Rajeshwari.R	Jamal Institute of Management	National Level Management Meet
31	15.10.14 16.10.14	Vinitha .K	Jamal Institute of Management	National Level Management Meet
32	15.10.14	Vintha.K	Jamal Institute of	National Level

	16.10.14		Management	Management Meet
33	15.10.14 16.10.14	Pushpanjali.S	Jamal Institute of Management	National Level Management Meet
34	15.10.14 16.10.14	Pradeepa.N	Jamal Institute of Management	National Level Management Meet
35	15.10.14 16.10.14	Pradeepa.N	Jamal Institute of Management	National Level Management Meet
36	29.01.15 30.01.15	Prasannath.R	A.V.C.College of Engineering	National Level Technical Symposium
37	29.01.15 30.01.15	Meenatchi.S	A.V.C.College of Engineering	National Level Technical Symposium
38	29.01.15 30.01.15	Mahalakshmi.R	A.V.C.College of Engineering	National Level Technical Symposium
39	29.01.15 30.01.15	Bhagiyalakshmi.A	A.V.C.College of Engineering	National Level Technical Symposium
40	29.01.15 30.01.15	Dhanalakshmi.R	A.V.C.College of Engineering	National Level Technical Symposium

**Details of staff participation in seminars, workshop, training programmes etc., held outside**

S.No	Date	Name of the Students	Name of the organization	Name of the programme
1	31.01.15	Dr.R.Karthi	PKIET,Karaikal	Workshop
2	31.01.15	B.Asha Daisy	PKIET,Karaikal	Workshop
3	31.01.15	V.Carolin	PKIET,Karaikal	Workshop
4	08.01.15 31.01.15	M.Ganga	PMU, Thanjavur	Workshop
			PKIET,Karaikal	Seminar
5	08.01.15	R.Suriya	PMU, Thanjavur	Seminar
6	10.12.14	P.Vinotha	Anna University, chennai	Workshop
7	31.01.15	G.Karthiga	PKIET,Karaikal	Workshop
8	08.01.15	S.Valarmathi	PMU, Thanjavur	Seminar
9	10.12.14	P.Balaiswariya	Anna University, Chennai	Workshop

**20. List of Eminent Academicians and Scientists/Visitors to the Department: NIL**

**21. Seminars/Conference/Workshops and Source of Funding: NIL**

**21.1 International Conferences**

S.No	Name of the International Conferences	Year of Program	Date	Funding Agency
01	ICAET 12	2011 – 12	28 .03.12	Aichi Institute of

			& 29.03.12	Tech & CIIT (Association with)
02	ICAESM 12	2011 – 12	30.03.12 & 31.03.12	IEEE(Association with)
03	ICRDPET 13	2012 – 13	29.03.13 & 30.03.13	IEEE(Association with)
04	ICAET 14 & ICIRET 14	2013 – 14	02.05.14 & 03.05.14	IEEE(Association with)

## 21.2 National Conferences, Seminars, Symposium, Talent Shows Conducted

S.No	Name of the Program	Year of Program	Date
01	Showcase your Talents (Exhibition) Mentor (Intra Department Competition)	2011 – 12	30.09.11  23.02.12
02	Personality development Programme in Engineering and Management.(SDP) Data Analysis in Research Using SPSS.(Workshop)	2012 – 13	29.05.13- 30.05.13  20.09.13
03	Contemporary Management Practices in competitive World Talent Showcase.(Exhibition) Website Creation (SDP)	2013 – 14	25.02.14 21.03.14 28.03.14
04	GL- Developments in Capital market-II MBA	2014-2015	07.08.2014
05	I MBA Inauguration		27.08.2014
06	Seminar- Campus to Corporate		27.08.2014
07	Workshop on Psychometric analysis		03.09.2014
08	Guest lecture by vinoth balaji		04.09.2014
09	GL- I MBA- Irene Hepzebah		06.09.2014
10	Seminar-PJS		19.09.2014
11	Entrepreneurship cell		22.09.2014
12	External EDP		23.09.2014 to 25.09.2014
13	Industrial Visit- Hindu & ARA		26.09.2014
14	Guest Lecture – Profession Languages		26.09.2014
15	Guest Lecture –“Development in Capital market”		07.08.2014
16	Guest Lecture –“Campus to corporate”		27.08.2014
17	Workshop – “Psychometric analysis”		03.09.2014

18	Seminar – “ Expectation of Corporate from Management Studies”	2014-2015	04.09.2014
19	Seminar – “ Basics of Statistics”		06.09.2014
20	Guest Lecture –“Emotional Quotient- A Challenge to Human being in Society		19.09.2014
21	Guest Lecture – “ Grammar, The Soul of English Language”		26.09.2014
22	Guest Lecture – “ Communication Skills”		30.10.2014
23	Symposium – “ConnaiZanc’15		12.03.2015

## 22. Student Profile Programme / Course wise

Name of the Course	UG or PG	Selected		Pass Percentage	
Batch of the Student		Male	Female	Male	Female
2008 – 2011	UG	-	-	-	-
2009 – 2012		-	-	-	-
2010 – 2013		-	-	-	-
2011 – 2014		-	-	-	-
2009- 2011	PG	14	13	100%	100%
2010- 2012		32	22	90.62%	100%
2011 - 2013		28	32	91.52%	96.87%

## 23. Diversity of Students

Students Batch	% of Students of Tamil Nadu	% of Students from Other State	% of Students from Abroad
2008 - 2010	93	7	-
2009- 2011	100	-	-
2010- 2012	100	-	-
2011 - 2013	100	-	-

**24. How many Students have cleared National and International Competitive examinations such as NET, SLET, GATE, Civil Services, Degree Service etc.: NIL**

## 25. Student Progression

Category	Percentage
UG to PG	NIL
PG to M.Phil	NIL
PG to Ph.D	NIL
Employed	45.75%
Campus Selected	6.77%
Other than Campus Selected	38.98%
Entrepreneurship / Self employer	NIL

## 26. List of Illustrious Alumni

S.No	Name	Batch	Present Position
1.	P. Moorthy	2008-2010	Branch Head(Manappuram Asset Finance Ltd)
2.	D. Udhayakumar	2008-2010	Executive (Amer Prakash Pvt Ltd)
3.	C. Sujitha	2008-2010	Accountant(NP Enterprises)
4.	G. Soudeeswaran	2008-2010	Process Officer- Mutual Fund(CAMS Pvt Ltd)
5.	R. Mohamed Jalil	2008-2010	LIC Advisor(LIC of India)
6.	M. Neelavanan	2008-2010	Assistant Branch Head(Manappuram Finance Ltd., Trichur, Kerala)
7.	P. Soundariya	2008-2010	Customer Service Executive(HSBC, Perungudi, Chennai)
8.	K.Manikandan	2008-2010	Officer(Wipro ltd, Manjakkudi)
9.	V. Brundha	2010-2012	Sales Executive(Muthoot, Vedaraniyam)
10.	U. Karthikesan	2010-2012	Accountant(L&T)
11.	R. Nithiyanantham	2010-2012	Admin Trainee (Naturo Food & Fruits Product Pvt ltd, Bangalore)
12.	R. Prabhakaran	2010-2012	Accountant(SRM University)
13.	R. Revathi	2010-2012	Banking Sector(HDFC Bank)
14.	P. Sathya	2010-2012	Agent follow up(Sriram Finance Ltd)
15.	D. Sathish	2010-2012	Marketing(INGVYSYA)
16.	C. Selima	2010-2012	Accountant(Popular Vehicles, Chennai)
17.	G. Uma	2010-2012	Administration(BNS Company)
18.	S. Vijay	2010-2012	Finance Admin(The Park)
19.	G. Raja	2011-2013	GM(Antony Aqua Form)
20.	V. Balamurugan	2011-2013	Financial Analyst(Murugappa Groups, Chennai)
21.	E. Umapathi	2011-2013	Accountant(Shri Sivakami Ramanathan Publications)
22.	S. Manikandan	2011-2013	Accountant(WIPRO Project, Grown Solutions India Pvt Ltd, Chennai)
23.	R. Mathavan	2011-2013	Sales Assistant Manager(India Cements)
24.	M. Al Ameen	2011-2013	Network Support Engineer(ZUBAID InfoTech)
25.	N. Lakshmi Kanthan	2011-2013	Accounts Auditing Assistant(Hi-Tech Indian Private Ltd, Tiruvarur)
26.	M. Muthukumar	2011-2013	Credit Officer(TVS Credit Service, Tiruvarur)
27.	T. Sivabalan	2011-2013	Accountant(WIPRO Project, Grown Solutions India Pvt Ltd, Chennai)
28.	R. Radhika	2011-2013	Marketing(Integrated Enterprises India Pvt Ltd,
29.	R. Niranjana	2011-2013	Accountant(Lakshmi Electricals, Chennai)
30.	K. Sathishkumar	2011-2013	Manager(JBL Sea Foods, Nagapattinam)
31.	N. Iswarya	2011-2013	Sales Consultant(Southern Auto Centre, Chennai)
32.	G. Anjuga	2011-2013	Accounts Executive(Power Bikes, Chennai)
33.	R. Nandhini	2011-2013	Finance Executive(Everonn Education Ltd)
34.	P. Muthukumar	2011-2013	Sales Executive(Shriram City Union Finance Ltd, Pattukkotai)
35.	D.Kishore	2011-2013	Collection of loan Section(HDFC BANK, Trichy)
36.	K. Arul Santhi	2011-2013	Accountant(K.K.Associates, Kumbakonam)
37.	V.Rajalakshmi	2011-2013	Customer Service Executive(Muthoot Fincorp Ltd,



			Vedaraniyam)
38.	M.Karthikraja	2011-2013	Sales Executive(Eagammai Pharma, Nagapattinam)
39.	V. Sasi Kala Devi	2011-2013	Accountant(Adayar Motors Pvt Ltd, Chennai)
40.	K. Vinci	2011-2013	Assistant manager(Green Trends)
41.	N. Tamilarasan	2011-2013	Quality Control(C R Garments Pvt Ltd, Thirupur)
42.	Karthika	2011-2013	Accountant (Avanta Global Pvt Ltd) Singapore
43.	Abdullah	2011-2013	Accountant(Car Showroom) Bahrain

## 27. Details of Infrastructural Facilities

### a) Library

**Department Library: Separate Library**

**Book Bank Scheme: Yes**

### b) Internet Facilities for Staff and Students: Yes

**c) Class room with ICT Facilities:** One class room is provided with LCD Projector and other ICT facilities

### d) Laboratories: No

## 28. Number of Students receiving financial assistance from college, Government and other Organization.

Details are furnished separately.

## 29. Details of Student enrichment programs (Special Lectures/Workshops/Seminars) with external experts conducted during the last 3 years.

S.No	Date	Name of the Program	Collaborative Expert
1	10.03.2011	Financial Management Practices in Indian Public Sectors	Mr.D.Narayanamoorthy (ONGC Cauvery Asset, Karaikal)
2	15.09.2011	Positive Attitude and Effective Communication	Dr.C.Alagan (Thiru.V.Ka Got Arts College)
3	21.09.2011	Soft Skills and Personality Development	Dr.M.Palanisamy (Avvaiyar College of Arts and Science)
4	13.10.2011	How to market Oneself	Dr.B.Balamurugan (Hallmark Business School)
5	24.10.2011	How to Write Research Articles	Dr. S.Vasanthi (Providence College of Arts and Science, Cunnoor)
6	13.12.2011	Organizational Behaviour	Mr.K.Balasubramanian (CEO, Creative Management Consultancy, Tiruchirapalli)
7	24.01.2012	Financial Inclusion – A Global Initiatives	Dr. M.S.Moodithya (Director Global Initiatives, Nitte University)
8	12.04.2012	Career Management	Mr. Mohamed Riaz (Centre Coordinator and Trainer, Don Bosco Technologies, Chennai)
9	27.09.2012	Young Investor Programme	Mr. R. Satyanarayana (Securities

			Exchange Board of India)
10	04.04.2013	Recent Trends in Stock Exchange	Mr. Feroshah (Motilal Securities Pvt.Ltd., Thiruvavarur)
11	07.08.2014	Guest Lecture –“Development in Capital market”	Guest Lecture
12	27.08.2014	Guest Lecture –“Campus to corporate”	
13	03.09.2014	Workshop – “Psychometric analysis”	Workshop
14	04.09.2014	Seminar – “ Expectation of Corporate from Management Studies”	Seminar
15	06.09.2014	Seminar – “ Basics of Statistics”	
16	19.09.2014	Guest Lecture –“Emotional Quotient- A Challenge to Human being in Society	Guest Lecture
17	26.09.2014	Guest Lecture – “ Grammar, The Soul of English Language”	
18	30.10.2014	Guest Lecture – “ Communication Skills”	

**30. Teaching methods adopted to improve student learning: NIL**

**31. Participation in Institutional Social Responsibility (ISR) and extension activities during last 3 years.: NIL**

**32. Strength, Weakness, Opportunities, Challenge, analysis of the department and future plan.**

<b>Strength :</b> Experienced Staff members LCD Projector attached classroom Separate Library	<b>Weakness:</b> Inadequate lab facilities Faculty load inequities & responsibilities
<b>Opportunities:</b> The high level of interest in Department programs provides an opportunity to translate high student demand into more selective admission. Faculty have the ability to secure grant funding	<b>Challenge:</b> Half of the staff member go for Ph.D Produce the University results more than 90%. Train the students to get placement in the campus interview.

## 6.8 Department of Master of Computer Applications

### 1. Name of the Department & its year of establishment

Department of MCA/2001

### 2. Name of Programme / Course offered

S.No	Name of the Programmes Offered	UG/PG
1.	Master of Computer Applications	PG

### 3. Inter disciplinary course and departments involved: NIL

### 4. Annual/Semester/Choice based Credit System:

Semester system as per the guidelines of the Anna University.

### 5. Participation of the department in the course offered for by other departments

As per 2013 Regulation

S.No	Inter disciplinary courses offered	Name of Departments involved
01	Computer Organization, Embedded Systems	ECE Department
02	Mathematical Foundation of Computer Science, Resource Management Techniques, Numerical and statistical methods	Maths Department
03	Communication skill lab	English Department
04	Accounting and financial management	MBA Department

### 6. Number of Teaching Posts sanctioned and filled

S.No	Name of the Teaching Post	Sanctioned	Filled
01	Professor	1	1
02	Associate Professor	2	1
03	Assistant Professor	9	11
Total		12	13

### 7. Faculty Profile with Name, Qualification, Designation, Specialization

#### 7.1 Under Graduate Program: NIL

#### 7.2 Post Graduate Program:

**Name of PG Program: MCA**

<b>S.No</b>	<b>Name of the Faculty</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>Experience</b>	<b>No. of PG/ Ph.D Students Guided</b>
1.	Mr.Dr.Manoj Kumar Mishra	Ph.D (Mathematics)	Professor	Mathematics	24 years	50
2.	Mrs. J. Vanitha	MCA- Bharathidasan University, 1999, M.Phil - Periyar Univeristy, 2006	Associate Professor	Database Management Systems, Operating Systems	15 years	50
3.	Mrs. C. Mallika	MCA - Bharathidasan University,2004, M.Phil - Prist University, 2009	Asst. Professor	Data Structures, Mobile computing	9 years	50
4.	Mrs. A. Hema	MCA- Madurai Kamarajar University, 2001, M.Phil- Alagappa University, 2010	Asst. Professor	Principles of Programming Languages, Operating System	8 years	50
5.	Mrs. S. Visalatchy	MCA Pondicherry University, 2008	Asst. Professor	Computer Graphics	6 years	35
6.	Mr. M. Nataraj	MCA AnnaUniversity, 2008, M.E. (CS) Anna University, 2012	Asst. Professor	Java Technologies	2 years	20
7.	Mr. S. Selvaganapathy	MCA Pondicherry University, 2008	Asst. Professor	Computer Graphics	3 years	20
8.	Ms.K.UdhayaLakshmi	MCA AnnaUniversity 2013	Asst. Professor	Software Testing	1 Year 6 Months	10

9.	Mr.A.Karunamurthy	MCA Pondicherry University,2009 M.E. (CS) Manonmaniam sundaranar University	Asst. Professor	Computer Network	3 years	-
10.	Ms.K.LakshmiPriya	M.E. Anna University Jayaram College of Engineering & Technology Trichy.	Asst.Profess or	Network Programming	9 Months	10

**8. Percentage of Class taken by Temporary Faculty : NIL**

**9. Program wise Student – Teacher Ratio**

S.No	Program	Student – Staff Ratio
01	PG	15:1

**10. Number of Academic Support Staff ,Technical and Administrative Staff**

S.No	Staff Category	Sanctioned	Filled
01	Technical	01	1
02	Administrative Staff	01	-

**11. List of Senior Visiting Faculty NIL**

**12. Qualification of Teaching Faculty with Ph.D/M.Phil/P.G**

S. No	Name of the Faculty	Designation	Qualification	Specialization	Remarks
1.	Mr.Dr.Manoj Kumar Mishra	Ph.D(Mathematics)	Professor	Mathematics	-
2.	Mrs. J. Vanitha	MCA- Bharathidasan University, 1999, M.Phil - Periyar Univeristy, 2006	Associate Professor	Database Management Systems, Operating Systems	Registered Ph.D in bharathiyar university Date: 1.1.2014

3.	Mrs. C. Mallika	MCA - Bharathidasan University,2004, M.Phil - Prist University-09	Asst. Professor	Data Structures, Mobile computing	-
4.	Mrs. A. Hema	MCA- Madurai Kamarajar University, 2001, M.Phil-Alagappa University, 2010	Asst. Professor	Principles of Programming Languages, Operating System	-
5.	Mrs. S. Visalatchy	MCA Pondicherry University, 2008	Asst. Professor	Computer Graphics	-
6.	Mr. M. Nataraj	MCA AnnaUniversity, 2008, M.E. (CS) Anna University, 2012	Asst. Professor	Java Technologies	-
7.	Mr. S. Selvaganapathy	MCA Pondicherry University, 2008	Asst. Professor	Computer Graphics	-
9.	Ms.K.UdhayaLakshmi	MCA AnnaUniversity 2013	Asst. Professor	Software Testing	-
10.	Lakshmipriya	MCA AnnaUniversity 2013	Asst. Professor	Computer Network	-

**13. Number of Faculty with ongoing projects from National/International funding agencies and grants received**                      **NIL**

**14. Research Centre / Facility recognized by the University**                      **NIL**

#### **15. Publications**

**15.1 Particulars of Papers published in peer reviewed Journals (National/International) by the Faculty and Students**

S.No	Name of the	Title of the	Name of the	Page	Year of	Impact
------	-------------	--------------	-------------	------	---------	--------

	<b>Authors</b>	<b>Paper</b>	<b>Journal</b>	<b>No. &amp; Vol. No.</b>	<b>Public ation</b>	<b>Factor</b>
1.	Mrs. J. Vanitha Mrs. C. Mallika	Brain controlled car for disabled using artificial intelligence	CIIT	ISSN 0974-9667	August 2011	0.763
2.	Mrs. A. Hema	Iris Recognition	CIIT	ISSN 0974-9675	August 2011	0.361
3.	Mr. P. Arunkumar	Web Services Composition towards an Agent Based and Context Oriented Approach	CIIT	ISSN 0974-9713	July 2011	0.569
4.	Mr. P. Arunkumar	State-of-the-art invisible watermarking technology within media files	CIIT	ISSN 0974-9691	August 2011	0.652
5.	Ms. K. Durga Mrs. A. Hema	Micro calcification detection using wavelet transform	International Conference on Advances in Engineering and Technology	ISSN 0974-9713	May 2011	0.572
6.	Mrs. J. Vanitha Mrs. C. Mallika Mrs. A. Hema Ms. K. Durga Mrs. S. Visalatchy	The study of Pros and Cons of the Cloud Computing	CIIT International journal of Networking and Computing Engineering	ISSN 0974-9691	July 2012	0.572
7.	Mr. P. Arunkumar	Voting through mobile using biometric template with integration of spatial cloud computing and	CIIT International journal of Biometrics and Bio Informatics	ISSN 0974-9675	July 2012	0.361

		Data hiding security				
8.	Mrs. J. Vanitha Mr. P. Arunkumar Mrs. C. Mallika Mrs. A. Hema Ms. K. Durga Mrs. S. Visalatchy	SAAS flavoured cloud computing implementation in Indian universities an Imagineering thought Comparison of scalar images based on compression technique	IEEE Explore	ISSN 0974-9667	June 2012	0.569
9.	Mrs. C. Mallika Mrs. A. Hema Ms. K. Durga Mrs. S. Visalatchy	Comparison of scalar images based on compression technique	IEEE Explore	ISSN 0974-9675	June 2012	0.652

**15.2 Books, Manuals, Question Banks, Resource Materials Edited / Published: NIL**

**15.3 Number of publications listed in International Database : NIL**

**16. Areas of Consultancy and Income generated: NIL**

**17. Faculty as Members in National/International committees, Editorial Boards etc: NIL**

**18. Students Projects**

S.No	Year	Total Students	Inhouse Projects		Collaborative with Industries	
			No.	Percenatge	No.	Percenatge
01	2011 – 12	15	-	-	15	100%
02	2012 – 13	28	2	7%	26	93%
03	2013 –14	54	-	-	54	100%

**19. Awards / Recognition received by Faculty and Students**

S.No	Name of the Staff / Student	Name of the Award	Awarding Organization	Year
01	C.Eswari P.Vijayalakshmi	Best paper	BCET	2014
02	Mohamed Ameer Ilxas.T	Best paper	Dr.Navalar Neduchezhiyan college	2013



	R.Vinothbabu		of engineering	
03	J.Sathesh kumar	Best paper	Anjalai ammal Mahalingam college of engineering	2013
04	R.Bakkiya lakshmi I-MCA S.Vasantha Meenakshi II-MCA S.Sowmiya II-MCA	Best paper	RVS institute of management studies and computer application	2012

**Details of students participation in seminars, workshop etc., held outside during the year 2014 - 2015**

S.No	Date	Name of the students	Name of the organization	Name of the programme
1.	18.09.2014 To 19.09.2014	1.Manikandan M 2. Sudharsan K 3. Kathirvel N 4. Agilan D	AVC College of Engineering, Manampandal	National Level Workshop on “ Computer Programming”
2.	25.09.2014	1. Balamurugan S.M 2. Sudharsan K 3. Kathirvel N 4. MohamedabdullaKassim A 5. Sribhuvanewari R	AVC College of Engineering, Manampandal	Worshopon”Data Mining with veka”
3.	14.02.2014 To 15.02.2014	1.Sinthiya M 2. Subhashini J 3. Divyabharathi S 4. Vidhya S 5. Kuzhalarasi K 6. Maheswari P 7. Mathivadani G 8. Sarojini R 9. Rubha P 10. MohamedabdullaKassim A 11. Manikandan M 12. Ranjithkumar R 13. Sivaramakrishnan J	BCET,Karaikal	Workshop on”PHP and My SQL”

**Details of staff participation in seminars, workshop training programmes etc., held outside**

S.No	Date	Name of the staff	Name of the organization	Name of the programme
1.	14.02.2014 To 15.02.2014	1.Mrs.J.Vanitha,AP 2. Mrs.C.Mallika,AP 3. Mrs.A.Hema,AP	BCET,Thiruvettaikudy,Ka raikal – 609 609	2 days workshop on “PHP and My SQL”

2.	29.03.2014 To 30.03.2014	1.Mrs.J.Vanitha,AP 2. Mrs.C.Mallika,AP 3. Mrs.A.Hema,AP 4. Mrs.S.Visalatchy,AP 5. Mr.M.Nataraj,AP 6. Mr.S.Selvaganapathy,AP 7.Ms.K.UdhayaLakshmi,AP	Open Source Software Solutions, Lawspet, Pondicherry – 08	2 days workshop on “.NET Framework & Web App Development”
3.	01.12.2014 & 02.12.2014	1.Mrs.C.Mallika,AP 2. Mrs.S.Visalatchy,AP	Pondicherry University, Karaikal Campus	2 days workshop on “Recent Trends in Cloud Computing”
4.	12.12.2014 & 13.12.2014	1.Mrs.C.Mallika,AP 2. Mrs.S.Visalatchy,AP	A.V.C.College of Engineering , Manampandal – 609305,Mayiladthurai	2 days workshop on “Advanced Java Technologies”
5.	17.12.2014 & 23.12.2014	1.Ms.K.UdhayaLakshmi,AP 2. Ms.K.LakshmiPriya, AP	SA Engineering College,Chennai	7days workshop on “Recent Trends in Wireless sensor network”
6.	27.09.2014	1.Mrs.J.Vanitha,AP 2. Mrs.C.Mallika,AP 3. Mrs.A.Hema,AP 4. Mrs.S.Visalatchy,AP 5. Mr.S.Selvaganapathy,AP 6. Ms.K.UdhayaLakshmi,AP 7. Ms.K.LakshmiPriya, AP	Purple Pro Infotech,Coimbatore	1 day workshop on “Android Applications”

## 20. List of Eminent Academicians and Scientists/Visitors to the Department: NIL

## 21. Seminars/Conference/Workshops and Source of Funding

### 21.1 International Conferences

S.No	Name of the International Conferences	Year of Program	Date	Funding Agency
01	ICAET’12	2011 – 12	28&29.3.2012	Aichi institute of tech.& CIIT(Association with)
02	ICAESM’12	2011 – 12	30&31.3.2012	IEEE(Association with)
03	ICRDPET’13	2012 – 13	29&30.3.2013	IEEE(Association with)
04	ICAET’14 & ICIRET’14	2013 – 14	02& 3.5.2014	IEEE(Association with)

## 21.2 National Conferences, Seminars, Symposium, Talent Shows Conducted

S.No	Name of the Program	Year of Program	Date
01	TECHKNOW'11	2011 – 12	09-SEP-2011
02	FDP on Cloud computing and its applications	2011 – 12	09-APR-2012
03	TECHKNOW'12	2012 – 13	19-OCT-2012
04	Workshop on PHP programming using DRUPAL tool	2012 – 13	28-MAR-2013
05	Workshop on Data security in network	2013 – 14	27-AUG-2013
06	Symposium	2014-2015	06,07-SEP-2014

## Particulars of Faculty Training Programmes, students training programmes, seminars, etc., conducted by the department during the year 2014

S.No	Name	Title of the training Programme	Date	Remarks
1.	VB with Oracle	Value Added Course	10.06.2014 To 12.06.2014	I MCA
2.	Cloud Computing		16.06.2014 To 23.06.2014	II MCA
3.	VB.Net with MS Access		16.06.2014 To 18.06.2014	II MCA
4.	Ubuntu		1.02.2014 To 2.02.2014	II MCA
5.	Advanced Technologies in JAVA Using Eclipse	ISTE Sponsored A Two Day Workshop	26.07.2014 To 27.07.2014	II MCA & III MCA
6.	Android Applications	One day Seminar	18.08.2014	II MCA & III MCA
7.	Formal Language and Finite state automata		19.11.2014	I MCA
8.	Recent trend on Networking		12.01.2015	II MCA
9.	E-Box	Training Program on “C” language	02.01.2015 To 12.02.2015	III MCA
10.	Argouml	One day Seminar	10.02.2015	II MCA

**22. Student Profile Programme / Course wise**

Name of the Course Batch of the Student	UG or PG	Selected		Pass Percentage	
		Male	Female	Male	Female
2010 – 2011	PG	15	13	100%(14)	100%(12)
2011 – 2012		7	8	96%	100%
2012 – 2013		8	21	100%	100%(20)

**23. Diversity of Students**

Students Batch	% of Students of Tamil Nadu	% of Students from Other State	% of Students from Abroad
2008 - 2011	100%	NIL	NIL
2009 - 2012	100%	NIL	NIL
2010 - 2013	100%	NIL	NIL
2011 - 2014	100%	NIL	NIL

**24. How many Students have cleared National and International Competitive examinations such as NET, SLET, GATE, Civil Services, Degree Service etc.,**

S.No	Name of the Student	Batch	Particulars of Competitive exam
1.	Anandha Jothi	2010-2013	Group IV

**25. Student Progression**

Category	Percentage
UG to PG	NA
PG to M.Phil	1%
PG to Ph.D	1%
Employed	58%
Campus Selected	20%
Other than Campus Selected	10%
Entrepreneurship / Self employer	10%

**26. List of Illustrious Alumni**

S.No	Name	Batch	Present Position
1.	S.Saravanan	2005-08	Senior security Analyst,TCS,Chennai
2.	P.K.Karthi	2005-08	Software Engineer,SRM Infotech,Chennai
3.	M.Balaji	2006-09	System Engineer,Infosys,Chennai
4.	K.Shanmugaperumal	2006-09	Network Administrator,HCL Technology,Chennai

5.	D.Vikramathithan	2006-09	Web designer,Green valley,Chennai
6.	R.Vani	2007-10	Associate software engineer,Symphony services,Bangalore
7.	S.Sathya	2007-10	System Analyst,Business software solutions,Chennai
8.	N.Ganeshkumar	2007-10	Software Engineer,TCS Chennai
9.	M.Arunkumar	2008-11	Software Engineer,Polaris,Chennai
10.	N.Ramya	2008-11	Software Tester,Firestream world wide,Chennai
11.	M.Mohamed Riyas	2008-11	Website Developer,Excel IT Forte Pvt Ltd,Singapore
12.	G.Valarmathi	2009-12	Briosys,Chennai
13.	S.Vasanthameenakshi	2010-13	SCARKLISLE Publishing Services(Project manager)

## 27. Details of Infrastructural Facilities

### a) Library

**Department Library: Separate Department Library**

**Book Bank Scheme : NIL**

### b) Internet Facilities for Staff and Students - Yes

**c) Class room with ICT Facilities:** One class room is provided with LCD Projector and other ICT facilities.

### d) Laboratories

S.No	Name of the Laboratory
1	Computer Applications Lab

## 28. Number of Students receiving financial assistance from college, Government and other Organization.

Details are furnished separately.

## 29. Details of Student enrichment programs (Special Lectures/Workshops/Seminars) with external experts conducted during the last 3 years.

S.No	Date/Year	Name of the Program	Collaborative Expert
1.	27-AUG-2010	Guest Lecture	Mr.A.Satheesh
2.	27-FEB-2010	Guest Lecture	Ms.Mary Saira Banu
3.	23-SEP-2011	Guest Lecture	Mr.V.Sankar
4.	11-FEB-2012	Guest Lecture	Mrs.V.Portchelvi
5.	6-APR-2013	Guest Lecture	Mrs.S.JamunaRani
6.	18-AUG-2014	Guest Lecture	Mr.S.Ramanan
7.	19-NOV-2014	Guest Lecture	Ms.T.Sowkarthiga
8.	12-JAN-2014	Guest Lecture	Mr.K.Shanmugaperumal

### 30. Teaching methods adopted to improve student learning

1. Asking students 'What if' and 'What do you think' questions during lectures to capture students' attention and jump-start class discussions.
2. Innovative assignments
3. Seminars
4. Online Quiz

### 31. Participation in Institutional Social Responsibility (ISR) and extension activities during last 3 years.

S.No	Date	Details of the Program	Remarks
1.	14.12.2009-18.12.2009	Training programs for school teacher	-
2.	12.01.2010	Global warming	-
3.	01.03.2011	Natural fertilizer awareness program	-
4.	31.12.2011	Computer literacy program for school students	-
5.	21.03.2012	Organ donation rally	-

### 32. Strength, Weakness, Opportunities, Challenge, analysis of the department and future plan.

<b>STRENGTH</b>  1.Faculty and lab 2.Student and staff development activities 3.Result 4.Faculty Retention 5.International Conference	<b>WEAKNESS</b>  1.Consultancy 2.Research and Development 3.Funded projects from external agency 4.Text book publications 5.Innovative projects 6.Staff CaDre ratio
<b>OPPORTUNITIES</b>  1.Continuing education and Higher Studies 2.Invited Lectures 3.Professional Society activities 4.Publications in Journal 5.Quality Improvement Programme 6.Innovative Teaching 7.Organizing summer and winter school	<b>CHALLENGES</b>  1.Entrepreneurship initiatives 2.Competitive examinations 3.Industrial Collaboration 4.Placement

**1. Name of the Department & its year of establishment**

DEPARTMENT OF SCIENCE & HUMANITIES / 1995

**2. Name of Programme / Course offered**

S.No	Name of the Programmes Offered	Subject of Science and Humanities
01	Civil Engineering	
02	Computer Science Engineering	
03	Electronics and Communication Engineering	
04	Electrical and Electronics Engineering	
05	Information Technology	
06	Mechanical Engineering	
07	MBA	
08	MCA	
09	M.E - Manufacturing Engineering	
10	M.E - Power Electronics and Drives	
11	M.E – Communication Systems	
12	M.E – Computer Science and Engineering	

**3. Inter disciplinary course and departments involved: NIL****4. Annual/Semester/Choice based Credit System:**

Semester system as per the guidelines of the Anna University.

**5. Participation of the department in the course offered for by other departments**

S.No	Inter disciplinary courses offered	Name of Departments involved
01	Transforms and Partial Differential Equations	Civil, CSE, ECE, EEE, IT, Mech
02	Operations Research	EEE, MBA
03	Discrete Mathematics	CSE
04	Probability and Random Processes	ECE
05	Probability and Queueing Theory	CSE, IT
06	Statistics and Numerical Methods	Mech
07	Numerical Methods	Civil, EEE, CSE
08	Statistics for management	MBA
09	Resource management technique	MCA
10	Mathematical foundation for computer	MCA
11	Environmental Science and Engineering	Civil, CSE, ECE, EEE, IT, Mech

### 6. Number of Teaching Posts sanctioned and filled

S.No	Name of the Teaching Post	Sanctioned	Filled
01	Professor	04	01
02	Associate Professor	08	02
03	Assistant Professor	28	31

### 7. Faculty Profile with Name, Qualification, Designation, Specialization

S.No	Name of the Faculty	Qualification	Designation	Specialization	Experience	No. of UG/PG/Ph.D Students Guided
1	Dr.B.Ravindran	M.sc., M.Phil.. Ph.D	Professor	Physics	15 years 2 months	Ph.D.,-1 M.Phil., - 5
2	Dr.S.Ponsadai Lakshmi	M.Sc., M.Phil., Ph.D.,	Asso. Prof	Chemistry	9 years	-
3	J. Hemavathy	M.A., M.Phil., (Ph.D)	Asst. Prof	English	8 years 6 months	-
4	U. Rani	M.A., M.Phil.,	Asst. Prof	English	6 years 4 months	-
5	K. Geetha	M.A., M.Phil.,	Asst. Prof	English	6 years 4 months	-
6	A.Jaya Anbarasi	M.A., M.Phil.,	Asst. Prof	English	6 years 2 months	-
7	V. John Paul	M.A., M.Phil.,	Asst. Prof	English	9 years 2 months	-
8	P. Mohamed Ali	M.A., M.Phil., (Ph.D)	Asst. Prof	English	9 years 10 months	-
9	G.Elancheziyan	M.A., M.Phil.,	Asst. Prof	English	6 years 2 months	-
10	T. Shanugasundaram	M.A., M.Phil.,	Asst. Prof	English	1 years 2 months	-
11	M. Balamurugan	M.A. M.Phil.,	Asst. Prof	English	1 years 2 months	-
12	P.Jamuna devi	M.Sc., M.Phil, (Ph.D)	Asst. Prof.	Mathematics	6 years 2 months	-
13	K.S. Araththi	M.Sc., M.Phil., (Ph.D)	Asst. Prof	Mathematics	5 years 6 months	-
14	R. Deepa	M.Sc., M.Phil.,	Asst. Prof	Mathematics	10 years 1 month	-
15	S. Elaiyaraja	M.Sc., M.Phil.,	Asst. Prof	Mathematics	10 years 3 months	-
16	T. Kavitha	M.Sc., M.Phil., (Ph.D)	Asst. Prof	Mathematics	4years 11 months	-



17	R. Deepa	M.Sc., M.Phil., (Ph.D)	Asst. Prof	Mathematics	8 years 2 months	-
S.No	Name of the Faculty	Qualification	Designation	Specialization	Experience	No. of UG/PG/Ph.D Students Guided
18	D. Bindhu	M.Sc., M.Phil.,	Asst. Prof	Mathematics	10 years 9 months	-
19	P. Jayasingh Manohar	M.Sc., M.Phil., (Ph.D)	Asst. Prof	Mathematics	8 years 9 months	-
20	S. Elakkiya	M.Sc., M.Phil.,	Asst. Prof	Mathematics	3 years	-
21	S. Sangeetha	M.Sc., M.Phil.,	Asst. Prof	Mathematics	4 years 10 months	-
22	B. John	M.Sc., M.Phil., (Ph.D)	Asst. Prof	Mathematics	6 years 9 months	-
23	K. Manju	M.Sc., M.Phil.,	Asst. Prof	Mathematics	5 years 3 months	-
24	R. Visalatchi	M.Sc., M.Phil.,	Asst. Prof	Mathematics	1 years 2 months	-
25	Dr.K. Kavitha	M.Sc.. Ph.D.,	Asso. Prof	Chemistry	10 years 1 months	Ph.D.,-3
26	C. Gopi	M.Sc., M.Phil., (Ph.D)	Asst. Prof	Chemistry	6 years 5 months	-
27	S. Punitha	M.Sc., M.Phil., (Ph.D)	Asst. Prof	Chemistry	5 years 9 months	-
28	R. Valarmathi	M.Sc., M.Phil.,	Asst. Prof	Chemistry	4 years 8 months	-
29	T. Clarina	M.Sc., M.Phil., (Ph.D)	Asst. Prof	Chemistry	5years 7 months	-
30	M.Remila	M.Sc., M.Phil.,	Asst. Prof	Chemistry	3 years	-
31	R. Ranjithkumar	M.Sc., M.phil.,	Asst. Prof	Physics	9 years	-
32	R. Maheshwari	M.Sc., M.Phil., (Ph.D)	Asst. Prof	Physics	3 years 5 months	-
33	A.Jayaganthan	M.Sc., M.Phil.,	Asst. Prof	Physics	6 years 10 months	-
34	J. Chandramohan	M.Sc., M.Phil., (Ph.D)	Asst. Prof	Physics	3 years 9 months	-
35	T. Lakshmigandhan	M.Sc., M.Phil.,	Asst. Prof	Physics	1 years 2 months	-

#### 8. Percentage of Class taken by Temporary Faculty NIL

#### 9. Program wise Student – Teacher Ratio

S.No	Program	Student – Staff Ratio
01	UG	15:1

02	PG	15:1
----	----	------

#### 10. Number of Academic Support Staff ,Technical and Administrative Staff

S.No	Staff Category	Sanctioned	Filled
01	Technical	2	2
02	Administrative Staff	-	-

#### 11. List of Senior Visiting Faculty

S.No	Name & Designation of Visiting Faculty	Remarks
01	J.E.L. Priyakumar, Professor	Topics regarding-Probability and random processes, probability and queuing theory, stochastic processes
02	Mrs. R. Rathinam , Professor	Topics regarding-Communication
03	Mr. Manojkumar Mishra , Director(MCA)	Fuzzy related topics

#### 12. Qualification of Teaching Faculty with Ph.D/M.Phil/P.G

S.No	Name of the Faculty	Designation	Qualification	Specialization
01	Dr.B.Ravindran	Professor	M.sc., M.Phil.. Ph.D	Physics
02	Dr.S.Ponsadai Lakshmi	Asso. Prof	M.Sc., M.Phil., Ph.D.,	Chemistry
03	J. Hemavathy	Asst. Prof	M.A., M.Phil., (Ph.D)	English
04	U. Rani	Asst. Prof	M.A., M.Phil.,	English
05	K. Geetha	Asst. Prof	M.A., M.Phil.,	English
06	A.Jaya Anbarasi	Asst. Prof	M.A., M.Phil.,	English
07	V. John Paul	Asst. Prof	M.A., M.Phil.,	English
08	P. Mohamed Ali	Asst. Prof	M.A., M.Phil., (Ph.D)	English
09	G.Elanchezian	Asst. Prof	M.A., M.Phil.,	English
10	T. Shanugasundaram	Asst. Prof	M.A., M.Phil,	English
11	M. Balamurugan	Asst. Prof	M.A. M.Phil.,	English
12	P.Jamuna devi	Asst. Prof.	M.Sc., M.Phil, (Ph.D)	Mathematics
13	K.S. Araththi	Asst. Prof	M.Sc.,M.Phil., (Ph.D)	Mathematics
14	R. Deepa	Asst. Prof	M.Sc., M.Phil.,	Mathematics

15	S. Elaiyaraja	Asst. Prof	M.Sc., M.Phil.,	Mathematics
16	T. Kavitha	Asst. Prof	M.Sc.,M.Phil., (Ph.D)	Mathematics
<b>S.No</b>	<b>Name of the Faculty</b>	<b>Designation</b>	<b>Qualification</b>	<b>Specialization</b>
17	R. Deepa	Asst. Prof	M.Sc.,M.Phil., (Ph.D)	Mathematics
18	D. Bindhu	Asst. Prof	M.Sc., M.Phil.,	Mathematics
19	P. Jayasingh Manohar	Asst. Prof	M.Sc.,M.Phil., (Ph.D)	Mathematics
20	S. Elakkiya	Asst. Prof	M.Sc., M.Phil.,	Mathematics
21	S. Sangeetha	Asst. Prof	M.Sc., M.Phil.,	Mathematics
22	B. John	Asst. Prof	M.Sc.,M.Phil., (Ph.D)	Mathematics
23	K. Manju	Asst. Prof	M.Sc., M.Phil.,	Mathematics
24	R. Visalatchi	Asst. Prof	M.Sc., M.Phil.,	Mathematics
25	Dr.K. Kavitha	Asso. Prof	M.Sc.. Ph.D.,	Chemistry
26	C. Gopi	Asst. Prof	M.Sc.,M.Phil., (Ph.D)	Chemistry
27	S. Punitha	Asst. Prof	M.Sc.,M.Phil., (Ph.D)	Chemistry
28	R. Valarmathi	Asst. Prof	M.Sc., M.Phil.,	Chemistry
29	T. Clarina	Asst. Prof	M.Sc.,M.Phil., (Ph.D)	Chemistry
30	M.Remila	Asst. Prof	M.Sc., M.Phil.,	Chemistry
31	R. Ranjithkumar	Asst. Prof	M.Sc., M.phil.,	Physics
32	R. Maheshwari	Asst. Prof	M.Sc.,M.Phil., (Ph.D)	Physics
33	A.Jayaganthan	Asst. Prof	M.Sc., M.Phil.,	Physics
34	J. Chandramohan	Asst. Prof	M.Sc.,M.Phil., (Ph.D)	Physics
35	T. Lakshmigandhan	Asst. Prof	M.Sc., M.Phil.,	Physics

**13. Number of Faculty with ongoing projects from National/International funding agencies and grants received: NIL**

**14. Research Centre / Facility recognized by the University: NIL**

## 15. Publications:

### 15.1 Particulars of Papers published in peer reviewed Journals (National/International) by the Faculty and Students

S.No	Name of the Authors	Title of the Paper	Name of the Journal	Page No.& Vol. No.	Year of Publication
1	Dr.B. Ravindran	Thermal, UV and FTIR spectroscopic Studies in Mercury cinnamates	Asian Journal of Chemistry	917-916 & Vol.23 No.2	2011
2		Growth and Characterization of Cinnamic acid-Urea single crystal	Journal of Thermal Analysis and Calorimetry	104:875-878	2011
3		Thermal, FTIR and microhardness studies of bithiourea-urea single crystal	Journal of Thermal Analysis and Calorimetry	104:915-921	2011
4		The growth and characterization of metal organic crystal, potassium thiourea thiocynaide	Journal of Thermal Analysis and Calorimetry	104:943-947	2011
5		Synthesis and Characterization of some crystals of thiourea urea zinc chloride	Journal of Thermal Analysis and Calorimetry	104:893-899	2011
6		Nucleation Kinnetics of a new nonlinear optical crystal	Journal of Thermal Analysis and Calorimetry	104:901-907	2011
7		Thermal and FTIR spectral Studies in various proportions of urea thiourea mixed crystal	Journal of Thermal Analysis and Calorimetry	105:885:891	2011
8		Growth and Characterization of trio thiourea Chromium (III) sulphate	Journal of Thermal Analysis and Calorimetry	108:905-910	2012
9		Inverisation of the growth and Characterization of nonlinear optical single crystal of bithiourea iron (II) sulphate	Journal of Thermal Analysis and Calorimetry	108:911-914	2012
10		Thermal Analysis, Effect of dopant and Spectral characterization of cinnamic acid crystal	G.J.P & A Sc and Tech	1-10 & vol 315	2013

11	Dr.K. Kavitha	Allenes as Dipolarophiles concerted vs stepwise mechanism: A Density Functional Theory Study.	Journal of Chemical society-Perkin Trans 2	Issue 12, 1961-2164	2002
12		A mechanistic cross over in 1,3-Dipolar Cycloadditions: A Density Functional Theory Study.	International Journal of Quantum Chemistry	64-78 DOI:10.1002/qua.20594	2005
13		1,3-Dipolar reactions involving corannulene: how does its rim and spoke addition vary?	Journal of Organic Chemistry-American Chemical Society	70(7), 2528-2536 DOI:10/1021/jo050348	2005
14		Open versus closed 1,3-dipolar additions of C60: a theoretical investigation	Journal of Organic Chemistry-American Chemical Society	70(14), 5426-5435 DOI:10/1021/jo050348i	2005
15		Cationic Vs Anionic Mechanism for 1,3-dipolar additions	JPC	116(47), 25089-25096	2012
16		Synthesis, Characterization and Anti Microbial Activity of Some Heterocyclic Ketone Thiosemicarbazones	Advanced Chemistry Letters	Vol 1 & 1-6 DOI:10/1166/ac12013.1020	2013
17		Effect of Pottassium Nitrate (KNO) <sub>3</sub> ON the growth, spectral, thermal, mechanical, shg efficiency and powered XRD properties of L-Valine Single Crystal	Advanced Chemistry Letters	5(1), 23-6	2014
18		Synthesis, Growth and Characterization of L-Alanine Potassium Nitrate – A potential non linear optical material	Journal of thermal analysis and calorimetry	16(22):10698-707	2014
19	Dr. S.Ponsadailakshmi	Physico Chemical Analysis of Ground Water of Selected Area in Mayiladuthurai City (Tamilnadu), India	An International Journal of Chemistry	Vol 1(2), 100-107	2010
20		Thermal, UV, FTIR, and XRD studies of urinary stones	Journal of Thermal Analysis and Calorimetry	Volume 112 No.2 & 1067-1075	2013

21		Epidemlogy of kidney stones-an attempt to discuss in terms of Mathematical Epidemic Modelling	International Journal of Chemistry, Environment and Technology	Vol.1 issue 1 (98-105)	2013
22	P. Jamuna Devi	A Statistical Analysis on People working in matchbox industry-Kovilpatti	Journal of Applied and pure mathematics	31-36, & vol 6	July 2012
23		Decision making on to reduce burden on principalities	IOSR	32-35 & Special Edition	March 2014
24	A.R. Deepa	Fuzzy semi-pre-generalized super closed	IOSR	Vol 8, Issue4	Sep-Oct-2013
25	B. Ambiga	Fuzzy semi-pre-generalized super closed sets	IOSR	Vol 8, Issue4	Sep-Oct-2013
26	C. Gopi	Synthesis, Characterization and Anti-diabetic activity of 1,3,5-triaryl-2-prazolines in acetic acid solution under Ultrasound	International Letters of Chemistry, Physics and Astronomy	172-185 & Vol 2	2013
27		Green synthesis and antibacterial evaluation of some 2-pyrazoline derivatives	International Journal of Advanced Chemistry	53-58 & Vol 2	2014
28	T.Clarina	Pharmacognosy and Phytochemical study of Enicostemma LittoraleBlume	American Journal of Pharmtech; 2012	2249-3387	2012
29		Eco friendly egg shell mediated aldol condensation	International Journal of Science and Research, Vol3 Issue 9 Sep 2014	2319-7064	2014

## 15.2 Books, Manuals, Question Banks, Resource Materials Edited / Published: NIL

S.No	Name and Designation of the Author	Title of the Books, Manuals, Question Banks, Resource Materials	Name of the Publisher
01	Dr. K. Kavitha	Advanced Chemistry Letters	Reviewer
02	Dr.S.Ponsadai Lakshmi	Chemistry Lab Manual I and II	Lab Manual
03	Dr. K. Kavitha		Lab Manual
04	Mr.C.Gopi		Lab Manual
05	Ms.R.Valarmathi		Lab Manual
06	Ms.S.Punitha		Lab Manual
07	T.Clarina		Lab Manual
08	Ms.M.Remila		Lab Manual
09	Dr.Ravindran	Physics Lab Manual I & II	Lab Manual

10	Mr.R.Ranjithkumar		Lab Manual
11	Mr.R.Maheswari		Lab Manual
12	Mr.Chandramohan		Lab Manual
13	Mr.A.Jayaganthan		Lab Manual

**15.3 Number of publications listed in International Database: NIL**

**16. Areas of Consultancy and Income generated: NIL**

**17. Faculty as Members in National/International committees, Editorial Boards etc.,:**

Dr.B. RavinDran (Life member in MISTE), Reviewer in professional Journal,

Dr. K. Kavitha (Member in Advanced Chemistry Letters)

**18. Students Projects: NIL**

**19. Awards / Recognition received by Faculty and Students**

S.No	Name of the Staff / Student	Name of the Award	Awarding Organization	Year
01	P. Jamuna Devi (AP/Maths)	Best Paper Award	EGSPEC	2012
02	P. Jamuna Devi (AP/Maths)	Best Paper Award	EGSPEC	2013
03	K.S. Araththi (AP/Maths)			
04	C. Gopi(AP/Chem)	G.S. Pillay Memorial Award	EGSPEC	2013
05	Dr.S.Ponsadailakshmi(Asso. Prof/Chem)			
06	U. Rani(AP/English)			
07	K. Geetha(AP/English)			
08	A.JayaAnbarasi (AP/English)			
09	T. Clarina(AP/Chemistry)			
10	R. Deepa(AP/Maths)			
11	R.Kamalambikai(AP/Maths)	G.S. Pillay Memorial Award	EGSPEC	2014
12	K.S. Araththi(AP/Maths)			
13	P.Jamuna Devi (AP/Maths)			
14	D. Bindhu (AP/Maths)			
15	V. Gnanambiga(ECE)	G.S. Pillay Memorial Award(100% Attendance)	EGSPEC	2013-2014
16	M. Harishkumar(CIVIL)			
17	D. Martin Marimatharasi(IT)			
18	A. Buchiya(IT)			
19	R. Shanmugapriya(ECE)			
20	K. Kasthuri(ECE)			
21	T. Lakshmipriya(CIVIL)			
22	S. Elakkiya(CSE)			
23	M. Dharmaraj(MECH)			
24	S. Lavanya(ECE)			
25	K. Ganga(CSE)			
26	S.S. Sowmiya(CIVIL)			
27	N. Nithya(CSE)			
28	C. Nivetha(ECE)			
29	R. Nithya(ECE)			
30	G. Vanitha(ECE)			

31	L. John Albert(MECH)			
32	V. Abirami(IT)			
33	S. Banupriya(IT)			
34	T. Nishvetha(CSE)	G.S.P.M Award(secured II place in Ist Sem)	EGSPEC	2013
35	S. Lavanya(ECE)	G.S. Pillay Memorial Award(secure III place in Ist Sem)		
36	M. Dharmaraj(MECH)	G.S. Pillay Memorial Award(secure I place in Ist Sem)		
37	T. Lakshmi Priya(CIVIL)	G.S. Pillay Memorial Award(secure II place in Ist Sem)		
38	P. Mahalakshmi(CSE)	G.S. Pillay Memorial Award(secure II place in Ist Sem)		
39	K. Kasthuri (ECE)	G.S. Pillay Memorial Award		
40	G. Anitha(EEE)	G.S. Pillay Memorial Award(secure III place in Ist Sem)		
41	S.S. Sowmiya(CIVIL)	G.S.Pillay Memorial Award(secure I place in Ist Sem)		
42	L. John Albert(MECH)	G.S. Pillay Memorial Award(secure III place in Ist Sem)		
43	S. Vijila(CIVIL)	G.S. Pillay Memorial Award		
44	S. Mathan Kumar(IT)	G.S. Pillay Memorial Award(secure III place in Ist Sem)		
45	R. Shrikokila(IT)	G.S. Pillay Memorial Award(secure II place in Ist Sem)		
46	C. Nivetha (ECE)	G.S. Pillay Memorial Award(secure I place in Ist Sem)		

**20. List of Eminent Academicians and Scientists/Visitors to the Department:**

S.No	Name and designation of the eminent Researchers, Scientists, Dignitaries	Date of visit	Organisation to which the visitor belong
1	Dr.Raja Angamuthu	02.05.2014	IIT Kharagpur
2	Dr.Mahesh Sundarajan, Senior Scientist	03.05.2014	BARC, Mumbai
3	Rtd. Prof.Dr. Venuvalingam, Academic Advisory member, Research department of Chemistry	03.05.2014	Bharathidasan University, Trichy
4	Dr.R. Sophia Porchelvi, Department of Mathematics	27.06.2014	A.D.M. College For Women, Nagapattinam



5	V. Tamilselvan, Professor, Department of Mathematics	28.06.2014	A.V.C. Engineering College, Mannampandal
6	Dr.S. Jeevanantham	29.06.2014	Pondicherry Engineering College, Pondicherry
7	V. Tamilselvan, Professor, Department of Mathematics	30.06.2014	A.V.C. Engineering College, Mannampandal
8	Dr. R. Irene Hepzibah, Professor, Department of Mathematics	30.06.2014	A.V.C. Engineering College, Mannampandal
9		01.07.2014	
10		03.07.2014	
11	Dr.P.Nandakumar, Assistant Professor	26.07.2014	PKIET(Govt of puduchery), Karaikal
12	Sivakumarveerappan, State co-ordinator	05.08.2014	Chennai, Tamil Nadu.
13	Dr. R. Irene Hepzibah, Professor	06.09.2014	A.V.C. Engineering College, Mannampandal
14	I. Christi Raj, Asso. Professor,	26.09.2014	AnjalaiAmmalMahalingam Engineering College
15	V. Tamilselvan, Professor, Department of Mathematics	01.10.2014	A.V.C. Engineering College, Mannampandal
16	Shram. Vir.Mr.C.Ramadoss, Senior Refinery Operator	31.10.2014	CPCL-CBR.
17	Mr.M. Sekar, M.E., General Manager	10.11.2014	MARG PORT, Karaikal
18	Dr.R. Sophia Porchelvi	02.01.2015	A.D.M. College For Women, Nagapattinam
19	Dr.M. Aramudhan	08.01.2015	PKIET(Govt of puduchery), Karaikal
20	Dr. R. Irene Hepzibah, Professor	08.01.2015	A.V.C. Engineering College, Mannampandal
21	Mrs. Tamizholi Rajadurai, Asst. Prof	13.01.2015	Tamilnadu Pollution Control board, Nagapattinam
22	Dr.G. Rajaraman, Department of Chemistry	29.01.2015	IIT, Mumbai
23	Dr.Prof. Parthiban, Department of Chemistry	29.01.2015	Annamalai University, Chidambaram
24	Mr.V.RajaRaman	28.02.2015	PG Asst., NHSS, Nagai
25.	Mr.S.Ramadoss		Director, PRIME group of Institution
26	Dr.M.Aramudham		HOD, PKIET, Karaikal
27	Er.G.Gnana Sundara Guru	13.03.2015	Senior Process Engineer, CPCL- Nagai.

**21. Seminars/Conference/Workshops and Source of Funding:**

S.No	Name of the Faculty	Name of the Programme	Funding Agencies	Grant Received
01	P. Jamuna Devi	Anna university Sponsored FDTP	Anna university	Rs.60,000
02	S.Sangeetha	Anna university Approved FDTP	Management	Rs 60,000

**21.1 International Conferences**

S.No	Name of the International Conferences	Year of Program	Date	Funding Agency
01	ICAESM	2011 – 12	30.03.2012 & 31.03.2012	IEEE
02	ICRDPET	2012 – 13	29.03.2013 & 30.03.2013	IEEE, AICHI (JAPAN)
03	ICIRET	2013 – 14	03.05.2014	IEEE

**21.2 National Conferences, Seminars, Symposium, Talent Shows Conducted:**

S.No	Name of Conferences, Seminars, Symposium, Talent Shows	Year of Program	Date
01	Role of Herbal plants	2014	26.09.2014
02	One day seminar on Statistics		06.09.2014
03	Valar Tamil		01.10.2014
04	Science Exhibition		06.10.2014
05	Seminar on "Students Personality Development"	2015	28.02.2015

**22. Student Profile Programme / Course wise:** This department offers general subjects in the first year of UG/PG programmes

**23. Diversity of Students:** This department offers general subjects in the first year of UG/PG programmes

**24. How many Students have cleared National and International Competitive examinations such as NET, SLET, GATE, Civil Services, Degree Service etc.:** This department offers general subjects in the first year of UG/PG programmes

**25. Student Progression:** This department offers general subjects in the first year of UG/PG programmes

**26. List of Illustrious Alumni:** This department offers general subjects in the first year of UG/PG programmes

**27. Details of Infrastructural Facilities****a) Library****Department Library: No****Book Bank Scheme: Yes****b) Internet Facilities for Staff and Students: Yes****c) Class room with ICT Facilities:** One class room is provided with LCD Projector and other ICT facilities.**d) Laboratories**

S.No	Name of the Laboratory
01	Physics Laboratory
02	Chemistry Laboratory
03	Communication Laboratory

**28. Number of Students receiving financial assistance from college, Government and other Organization.**

This department offers general subjects in the first year of UG/PG programmes

**29. Details of Student enrichment programs (Special Lectures/Workshops/Seminars) with external experts conducted during the last 3 years.**

S.No	Date	Name of the Program	Collaborative Expert
01	05.01.2012	Special Lecture in Application of Queuing Theory	Dr.R. Sophiaporchelvi (Associative Professor), A.D.M. College, Nagapattinam
02	11.01.2012	Special Lecture in Queuing Theory and its applications	J.E.L. Priyakumar (Prof and head of the department), TBML College, Poraiyar
03	12.05.2014 to 14.05.2014	A Practicum on “Fortification of Communicative Proficiency”	Shine Communicative Academy
04	27.06.2014	Special Lecture in Anna University Sponsored FDTP on MA6151-Mathematics-I	Dr.R. Sophia Porchelvi, Department of Mathematics, (Associative Professor), A.D.M. College, Nagapattinam
05	28.06.2014	Special Lecture in Anna University Sponsored FDTP on MA6151-Mathematics-I	V. Tamilselvan, Professor, Department of Mathematics, A.V.C. College of Engineering
06	29.06.2014	Special Lecture in Anna University Sponsored FDTP on MA6151-Mathematics-I	Dr.S. Jeevanantham, Pondicherry Engineering

			College, Pondicherry
07	30.06.2014	Special Lecture in Anna University Sponsored FDTP on MA6151-Mathematics-I	V. Tamilselvan, Professor, Department of Mathematics, A.V.C. College of Engineering
08	30.06.2014	Special Lecture in Anna University Sponsored FDTP on MA6151-Mathematics-I	Dr. R. Irene Hepzibah, Professor, Department of Mathematics, A.V.C. College of Engineering
09	01.07.2014	Special Lecture in Anna University Sponsored FDTP on MA6151-Mathematics-I	Dr. R. Irene Hepzibah, Professor, Department of Mathematics, A.V.C. College of Engineering
10	03.07.2014	Special Lecture in Anna University Sponsored FDTP on MA6151-Mathematics-I	Dr. R. Irene Hepzibah, Professor, Department of Mathematics, A.V.C. College of Engineering
11	26.07.2014	Special Lecture on “Application of TPDE”	Dr.P.Nandakumar, Assistant Professor, Department of Mathematics, PKIET (Govt of puduchery), Karaikal
12	06.09.2014	One day seminar on Statistics	Dr. R. Irene Hepzibah, Professor, A.V.C. College of Engineering
13	26.09.2014	Special Lecture on “Application of TPDE”	I. Christi Raj, Asso. Professor, Department of Mathematics, Anjalaiaammal College of Engineering
14	01.10.2014	Special Lecture on “Application of TPDE”	V. Tamilselvan, Professor, Department of Mathematics, A.V.C. College of Engineering
15	31.10.2014	Special Lecture on “Unlocking your potential”	Shram. Vir.Mr.C.Ramadoss, Senior Refinery Operator , CPCL-CBR.

16	02.01.2015	Special Lecture in Anna University Approved FDTP on MA6251-Mathematics-II	Dr.R. Sophiaporchelvi (Associative Professor), A.D.M. College, Nagapattinam
17	08.01.2015	Special Lecture in Anna University Approved FDTP on MA6251-Mathematics-II	Dr.M. Aramudhan, Asso. Professor, Head of IT, PKIET (Govt of puduchery), Karaikal
18	08.01.2015	Special Lecture in Anna University Approved FDTP on MA6251-Mathematics-II	Dr. R. Irene Hepzibah, Professor, A.V.C. College of Engineering
19	13.01.2015	Special Lecture on “Smokless Bhogi”	Mrs. Tamizholi Rajadurai, Asst. Prof, Tamilnadu Pollution Control board, Nagapattinam
20	28.02.2015	One day seminar on “Students Personality development programme”	Mr.V.RajaRaman, PG Asst., NHSS, Nagai
21	28.02.2015		S.Ramadoss, Director, Prime group of institution
22	28.02.2015		Dr.M. Aramudhan, Asso. Professor, Head of IT, PKIET (Govt of puduchery), Karaikal
23	13.03.2015	Special Lecture on “Dynamics of indian Refining Industry”	Er.G.Gnana Sundara Guru, Senior Process Engineer, CPCL-CBR, Nagapattinam

**30. Teaching methods adopted to improve student learning:** Using power point presentation, visiting to industries, tutorial system

**31. Participation in Institutional Social Responsibility (ISR) and extension activities during last 3 years.**

S.No	Date	Details of the Program	Remarks
01	12.02.2012	Organ donation, Eye donation	Staff
02	24.02.2014	Blood donation	Students

**32. Strength, Weakness, Opportunities, Challenge, analysis of the department and future plan.**

**Strength:**

1. Full time Faculty members.
2. High level of interaction between staff & students.
3. Expertise in teaching non-traditional students.

**Opportunities:**

1. Improvement of staff qualification (Ph.D)
2. Department offers appropriate activities and material to students.
3. Getting grant from funding agencies.

**Challenge:**


1. Preparing the rural students to face the industrial world.
2. Our college is competing with as many as 10 colleges located within 50 kms.

**Future Plan:**

1. Achieving 100% results in each semester.
2. Students participation in other college Symposiums, Seminars, Conference, Workshop.
3. Making the students do the innovative projects.

## 6.a. ANNEXURE

### 6.a.1 Extension of Approval by AICTE



**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](http://www.aicte-india.org)

F.No. Southern/1-2017263475/2014/EOA Date: 04-Jun-2014

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 2014-15

Ref: Application of the Institution for Extension of approval for the academic year 2014-15

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	1-2017263475
		Permanent Id	1-5857311
Name of the Institute	E.G.S. PILLAY ENGINEERING COLLEGE	Institute Address	OLD NAGORE ROAD, NAGORE POST, NAGAPATTINAM DT TAMIL NADU STATE PIN: 611 002, NAGAPATTINAM, NAGAPATTINAM, Tamil Nadu, 611002
Name of the Society/Trust	G.S. PILLAY & SONS CHARITABLE AND EDUCATIONAL TRUST	Society/Trust Address	47, PERUMAL SANNATHI STREET, NAGAPATTINAM, NAGAPATTINAM, NAGAPATTINAM, M.Tamil Nadu, 611001
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 2014-15

Page 1 of 4

Application Number: 1-2017263475\*

Note: This is a Computer generated Letter of Approval. No signature is required.

Printed By : ee887231

Letter Printed On: 4 June 2014



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](http://www.aicte-india.org)

Application Id: 1-2017263475			Course	Full/Part Time	Affiliating Body	Intake 2013-14	Intake Approved for 14-15	NET Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMMUNICATION SYSTEMS	FULL TIME	Anna University, Chennai	18	18	No	No	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE & ENGINEERING	FULL TIME	Anna University, Chennai	18	18	No	No	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MANUFACTURING ENGINEERING	FULL TIME	Anna University, Chennai	18	18	No	No	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	POWER ELECTRONICS AND DRIVES	FULL TIME	Anna University, Chennai	18	18	No	No	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	CIVIL ENGINEERING	FULL TIME	Anna University, Chennai	120	120	No	No	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Anna University, Chennai	120	120	No	No	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Anna University, Chennai	60	60	No	No	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	FULL TIME	Anna University, Chennai	120	120	No	No	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	INFORMATION TECHNOLOGY	FULL TIME	Anna University, Chennai	60	60	No	No	N





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](http://www.aicte-india.org)

Application Id: 1-2017263475			Course	Full/Part Time	Affiliating Body	Intake 2013-14	Intake Approved for 14-15	NRJ Approval status	PhD Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	FULL TIME	Anna University, Chennai	120	120	No	No	N

- Validity of the course details may be verified at [www.aicte-india.org/departments/approvals](http://www.aicte-india.org/departments/approvals)

The above mentioned approval is subject to the condition that E.G.S. PILLAY ENGINEERING COLLEGE 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 and subsequently upload and update the student/ faculty/ other data on portal as per the time schedule which will be intimated by AICTE.

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. Kuncheria P. Isaac)

Member Secretary, AICTE



*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](http://www.aicte-india.org)

3. **The Registrar,**  
Anna University, Chennai
4. **The Principal / Director,**  
E.G.S. PILLAY ENGINEERING COLLEGE  
OLD NAGORE ROAD,  
NAGORE POST,  
NAGAPATTINAM DT  
TAMIL NADU STATE  
PIN: 611 002,  
NAGAPATTINAM, NAGAPATTINAM,  
Tamil Nadu, 611002
5. **The Secretary / Chairman,**  
G.S. PILLAY & SONS CHARITABLE AND EDUCATIONAL TRUST  
47, PERUMAL SANNATHI STREET,  
NAGAPATTINAM,  
NAGAPATTINAM, NAGAPATTINAM,  
Tamil Nadu, 611001
6. **Guard File(AICTE)**



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](http://www.aicte-india.org)

F.No. Southern/1-2016609905/2014/EOA

Date: 04-Jun-2014

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 2014-15

Ref: Application of the Institution for Extension of approval for the academic year 2014-15

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	1-2016609905
		Permanent Id	1-5874241
Name of the Institute	E.G.S. PILLAY ENGINEERING COLLEGE (MBA)	Institute Address	OLD NAGORE ROAD, NAGORE POST, NAGAPATTINAM DT TAMILNADU STATE PIN: 611 002, NAGAPATTINAM, NAGAPATTINAM, Tamil Nadu, 611002
Name of the Society/Trust	G.S. PILLAY & SONS CHARITABLE AND EDUCATIONAL TRUST	Society/Trust Address	47, PERUMAL SANNATHI STREET, NAGAPATTINAM,NAGAPATTINAM,NAGAPATTINAM, M,Tamil Nadu,611001
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 2014-15

Application Number: 1-2016609905\*

Page 1 of 3

Note: This is a Computer generated Letter of Approval.No signature is required.

Letter Printed On: 4 June 2014

Printed By : ae3545911



**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](http://www.aicte-india.org)

Application Id: 1-2016609905			Course	Full/Part Time	Affiliating Body	Intake 2013-14	Intake Approved for 14-15	NET Approval status	PGO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
MANAGEMENT	1st Shift	POST GRADUATE	MASTERS IN BUSINESS ADMINISTRATION	FULL TIME	Anna University, Chennai	120	120	No	No	N

- Validity of the course details may be verified at [www.aicte-india.org>departments>approvals](http://www.aicte-india.org>departments>approvals)

The above mentioned approval is subject to the condition that E.G.S. PILLAY ENGINEERING COLLEGE (MBA) 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 and subsequently upload and update the student/ faculty/ other data on portal as per the time schedule which will be intimated by AICTE.

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. Kuncheria P. Isaac)  
Member Secretary, AICTE



*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](http://www.aicte-india.org)

3. **The Registrar,**  
Anna University, Chennai
4. **The Principal / Director,**  
E.G.S. PILLAY ENGINEERING COLLEGE (MBA)  
OLD NAGORE ROAD,  
NAGORE POST,  
NAGAPATTINAM DT  
TAMILNADU STATE  
PIN: 611 002,  
NAGAPATTINAM,NAGAPATTINAM,  
Tamil Nadu,611002
5. **The Secretary / Chairman,**  
G.S. PILLAY & SONS CHARITABLE AND EDUCATIONAL TRUST  
47, PERUMAL SANNATHI STREET,  
NAGAPATTINAM,  
NAGAPATTINAM,NAGAPATTINAM,  
Tamil Nadu,611001
6. **Guard File(AICTE)**





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](http://www.aicte-india.org)

F.No. Southern/1-2016610057/2014/EOA

Date: 04-Jun-2014

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 2014-15

Ref: Application of the Institution for Extension of approval for the academic year 2014-15

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	1-2016610057
		Permanent Id	1-5968171
Name of the Institute	E.G.S. PILLAY ENGINEERING COLLEGE(MCA)	Institute Address	OLD NAGORE ROAD, NAGORE POST, NAGAPATTINAM DT TAMILNADU STATE PIN: 611 002, NAGAPATTINAM, NAGAPATTINAM, Tamil Nadu, 611002
Name of the Society/Trust	G.S. PILLAY & SONS CHARITABLE AND EDUCATIONAL TRUST	Society/Trust Address	47, PERUMAL SANNATHI STREET, NAGAPATTINAM,NAGAPATTINAM,NAGAPATTINAM, Tamil Nadu,611001
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 2014-15

Application Number: 1-2016610057\*

Page 1 of 3

Note: This is a Computer generated Letter of Approval.No signature is required.

Letter Printed On:4 June 2014

Printed By : ae3545916



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](http://www.aicte-india.org)

Application Id: 1-2016610057			Course	Full/Part Time	Affiliating Body	Intake 2013-14	Intake Approved for 14-15	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
MCA	1st Shift	POST GRADUATE	MASTERS IN COMPUTER APPLICATIONS	FULL TIME	Anna University, Chennai	60	60	No	No	N

- Validity of the course details may be verified at [www.aicte-india.org>departments>approvals](http://www.aicte-india.org>departments>approvals)

The above mentioned approval is subject to the condition that E.G.S. PILLAY ENGINEERING COLLEGE(MCA) 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 and subsequently upload and update the student/ faculty/ other data on portal as per the time schedule which will be intimated by AICTE.

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. Kuncheria P. Isaac)  
Member Secretary, AICTE



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](http://www.aicte-india.org)

3. **The Registrar,**  
Anna University, Chennai
4. **The Principal / Director,**  
E.G.S. PILLAY ENGINEERING COLLEGE(MCA)  
OLD NAGORE ROAD,  
NAGORE POST,  
NAGAPATTINAM DT  
TAMILNADU STATE  
PIN: 611 002,  
NAGAPATTINAM,NAGAPATTINAM,  
Tamil Nadu,611002
5. **The Secretary / Chairman,**  
G.S. PILLAY & SONS CHARITABLE AND EDUCATIONAL TRUST  
47, PERUMAL SANNATHI STREET,  
NAGAPATTINAM,  
NAGAPATTINAM,NAGAPATTINAM,  
Tamil Nadu,611001
6. **Guard File(AICTE)**



## 6.a.2 Faculty Evaluation by HOD - Format

**E. G. S. PILLAY ENGINEERING COLLEGE,  
NAGAPATTINAM – 611 002.**

**EVALUATION BY HOD**

Evaluation of the faculty by HOD

Department: \_\_\_\_\_ Date: \_\_\_\_\_

Name of the Faculty: \_\_\_\_\_ Name of the HOD: \_\_\_\_\_

Sl. No.	Points	Ranking				
		(1)	(2)	(3)	(4)	(5)
1.	Accepting Responsibility					
2.	Co-operating with Colleagues					
3.	Work attendance and punctuality					
4.	Accepting advice					
5.	Supervising ability					
6.	Desire to learn and improve					
7.	Accepting new assignments					
8.	Completing the job in time					
9.	Display of professional ethics					
10.	Any other points					

(1) Very Poor    (2) Poor    (3) Average    (4) Good    (5) Excellent

Put 'X' under the appropriate ranking score that is nearest to your opinion.

Read each point for evaluation, understand it, recapitulate and analyze the state of the matter relevant to each item and then assign the ranking.

Signature with date: \_\_\_\_\_

### 6.a.3 Faculty Evaluation by Peers - Format

**E. G. S. PILLAY ENGINEERING COLLEGE,  
NAGAPATTINAM – 611 002.**

**EVALUATION BY PEERS**

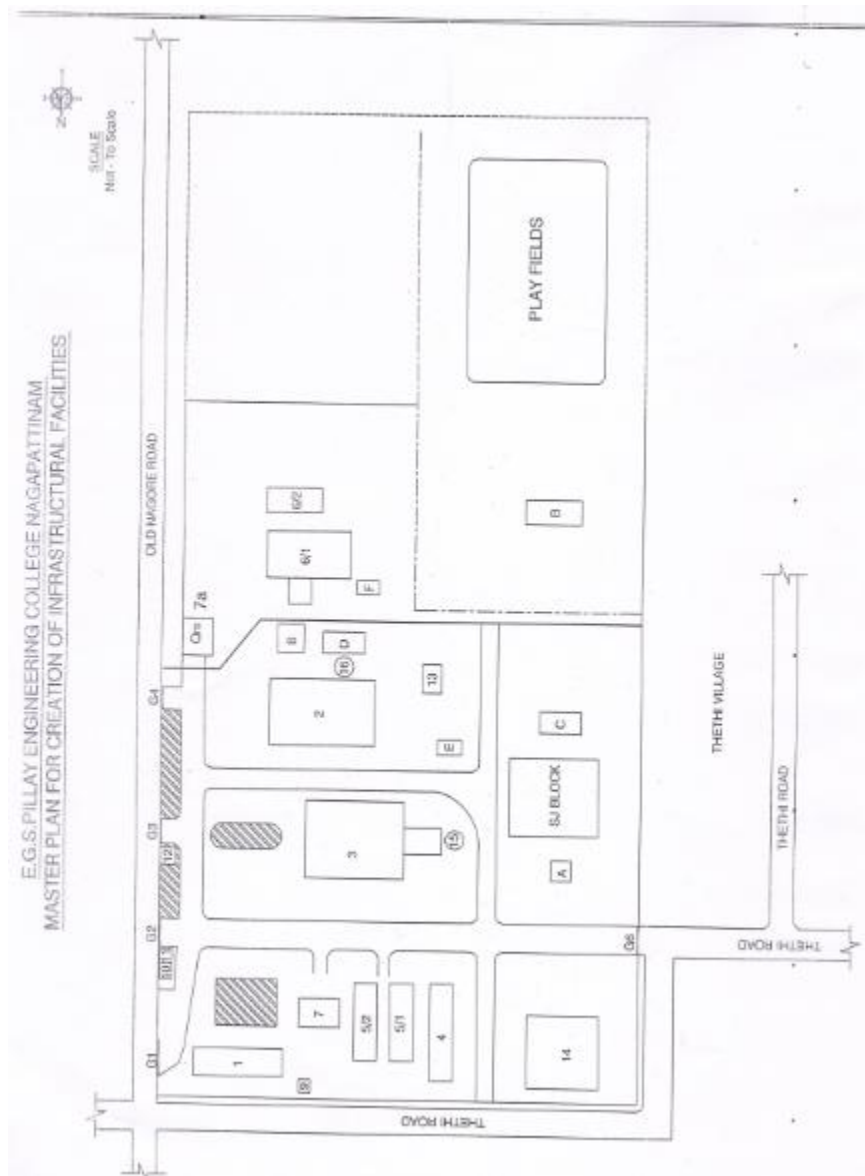
Evaluation of the faculty by Peers						
Department:			Date:			
Name of the Faculty:			Name of the evaluating Peer:			
Sl. No.	Points	Ranking				
		(1)	(2)	(3)	(4)	(5)
1.	Effective introduction to commence with motivation					
2.	Presenting the scope of the session					
3.	Logical arrangement of the topic					
4.	Pace of coverage					
5.	Emphasis at difficult points					
6.	Encouragement to discuss and clear doubts					
7.	Citation of examples, illustrations and practical cases					
8.	Assessing the depth of understanding by the students					
9.	Summarization of the key points of the total presentation					
10.	Any other points					
(1) Highly inadequate		(2) Inadequate		(3) Neither adequate nor inadequate		
(4) Adequate		(5) Highly adequate				
Put 'X' under the appropriate ranking score that is nearest to your opinion						
Signature with date:						

### 6.a.4 Faculty Evaluation by Students- Format

Kindly fill in the following questionnaire so as to assess the effectiveness of the Teaching learning processes. Be frank, constructive and creative in your assessment.

Year:		PRINCIPAL:					
		Branch:			Section:		
		Subject 1	Subject 2	Subject 3	Subject 4	Subject 5	Subject 6
Sl. No	Subject Code	Name of the Staff					
	Quality Measure						
1	Punctuality						
2	Regularity						
3	Personality						
4	Pace of Covering Syllabus						
5	Clarity Expression						
6	Encouraging to raise doubts & Ability to clarify						
7	Ability to maintain discipline						
8	Provision of feedback on learning deficiencies						
9	Ability to sustain students Attention & Interest						
10	Provision of Sufficient Course Materials						
11	Emphasis on Difficult Points						
12	Citation, Examples, Illustrations, Etc.,						
13	Any other Remarks						
		1. Poor	2. Average	3. Good	4. Very Good	5. Excellent	

## 6.a.5 Master Plan for Creation of Infrastructural Facilities



DESIGNATION	DESCRIPTION
1	MAIN BLOCK
2	PG BLOCK
3	GG BLOCK
4	WORK SHOP
5/1	FM LAB & SM LAB
5/2	EEE BLOCK
6/1	BOYS HOSTEL
6/2	BOYS HOSTEL
7	LADIES HOSTEL
7a	STAFF QUARTERS
8,9	CANTEEN
10	BANK
11	STATIONERY SHOP
12	ATM FACILITY
13	RAIN WATER STORAGE POND
14	INDOOR GAME / AUDITORIUM
15	MEMORIAL FOR THE FOUNDER
16	HYBRID SOLAR AND WIND POWER PLANT
A	BASKET BALL COURT
B	PROPOSED PAVILIAN
C	PROPOSED EDC
D	PROPOSED GUEST HOUSE
E	PROPOSED STUDENT CANTEEN
F	PROPOSED WASTE WATER TREATMENT PLANT
G1,G2,G3,G4,G5,G8	ENTRY & EXIT GATES
■	GARDEN



## 6.a.6 Audited Statement of Income and Expenditure

E.G.S.Pillay Engg College - (From 1-Apr-2011)			
Nagore Main Road, Nagapattinam			
Receipts & Payments			
1-Apr-2011 to 31-Mar-2012			
Receipts		Payments	
1-Apr-2011 to 31-Mar-2012		1-Apr-2011 to 31-Mar-2012	
Opening Balance	42,30,413.31	Loans (Liability)	2,29,87,085.00
Bank Accounts	42,30,413.31	Fixed Deposits Loan with Lvb	2,29,87,085.00
Current Liabilities	1,02,12,175.40	Current Liabilities	20,000.00
E.G.S.Pillay Arts & Sci. College - Engg	31,13,499.70	E.G.S.Pillay Arts & Sci. College - Engg	20,000.00
Fixed Deposits Maturity with LVB - Engg	70,98,675.70	Fixed Assets	3,68,86,422.00
Fixed Assets	2,00,000.00	Fixed Assets - Engg	3,46,56,422.00
Fixed Assets - Trans	2,00,000.00	Fixed Assets - Trans	22,30,000.00
Current Assets	7,01,51,937.12	Investments	13,11,611.00
G.S.Pillay&Sons Charitable & Educational Trust-Engg	79,89,501.44	E.B.Deposits - Engg	1,81,361.00
Deposits (Asset) - Engg	6,21,62,435.68	E.G.S.PILLAY POLY - ENGG	1,01,000.00
Indirect Incomes	9,35,71,879.53	Reliance Communication Internet Deposit - Engg	10,29,250.00
Bank Intrest Recivd - Trans	69,281.00	Current Assets	5,26,42,000.00
Bank SB Intrest Recived - Engg	1,53,365.00	G.S.Pillay&Sons Charitable & Educational Trust-Engg	10,000.00
Caution Deposits Recevied-Engg	9,96,766.93	Land Advance - Engg	40,00,000.00
ED Maturity Intrest Recived - Engg.	23,52,372.31	Deposits (Asset) - Engg	4,86,00,000.00
Fees Collection-Engg	8,13,31,642.29	Loans & Advances (Asset) - Engg	32,000.00
Fees Collection-Trans	86,68,452.00	Indirect Expenses	5,71,04,600.77
Indirect Expenses	150.00	Caution Deposits Refund - Engg	6,08,057.00
Educational Expenses	150.00	EGS PILLY POLY - ENGG	3,000.00
		Fees Refund - Engg	1,60,200.00
		New Account Opening	30,000.00
		Educational Expenses	4,89,53,578.23
		Egspilly Transport	73,49,765.54
		Closing Balance	74,14,836.59
		Bank Accounts	74,14,836.59
Total	17,83,66,555.36	Total	17,83,66,555.36

**E.G.S.Pillay Engg College - (From 1-Apr-2011)**Nagore Main Road,  
Nagapattinam**Educational Exp-Engg**

Group Summary

1-Apr-2011 to 31-Mar-2012

Page 1

Particulars	Transactions	
	Receipts	Payments
1st Year Innagration Function - Engg		26,706.00
Advertisement&Printing-Engg		6,93,231.00
AICTE AFFILICATION FEES - ENGG		6,92,650.18
Aicte Intake Increasing Fee-Engg		47,195.00
Anna University Examination Fees - Engg		94,66,883.00
Anna University Exam Refreshment - Engg		24,000.00
Anna University Regestration Regnition Enrolem-Engg		10,740.00
Audit Fees - Engg		2,08,000.00
Bank Charges - Engg		17,264.05
Building Tax-Engg		50,450.00
Building Tax - Engg		69,806.00
College Day-Engg		20,000.00
Commisioner Tech Edu-Engg		5,000.00
Consotium-Engg		42,000.00
Diesel - Engg		57,446.00
Electricity Charges - Engg		11,83,266.00
Empoyee Provident Fund-Engg		12,75,379.00
Eye Camp Exp-Engg		1,12,200.00
Garden Develapment - Engg		2,01,489.00
I S O Certificate Verification Fees - Engg		85,208.00
Lab Consumable Goods-Engg		97,360.00
Lab Electronics Goods-Engg		11,685.00
Legal Fees - Engg		1,47,000.00
Library Journal Subscription-Engg		3,38,304.00
Miscellaneous Exp - Engg		5,00,558.00
Office Maintance - Engg		23,878.00
Pooja Exp - Engg		12,125.00
Postage&Courier-Engg		14,956.00
Property Tax-Engg		14,610.00
Repair&Maintenance-Engg		2,01,298.00
R O Water Plant - Engg		59,000.00
Salary-Engg		2,78,36,800.00
Special Course for Student - Engg		14,96,209.00
Staff Exam Refreshment - Engg		4,02,796.00
Stationery Purchase - Engg		15,26,441.00
Student Medical Exp - Engg		8,230.00
Student Pro-E Training-Engg		11,78,175.00
Tds - Engg		24,200.00
Telephone Charges - Engg.		1,54,737.00
The New India Assurance - Engg		80,080.00
The Register of Anna University Technolagy - Engg		56,376.00
The State Co-Ordinated NSS TN - Arts		18,000.00
T N State Council Tech Education - Engg		10,100.00
Travelling Exp - Engg		3,92,247.00
Water Tax Paid - Engg		59,500.00
<b>Grand Total</b>		<b>4,89,53,578.23</b>



# **E.G.S.Pillay Engg College - (From 1-Apr-2011)**

Nagore Main Road,  
Nagapattinam

## **Receipts & Payments**

1-Apr-2011 to 31-Mar-2012

Page 1

Receipts		1-Apr-2011 to 31-Mar-2012	Payments		1-Apr-2011 to 31-Mar-2012
<b>Opening Balance</b>		<b>42,30,413.31</b>	<b>Current Liabilities</b>		<b>1,08,00,000.00</b>
Bank Accounts		42,30,413.31	Fixed Deposits Lvb - 9325 - Engg	27,00,000.00	
<b>Current Liabilities</b>		<b>2,07,12,175.40</b>	Fixed Deposits Lvb - 9333 - Engg	27,00,000.00	
E.G.S.Pillay Arts & Sci. College - Engg	28,13,499.70		Fixed Deposits Lvb - 9346 - Engg	27,00,000.00	
Fixed Deposits Lvb - 9325 - Engg	27,00,000.00		Fixed Deposits Lvb - 9875 - Engg	27,00,000.00	
Fixed Deposits Lvb - 9333 - Engg	27,00,000.00		<b>Fixed Assets</b>		<b>3,68,77,792.00</b>
Fixed Deposits Lvb - 9346 - Engg	27,00,000.00		Fixed Assets - Engg	3,46,47,792.00	
Fixed Deposits Lvb - 9875 - Engg	27,00,000.00		Fixed Assets - Trans	22,30,000.00	
Fixed Deposits Maturity with LVB - Engg	70,98,675.70		<b>Investments</b>		<b>13,11,611.00</b>
<b>Fixed Assets</b>		<b>2,00,000.00</b>	E.B.Deposits - Engg	1,81,361.00	
Fixed Assets - Trans	2,00,000.00		E.G.S.PILLAY POLY - ENGG	1,01,000.00	
<b>Current Assets</b>		<b>1,83,81,937.12</b>	Reliance Communication Internet Deposit - Engg	10,29,250.00	
G.S.Pillay&Sons Charitable & Educational Trust-Engg	52,79,501.44		<b>Current Assets</b>		<b>4,18,32,000.00</b>
Deposits (Asset) - Engg	1,16,02,435.68		Land Advance - Engg	40,00,000.00	
Deposits - Trans	15,00,000.00		Deposits (Asset) - Engg	3,63,00,000.00	
<b>Indirect Incomes</b>		<b>13,48,41,879.53</b>	Loans & Advances (Asset) - Engg	32,000.00	
Bank Intrest Recivd - Trans	69,281.00		Deposits - Trans	15,00,000.00	
Bank SB Intrest Recived - Engg	1,53,365.00		<b>Indirect Expenses</b>		<b>8,00,65,835.77</b>
Caution Deposits Recevied-Engg	9,96,766.93		Caution Deposits Refund - Engg	6,08,057.00	
FD Maturity Intrest Recived - Engg.	23,52,372.31		EGS PILLAY POLY - ENGG	3,000.00	
Fees Collection-Engg	8,43,41,642.29		Fees Refund - Engg	1,60,200.00	
Fees Collection-Trans	86,68,452.00		New Account Opening	90,000.00	
Fixed Deposits Lvb 11587	13,00,000.00		Educational Expenses	4,89,62,208.23	
Fixed Deposits Lvb 15814	85,000.00		Egspillay Transport	72,55,285.54	
Fixed Deposits Lvb 15873	1,00,000.00		Fixed Deposits Loan with Lvb	2,29,87,085.00	
Fixed Deposits Lvb 1594	1,75,000.00		<b>Closing Balance</b>		<b>75,09,316.59</b>
Fixed Deposits Lvb 16612	6,50,000.00		Bank Accounts	75,09,316.59	
Fixed Deposits Lvb 17544	17,50,000.00				
Fixed Deposits Lvb - 21653	22,00,000.00				
Fixed Deposits Lvb 21695	22,00,000.00				
Fixed Deposits Lvb 21709	22,00,000.00				
Fixed Deposits Lvb 21712	10,00,000.00				
Fixed Deposits Lvb 21741	11,00,000.00				
Fixed Deposits Lvb 21762	9,00,000.00				
Fixed Deposits Lvb 22841	5,00,000.00				
Fixed Deposits Lvb 22862	10,00,000.00				
Fixed Deposits Lvb 22870	10,00,000.00				
Fixed Deposits Lvb 22918	4,00,000.00				
Fixed Deposits Lvb 4522	16,00,000.00				
Fixed Deposits Lvb 4631	3,50,000.00				
Fixed Deposits Lvb 4644	6,00,000.00				
Fixed Deposits Lvb - 4704	12,50,000.00				
Fixed Deposits Lvb 4992	15,00,000.00				
Fixed Deposits Lvb 5013	14,00,000.00				
Fixed Deposits Lvb 5021	14,00,000.00				
Fixed Deposits Lvb 7579	22,00,000.00				
Fixed Deposits Lvb 7822	14,00,000.00				
Fixed Deposits Lvb -7843	10,00,000.00				
Fixed Deposits Lvb 7872	5,00,000.00				
Fixed Deposits Lvb 8666	1,00,000.00				
Fixed Deposits Lvb 8805	5,00,000.00				
Fixed Deposits Lvb 8813	5,00,000.00				
<b>Carried Over</b>		<b>17,83,66,405.36</b>	<b>Carried Over</b>		<b>17,83,96,555.36</b>

continued ...



**F.G.S.Pillay Engg College - (From 1-Apr-2011)**

Receipts & Payments

Page 2

<b>Receipts</b>		1-Apr-2011 to 31-Mar-2012	<b>Payments</b>		1-Apr-2011 to 31-Mar-2012
Brought Forward		17,83,66,405.36	Brought Forward		17,83,96,555.36
Fixed Deposits Lvb 8834	5,00,000.00				
Fixed Deposits Lvb 8847	5,00,000.00				
Fixed Deposits Lvb 8889	5,00,000.00				
Fixed Deposits Lvb 8892	10,00,000.00				
Fixed Deposits Lvb 8914	10,00,000.00				
Fixed Deposits Lvb 9367	9,00,000.00				
Fixed Deposits Lvb 9370	10,00,000.00				
Fixed Deposits Lvb 9388	10,00,000.00				
Fixed Deposits Lvb - 9391	10,00,000.00				
Indirect Expenses		30,150.00			
New Account Opening	30,000.00				
Educational Expenses	150.00				
<b>Total</b>		<b>17,83,96,555.36</b>	<b>Total</b>		<b>17,83,96,555.36</b>

# **E.G.S.Pillay Engg College - (From 1-Apr-2011)**

Nagore Main Road,  
Nagapattinam

## **Educational Exp-Engg**

Group Summary

1-Apr-2011 to 31-Mar-2012

Page 1

Particulars	Transactions	
	Receipts	Payments
1st Year Innagration Function - Engg		26,706.00
Advertisement&Printing-Engg		6,93,231.00
AICTE AFFILICATION FEES - ENGG		6,92,650.18
Aicte Intake Increasing Fee-Engg		47,195.00
Anna University Examination Fees - Engg		94,66,883.00
Anna University Exam Refreshment - Engg		24,000.00
Anna University Registration Regnition Enrolem-Engg		10,740.00
Audit Fees - Engg		2,08,000.00
Bank Charges - Engg		17,264.05
Buildng Tax-Engg		50,450.00
Building Tax - Engg		69,806.00
College Day-Engg		20,000.00
Commisioner Tech Edu-Engg		5,000.00
Consotium-Engg		42,000.00
Diesel - Eng		57,446.00
Electricity Charges - Engg		11,83,266.00
Empoyee Provident Fund-Engg		12,75,379.00
Eye Camp Exp-Engg		1,12,200.00
Garden Development - Engg		2,01,489.00
I S O Certificate Verification Fees - Engg		85,208.00
Lab Consumable Goods-Engg		97,360.00
Lab Electronics Goods-Engg		11,685.00
Legal Fees - Engg		1,47,000.00
Library Journal Subscription-Engg		3,38,304.00
Miscellaneous Exp - Engg		5,01,308.00
Office Maintance - Engg		23,878.00
Pooja Exp - Engg		12,125.00
Postage&Courier-Engg		14,956.00
Property Tax-Engg		14,610.00
Repair&Maintenance-Engg		2,14,578.00
R O Water Plant - Engg		59,000.00
Salary-Engg		2,78,36,800.00
Special Course for Student - Engg		14,96,209.00
Staff Exam Refreshment - Engg		4,02,796.00
Stationery Purchase - Engg		15,21,791.00
Student Medical Exp - Engg		8,230.00
Student Pro-E Training-Engg		11,78,175.00
Tds - Engg		24,200.00
Telephone Charges - Engg.		1,54,737.00
The New India Assurance - Engg		80,080.00
The Register of Anna University Technology - Engg		55,626.00
The State Co-Ordinated NSS TN - Arts		18,000.00
T N State Council Tech Education - Engg		10,100.00
Travelling Exp - Engg		3,92,247.00
Water Tax Paid - Engg		59,500.00
<b>Grand Total</b>		<b>4,89,62,208.23</b>

# E.G.S.Pillay Engg College - (From 1-Apr-2012)

Nagore Main Road,  
Nagapattinam

## Receipts & Payments

1-Apr-2012 to 31-Mar-2013

Page 1

Receipts	1-Apr-2012 to 31-Mar-2013	Payments	1-Apr-2012 to 31-Mar-2013
<b>Opening Balance</b>	<b>75,09,316.59</b>	<b>Fixed Assets</b>	<b>8,20,50,886.00</b>
Bank Accounts	75,09,316.59	Fixed Assets - Engg	7,81,51,082.00
<b>Current Liabilities</b>	<b>81,39,522.99</b>	Fixed Assets - Trans	38,99,804.00
E.G.S.Pillay Arts & Sci. College - Engg	76,39,522.99	<b>Investments</b>	<b>20,89,225.00</b>
E.G.S.Pillay Primary School - Engg	5,00,000.00	E.B.Deposits - Engg	43,725.00
<b>Investments</b>	<b>14,17,160.00</b>	E.G.S.Pillay Poly - Engg	20,45,500.00
E.G.S.Pillay Poly - Engg	14,17,160.00	<b>Current Assets</b>	<b>6,78,60,000.00</b>
<b>Current Assets</b>	<b>9,69,86,888.95</b>	G.S.Pillay&Sons Charitable & Educational Trust-Engg	8,00,000.00
E.G.S.Pillay School - Trans	2,90,374.00	Land Advance - Engg	12,25,000.00
G.S.Pillay&Sons Charitable & Educational Trust-Engg	3,03,00,000.00	Deposits (Asset) - Engg	6,38,00,000.00
Deposits (Asset) - Engg	6,63,25,022.95	Loans & Advances (Asset) - Engg	35,000.00
Loans & Advances (Asset) - Engg	71,492.00	Deposits - Trans	20,00,000.00
<b>Indirect Incomes</b>	<b>12,21,31,399.81</b>	<b>Indirect Incomes</b>	<b>2,61,440.75</b>
Bank Intrest Recivd - Trans	719.00	FD Maturity Intrest Recived - Engg.	69,750.75
Bank SB Intrest Recived - Engg	1,86,977.77	Fees Collection-Trans	1,91,690.00
Caution Deposits Recevied-Engg	5,56,001.00	<b>Indirect Expenses</b>	<b>7,18,03,230.62</b>
FD Bank Interest Recived - Engg	1,61,828.45	Caution Deposits Refund - Engg	8,42,100.00
FD Maturity Intrest Recived - Engg.	15,39,988.09	Fees Refund - Engg	3,29,856.00
Fees Collection-Engg	10,40,30,449.50	Educational Expenses	5,92,57,344.12
Fees Collection-Trans	1,56,19,842.00	Egspillay Transport	1,13,73,930.50
New India Insurance Claime - Trans	35,594.00	<b>Closing Balance</b>	<b>1,22,23,865.44</b>
<b>Indirect Expenses</b>	<b>1,04,359.47</b>	Bank Accounts	1,22,23,865.44
Educational Expenses	1,04,359.47		
<b>Total</b>	<b>23,62,88,647.81</b>	<b>Total</b>	<b>23,62,88,647.81</b>



**E.G.S.Pillay Engg College - (From 1-Apr-2012)**Nagore Main Road,  
Nagapattinam**Educational Exp-Engg**

Group Summary

1-Apr-2012 to 31-Mar-2013

Page 1

Particulars	Transactions	
	Receipts	Payments
40th 1st National Convocation - Engg		3,53,303.00
Advertisement&Printing-Engg		8,13,656.00
AICTE AFFILIATION FEES - ENGG		6,00,089.88
Aicte Staff Proposal(RPS)- Engg		1,04,971.87
Anna University Affiliation Member Ship&Fdp Fees-En		1,48,800.00
Anna University Application Inspection - Engg		2,12,500.00
Anna University Examination Fees C.E.T - Engg		1,575.00
Anna University Examination Fees - Engg		55,97,000.00
Anna University Regestration Regnition Enrolem-Engg		49,636.00
Anna University Remuneration - Engg		1,60,000.00
Anna University TNS Counsiling Fees - Engg		5,000.00
Application Fees to Anna University - Engg		26,000.00
Application of Consuration Self Finance College-Eng		23,500.00
Audit Fees - Engg		36,000.00
Bank Charges - Engg		9,133.05
B.Ed Application Registration Fees - Engg		1,62,250.00
Builbing Tax-Engg		1,35,551.00
Diesel - Eng		4,74,259.00
Donation - Engg		5,000.00
Dote Certificate Verification Fee-Engg		52,540.00
Electricity Charges - Engg		12,24,015.00
Employee Provident Fund-Engg		17,56,916.00
Fire Certificate- Engg		10,000.00
Fish Food - Engg		3,850.00
Founders Day Exp - Engg		1,90,000.00
Garden Develapment - Engg		9,200.00
Guest&Staff Refreshment-Engg		71,600.00
Independents Day Exp - Engg		953.00
Innagration Function - Engg		68,015.00
Insurance-Engg		4,69,512.00
I S O Certificate Verification Fees - Engg		31,854.00
Lab Consumable Goods-Engg		1,17,520.00
Lab Electronics Goods-Engg		12,513.00
Legal Fees - Engg		15,935.00
Library Journal Subscription-Engg		11,56,880.42
Miscellaneous Exp - Engg		2,80,147.00
Office Maintance - Engg		83,099.00
Pooja Exp - Engg		33,250.00
Postage&Courier-Engg		26,080.00
Property Tax-Engg		1,16,776.00
Repair&Maintenance-Engg		1,90,627.00
R O Water Plant - Engg		1,29,633.00
Salary-Engg		3,86,28,968.00
Special Course for Student - Engg		7,41,000.00
Staff Exam Refreshment - Engg		5,85,749.00
Staff Refreshment A/c- Engg		1,51,640.00
Staff Welfare - Engg		35,995.00
Stationery Purchase - Engg		14,70,789.90
Student ID Card - Engg		29,434.00
Student Medical Exp - Engg		98,711.00
<b>Carried Over</b>		<b>5,67,11,427.12</b>

continued ...

**E.G.S.Pillay Engg College - (From 1-Apr-2012)**

Educational Exp-Engg Group Summary : 1-Apr-2012 to 31-Mar-2013

Page 2

Particulars	Transactions	
	Receipts	Payments
<b>Brought Forward</b>		<b>5,67,11,427.12</b>
Student Note Book Purchase- Engg		2,87,443.00
Student Placement Training - Engg		6,93,500.00
Student Pro-E Training-Engg		9,40,010.00
Telephone Charges - Engg.		94,813.00
The Register of Anna University Technology - Engg		7,065.00
The State Co-Ordinated NSS TN - Engg		13,200.00
T N State Council Tech Education - Engg		25,000.00
Travelling Exp - Engg		4,82,186.00
Water Tax Paid - Engg		2,700.00
<b>Grand Total</b>		<b>5,92,57,344.12</b>

**E.G.S.PILLAY ENGINEERING COLLEGE,NAGAPATTINAM-31.03.2014**

<b>RECEIPTS</b>		<b>PAYMENTS</b>	
<b>OPENING BALANCE</b>		<b>INDIRECT EXPENSES</b>	
CITY UNION BANK - 161812 - ENGG	1639.12	<b>FIXED ASSETS</b>	
Kvb Bank 3863 - Engg	610966.30	Air Conditioner-Engg	346300.00
Lvb Bank 4331-Engg	131381.32	Books Purchase - Engg	1983912.27
Lvb Bank 2024-Engg	26150.75	Building Construction-Engg	50279707.00
Lvb Bank - 22 - Engg	5079021.84	Bus Body Built Exp - Trans	3501741.00
Lvb Bank - 34 - Engg	555933.58	Bus Purchase-Trans	5686590.00
Lvb Bank 4343-Engg	345186.13	Xerox Machine - Engg	61464.00
Lvb Bank 4355-Engg	245566.71	Computer&Accessories-Engg	4381468.00
Lvb Bank4367-Engg	1218737.44	Electrical Equipment - Engg	1322859.00
Lvb Bank 4381-Engg	2601478.88	Finger Printer Machine Purchase-Engg	84899.00
Lvb Bank 5076-Engg	32757.73	Fire Exting Uisher Cylinder - Engg	18892.00
Lvb Bank 6024-Engg	6561.94	Furniture & Fittings - Engg	6984338.00
Lvb Bank 7202-Engg	19124.19	ID Card Machine - Engg	131175.00
Lvb Bank - 72 - Engg	73452.77	Inter-Cum - Engg	69780.00
Lvb Bank - 84 - Engg	259347.02	Lab Equipment - Engg	3980607.00
Lvb Bank 1900-Trans	1333.72	Library Books-Engg	557140.00
Lvb Bank - 58 - Trans	1108196.00	Machineries Purchase - Engg	250000.00
	<b>12,316,835.44</b>	Printer - Engg	29525.00
		Sports Equipment - Engg	212884.00
		Ups Purchase-Engg	547484.00
			<b>80,430,765.27</b>
<b>INDIRECT INCOME</b>		<b>FIXED DEPOSITS</b>	
Bank Intrest Recivd - Trans	251.00	Fixed Deposit Lvb - 11508 - Engg	48200.00
Bank SB Intrest Recived - Engg	85337.69	Fixed Deposit Lvb - 11553 - Engg	46700.00
Caution Deposits Recieved-Engg	1405000.00	Fixed Deposit Lvb - 11843-4 - Engg	1000000.00
Egspilay Arts&Scince-Engg	11800000.00	Fixed Deposit Lvb - 11957 - Engg	1500000.00
FD Bank Interest Recived - Engg	62093.61	Fixed Deposit Lvb - 12241- Engg	700000.00
Fd Intrest Recived - Engg	26880.00	Fixed Deposit Lvb - 12578 - Engg	1500000.00
FD INTREST RECIVED - TRANS	23876.34	Fixed Deposit Lvb 12930-Engg	55100.00
FD Maturity Intrest Recived - Engg.	2105988.86		
Fees Collection-Engg	120796797.00		



Fees Collection-Trans	23988869.00			Fixed Deposit Lvb 12943-Engg	2000000.00
Anna universityExam fees collection	10182050.00			Fixed Deposit Lvb-12951-Engg	43600.00
Fixed Deposits Maturity-Engg	6385685.65			Fixed Deposit Lvb-13077-Engg	2000000.00
Gspillaytrust-Engg	20100000.00			Fixed Deposits Lvb - 11494 - Engg	2000000.00
New India Insurance Claime - Trans	30786.00			Fixed Deposit Trans	1500000.00
Poly-Engg	1400000.00			Fixed Deposits Lvb - 11511 - Engg	2000000.00
Salary-Stop Payment-Engg	25370.00			Fixed Deposits Lvb - 11532 - Engg	2000000.00
Tamil Nadu Transport Development Corp - Engg	27191.00			Fixed Deposits Lvb 11763 - Engg	2000000.00
			255,946,176.15	Fixed Deposits Lvb - 11822 - Engg	3000000.00
				Fixed Deposits Lvb - 11843-3 - Engg	1000000.00
				Fixed Deposits Lvb - 11856 - Engg	1000000.00
				Fixed Deposits Lvb - 11864 - Engg	1500000.00
				Fixed Deposits Lvb - 11877 - Engg	2000000.00
				Fixed Deposits Lvb - 11880 - Engg	44400.00
				Fixed Deposits Lvb - 11898 - Engg	2500000.00
				Fixed Deposits Lvb - 11915 - Engg	2500000.00
				Fixed Deposits Lvb - 11936 - Engg	2000000.00
				Fixed Deposits Lvb - 12212 - Engg	2000000.00
				Fixed Deposits Lvb - 12300 - Engg	57100.00
				Fixed Deposits Lvb - 12321 - Engg	57100.00
				Fixed Deposits Lvb - 12397 - Engg	2500000.00
				Fixed Deposits Lvb - 12435 - Engg	3000000.00
				Fixed Deposits Lvb - 12456 - Engg	4500000.00
				Fixed Deposits Lvb - 12502 -Engg	1000000.00
				Fixed Deposits Lvb - 12515 - Engg	57100.00
				Fixed Deposits Lvb - 12624 - Engg	600000.00
				Fixed Deposits Lvb - 12637 - Engg	3000000.00
				Fixed Deposits Lvb - 12682 - Engg	55600.00
				Fixed Deposits Lvb - 12720 - Engg	1500000.00
				Fixed Deposits Lvb - 12738 - Engg	2000000.00
				Fixed Deposits Lvb - 12741 - Engg	2500000.00
					56,764,900.00

					<b><u>LOAN INTEREST TO REPAID</u></b>		
					Loan Interest Paid - LVB	349000.00	
					Sundaram Finance - Trans	962600.00	
					Staff Loan - Engg.	52000.00	
							<b>1,363,600.00</b>
					Professional Tax - Engg	117833.00	
					Reliance Communication Internet Deposit - Engg	286388.00	
							<b>404,221.00</b>
					<b><u>FEES REFUND</u></b>		
					Fees Refund - Engg	355000.00	
					Caution Deposits Refund - Engg	653490.00	
							<b>1,008,490.00</b>
					<b><u>E.G.S.PILLAY ACCOUNTS TRANSFER</u></b>		
					E.G.S Pillay Arts & Sci. College - Engg	1050000.00	
					E.G.S Pillay Poly - Engg	3100000.00	
					E.G.S Pillay Primary School - Engg	150000.00	
					G.S.Pillay&Sons Charitable & Educational Trust-Engg	6700000.00	
							<b>11,000,000.00</b>
					<b><u>EDUCATIONAL EXPENSES</u></b>		
					40th 1st National Convocation - Engg	236530.00	
					Advertisement&Printing-Engg	1958442.00	
					AICTE GRAND REFUND-Engg	33000.00	
					AICTE SEMINAR-PROG-Engg	10000.00	
					Aicte Staff Proposal(RPS)- Engg	10000.00	
					Anna University Affiliation Member Ship&Fdp Fees-En	1360240.00	
					Anna University Application Inspection - Engg	205878.00	
					Anna University Examination Fees - Engg	11474180.00	
					Anna University Registration Recognition Enrolment-Engg	885932.00	
					Anna University Remuneration - Engg	60000.00	
					Application Fees to Anna University - Engg	257500.00	
					Application of Consurason Self Finance College-Engg	10063.00	
					Audit Fees - Engg	77100.00	
					Automobile -Engg	80936.00	



				Bank Charges - Engg	2979.23
				B Ed Application Registration Fees - Engg	28090.00
				Building Tax - Engg	366488.00
				Conference Exprs-Engg	119079.00
				Diesel - Eng	107450.00
				Donation - Engg	180.00
				Dote Certificate Verification Fee-Engg	230255.00
				Electricity Charges - Engg	1618731.00
				EPF - Engg	2138284.00
				Fire Certificate- Engg	63000.00
				Fish Food - Engg	6460.00
				Founders Day Exp - Engg	30700.00
				FTP-REGISTRATION FEES-Eng	7650.00
				Garden Development - Engg	244328.00
				Guest&Staff Refreshment-Engg	36193.00
				I EEE MEMBERSHIP- Engg	56500.00
				Innagation Function - Engg	75454.00
				Insurance-Engg	66924.00
				I S O Certificate Verification Fees - Engg	89600.00
				Lab Consumable Goods-Engg	498199.00
				Legal Fees - Engg	12000.00
				Library Journal Subscription-Engg	241899.00
				Miscellaneous Exp - Engg	832924.00
				NBA Resource-Engg	5000.00
				NSS-Eng	7630.00
				Office Maintenance - Engg	85449.00
				Placement Activity - Engg	333183.00
				Pooja Exp - Engg	73391.00
				Postage&Courier-Engg	61708.00
				Repair&Maintenance-Engg	407839.00
				R O Water Plant - Engg	64343.00
				Salary-Engg	47961046.00
				Special Course for Student - Engg	2770070.00

				Sports&Price&Tornament-Engg	68449.00	
				Staff Activity-Eng	202813.00	
				Staff Exam Refreshment - Engg	497040.00	
				Staff Honouring-Eng	46000.00	
				Staff Welfare - Engg	1550.00	
				Stationery Purchase - Engg	689694.00	
				Student ID Card - Engg	6435.00	
				Student Medical Exp - Engg	5412.00	
				Student Note Book Purchase- Engg	1421126.00	
				Student Placement Training - Engg	4013627.00	
				Student Pro-E Training-Engg	82237.00	
				Telephone Charges - Engg.	67013.00	
				The New India Assurance - Engg	181340.00	
				Transportig Charges Engg	16000.00	
				Travelling Exp - Engg	260324.00	
				Value Added Course-Engg	163220.00	
				Water Charges Paid - Engg	59780.00	
				Wire Less Net Connect - Engg	53675.00	83,137,562.23
				<b>TRANSPORT -EXPENSES</b>		
				Auto Mobiles Purchase-Trans	963867.00	
				Bank Charges-Trans	50.00	
				Battery Purchase - Trans	77120.00	
				Bus Rental - Trans	361610.00	
				Depavali Bonus Trans	83000.00	
				Diesel Expenses-Trans	9594269.00	
				Driver Bata - Trans	16982.00	
				Fees Refund - Trans	17200.00	
				Fire Extinguisher - Trans	17900.00	
				Furniture Fitting Trans	6600.00	
				Insentive-Trans	44175.00	
				Miscellaneous Exp-Trans	372434.00	
				New India Assurance-Trans	1716731.00	



#### 7. DECLARATION BY THE HEAD OF THE INSTITUTION

I certify that the data included in this Self-study Report (SSR) are true to the best of my knowledge.

This SSR is proposed 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.

Place: Nagapattinam

Date: 25/2/15



A handwritten signature in green ink, appearing to read "Dr. S. Ramabalan", with the date "25/2/15" written below it.

Signature of the Head of the Institution

**Dr. S. RAMABALAN, M.E., Ph.D.,**  
Principal

E.G.S. Pillay Engineering College  
Nagapattinam - 611 002.