JAY SHRIRAM GROUP OF INSTITUTIONS

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

DHARAPURAM ROAD | AVINASHIPALAYAM | TIRUPUR – 638 660

www.jayshriram.edu.in

SELF STUDY REPORT

DECEMBER 2015

SUBMITTED TO

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

Nagarbhavi, Bangalore -560072, Karnataka, India

INDEX

Jay Shriram Group of Institutions
(Approved by AICTE New Delhi and Affiliated to Anna University, Chennai)
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PREFACE AND COVERING LETTER

It gives me immense bliss and opportunity to submit the Self Study Report (SSR) of JAY SHRIRAM GROUP OF INSTITUTIONS, Tirupur for the first cycle of accreditation by the National Assessment & Accreditation Council (NAAC).

JAY SHRIRAM GROUP OF INSTITUTIONS, Tirupur, Tamil Nadu, approved by AICTE and Affiliated to Anna University Chennai, was incepted in the year 2009 and is managed by Shenthil Velevan Charitable Trust, Koduvai. This report has been prepared by following the guidelines of NAAC Manual and is a reflection of the academic and administrative functions and activities happening during the past years in the College focusing on different criteria as suggested by NAAC.

It is a venture, which encourages us to examine our strengths, assess our weaknesses, add the opportunities offered in higher education and prepare the challenges that at the forefront.

The report has been finalized with utmost sincerity, honesty and collective effort of the Head of the Departments and faculty members. This accreditation is an institutional activity and thereby each member of the institute has played a vital role in this preparation.

We, at JSRGI, look forward to the visit of the Peer Team from NAAC and believe their insightful observations would help the institute achieve its intended future objectives better.

PRINCIPAL
Dr. R. Maguteeswaran
Principal
JAY SHRIRAM GROUP OF INSTITUTIONS
Dharapuram Road, Avinashipalayam.
Tirupur-638660. Tamilnadu.

EXECUTIVE SUMMARY

Shenthil Velevan Charitable Trust has been started in the year 2008 by four devoted philanthropists with a motive of taking higher education to the village and rural people at all levels of economic platform. The Chairman of the trust, Sri. K.M.Thangharaj is a successful entrepreneur of his own, involving in various segments of business catering from agricultural products to textiles and garments for the past thirty years. The Vice Chairman of the Trust, Sri.T.K.Karuppannaswamy is a kind hearted, soft spoken and broad minded personality. He, as a technocrat, transforms his ideas and thoughts into building world class hydraulic equipments. He has established a hydraulic machinery manufacturing company "BARANI GROUPS OF COMPANIES" in Coimbatore, which earned international reputation. The treasurer of the trust, Sri. M.Govindasamy is a soft, adaptable, principled and courteous personality. He had established various business organizations and running them successfully for the past 30 years. Shrimathi K. Savithri Thangharaj is serving as Director of Jay Shriram Group of Institutions, Tirupur. She is a woman of soft spoken and kind hearted, who wishes her students to enhance their creative skills for achieving the higher quality in technical skills.

Being involved in managing successful business establishments for more than two decades, the members decided to develop the trust with a non profit motive by donating their own hard earned money. As a token of instigation for its humanitarian activities, the trust has decided to start a technical institution to serve the needy rural people in the outskirts of Tirupur, where the number of technical institutions is much less than that of nearby districts at first by four UG departments. The trust has invested profusely on developing the infrastructure such as buildings, laboratories, hostels and necessary amenities beyond the requirements of the University and AICTE. Apart from the promoted technical institution, the trust engages itself in providing free education to the poor and needy students by the way of sponsoring tuition fee. Now the institution is running with five UG and six PG departments having around 2000 students.

SWOC ANALYSIS OF THE INSTITUTION

STRENGTH

1. Management Trustees with industrial background.
2. Motivation and support for extracurricular and co-curricular participations through various clubs.
3. An Enthusiastic and dedicated faculty members.
4. Responsibilities and authorities are delegated to Head of the Departments, which have resulted in a transparent Management.
5. An active Entrepreneurship cell is headed by a senior professor to mould the students as a successful Entrepreneur.
6. Single parent or parentless children are provided with management scholarship every year.

WEAKNESS

1. Faculty members with less industrial experience.
2. Lack of funded projects.
3. Non availability of research center.
4. International Collaboration needs to be addressed.

OPPORTUNITIES

1. Industrial training and Internship training for all students.
2. Support for faculty members research work and publication.
3. Students are provided with add on courses based on industry needs and latest technologies.
4. Providing platform for the students to exhibit their talents and they awarded every year.

CHALLENGES

1. International tie –ups to attract talented research fellows.
2. Changing social and economical scenario leading to unpredictable future.
3. Most of the students are from rural area and Tamil medium, so enhancing their communication skill is a challenging task.
4. Higher bench marks set by the industries reduce the percentage of students entering into the corporate industries for employability.

1. Profile of the Affiliated / Constituent College

1. Name and Address of the College

Name :	Jay Shriram Group of Institutions	
Address :	Dharapuram Road, Avinashipalayam	
City : Tirupur	Pin : 638 660	State : Tamilnadu
Website :	www.jayshriram.edu.in	

2. For Communication

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr.R.Maguteeswaran	0421-2313335	9047098314	0421-2313336	principal @jayshriram.edu.in
Vice Principal	Dr.S.Rajalakshmi	-	9585591408	-	head_cse @jayshriram.edu.in
Steering committee Co-ordinator	Dr.S.Rajalakshmi	-	9585591408	-	head_cse @jayshriram.edu.in

3. Status of the Institution

Affiliated College   √

Constituent College

Any other (specify)

4. Type of Institution

a. By Gender

     i.   For Men

     ii.   For Women

     iii.   Co-education   √

b. By Shift

     i.   Regular   √

     ii.   Day

     iii.   Evening

5. It is a recognized minority institution?

Yes [ ]

No [√]

6.   Sources of funding

Government [ ]

Grant-in-aid [ ]

Self-financing [√]

Any other [ ]

7. a. Date of establishment of the college: 01.05.2008

b. University to which the college is affiliated /or which governs the college

Anna University, Chennai

c. Details of UGC recognition

Under Section	Date, Month & Year	Remarks(If any)
i. 2 (f)	File No: 8-181/2013(CPP-I/C)	-----
ii. 12 (B)	-----	-----

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	Validity	Remarks
AICTE	F.No. Southern/1-2451623042/2015/EOA/Corrigendum-1	28.04.2015	1 Year	NIL
Anna University Chennai	Lr.No.02/AFFLN/CAI/AU/CBE/2015-16/7112	12.05.2015	1 Year	

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 ☑

b. for its performance by any other governmental agency?

Yes ☐   No ☑

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

Location *	Rural
Campus area in sq. mts.	45081.981
Built up area in sq. mts.	23,920.65

11. Facilities available on the campus or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

Auditorium/seminar complex with infrastructural facilities

      Auditorium   : Available with 600 seating capacity

      Seminar Halls   : 5 Halls available with a seating capacity of 300

Sports facilities

      Play ground   : Available

      Swimming pool   : Not Available

      Gymnasium   : Available

Hostel

      Boys' hostel

      i.   Number of hostels   : 1

      ii.   Number of inmates : 150

      iii.   Facilities   : Gym, Reading Room, TV, Internet Wi-Fi, Indoor Games, Modernized Kitchen and Mess Facilities, FM Radio.

      Girls' hostel

i.	Number of hostels	: 1
ii.	Number of inmates	: 80
iii.	Facilities	: Reading Room, TV, Internet Wi-Fi, Indoor Games, Modernized Kitchen and Mess Facilities, FM Radio.

Working women's hostel : Available

Residential facilities for teaching and non-teaching staff : Available

Cafeteria : Available

Health centre : Available

Health centre staff

Qualified Doctor	Full time		Part Time	√
Qualified Nurse	Full time		Part Time	√

Facilities like banking, post office, book shops

ATM Facility available in the campus

Post office available one stop nearer to our campus

Transport facilities to cater to the needs of students and staff

Buses are made available to the students and staff members from various parts of Tirupur District.

Animal house : Not Applicable

Biological waste disposal : Available

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

One generator Available with a capacity of 125 KVA

Solid waste management facility : Not Available

Waste water management : Available

Water harvesting : Available

12. Details of programmes offered by the college (2015-16)

S. No.	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved Student strength	No. of students admitted
1	Under-Graduate	B.E Civil Engineering	4 years	HSC	English	60	56
		B.E Computer Science & Engineering	4 years	HSC	English	60	53
		B.E Electronics & Communication Engineering	4 years	HSC	English	120	106
		B.E Electrical & Electronics Engineering	4 years	HSC	English	60	52
		B.E Mechanical Engineering	4 years	HSC	English	120	126
2	Post-Graduate	M.E Applied Electronics	2 years	B.E	English	18	5
		M.E CAD/CAM	2 years	B.E	English	18	5
		M.E CSE	2 years	B.E/MSc/ MCA	English	18	16
		M.E Power Electronics & Drives	2 years	B.E	English	18	5
		M.E Structural Engineering	2 years	B.E	English	18	18
		Master of Business Administration	2 years	B.E/B.Sc/ B.Com	English	60	51

13. Does the college offer self-financed Programmes?

Yes [√]   No [ ]

If yes, how many? [All]

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

Yes	√	No		Number	5

15. List the departments

Faculty	Departments	UG	PG	Research
Science	-	-	-	-
Arts	-	-	-	-
Commerce	-	-	-	-
Any Other (Specify)	Civil Engineering	√	√	-
	Computer Science & Engineering	√	√	-
	Electronics & Communication Engineering	√	√	-
	Electrical & Electronics Engineering	√	√	-
	Mechanical Engineering	√	√	-
	Master of Business Administration	-	√	-

16. Number of Programmes offered under

a. Annual system

b. Semester system   All

c. Trimester system

17. Number of Programmes with

a. Choice Based Credit System

b. Inter/Multidisciplinary Approach

c. Any other   Semester

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

Yes [ ]   No [√]

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

Yes [ ]   No [√]

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

Positions	Teaching faculty						Non-teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor					
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC / University / State Government *Recruited*	-	-	-	-	-	-	-	-	-	-
Yet to recruit	-	-	-	-	-	-	-	-	-	-
Sanctioned by the Management/ society or other authorized bodies *Recruited*	4	3	8	5	65	50	10	7	15	2
Yet to recruit										

21. Qualifications of the teaching staff

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D.	4	3	-	-	-	-	7
M.Phil.	-	-	1	1	2	16	20
PG	-	-	7	4	63	34	108
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 | Nil |

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

Categories	2012-2013		2013-2014		2014-2015		2015-2016	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	25	18	26	12	33	31	75	65
ST	-	-	-	-	1	-	-	1
OBC	3	1	7	1	3	3	2	6
General	320	152	285	156	254	137	209	92
Others	-	-	-	-	-	-	-	-

24. Details on students enrollment in the college during the current academic year (2015-16)

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is located	384	94	-	-	478
Students from other states of India	02	04	-	-	06
NRI students	-	-	-	-	-
Foreign students	-	-	-	-	-
Total	386	98	-	-	484

25. Dropout rate in UG and PG

BATCH	UG	PG
2010-2014	11%	9%
2011-2015	20%	19.4%

26. Unit Cost of Education

(a) Including the salary component   **Rs.**   **59,995**

(b) Excluding the salary component   **Rs.**   **43,332**

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

Yes ☐   No ☑

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

S.No.	Course	Students Strength	No of Teachers	Student – Teacher Ratio
1	B.E Civil Engineering	266	18	1:15
2	B.E Computer Science & Engineering	227	16	1:15
3	B.E Electronics & Communication Engineering	414	30	1:14
4	B.E Electrical & Electronics Engineering	212	15	1:15
5	B.E Mechanical Engineering	532	36	1:15
6	M.E Applied Electronics	21	2	1:12
7	M.E CAD/CAM	18	2	1:12
8	M.E CSE	36	3	1:12
9	M.E Power Electronics & Drives	14	2	1:12
10	M.E Structural Engineering	34	3	1:12
11	Master of Business Administration	110	8	1:12

29. Is the college applying for?

Accreditation: Cycle 1 [√] Cycle 2 [ ] Cycle 3 [ ] Cycle 4 [ ]

Re-Assessment: [ ]

30. Date of accreditation: Not Applicable

31. Number of working days during the last academic year (2014-15):

> 281

32. Number of teaching days during the last academic year:

> 180

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

IQAC established on 23/10/2013

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

NAAC:

Not Applicable

35. Any other relevant data (not covered above) the college would like to include.

Nil

1.1 Curriculum Planning and Implementation

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

Vision: To impart knowledge and intelligence to younger generation to make them Emerging entrepreneurs and engineers than engineering graduates and technocrats by dissemination of state of the art theory coupled with hands on industrial practice and to develop the institution as a knowledge hub for strong theoretical base and pioneering research to support our Nation.

Mission: We are committed to bring together the world class facilities and brains to infuse the young minds with ethics, human value and environment consciousness besides engineering and technical knowledge to nourish advanced research.

Quality Policy:

➢ To provide value added education in engineering, technology and management by elevating the student community with latest and advanced curriculum, better infrastructure and teaching learning environment.

➢ To adhere to the applicable compliance requirements by University and Regulatory bodies thereby continually improving the quality systems and parental satisfaction levels through a framework of committed team work.

The vision and mission of the institution are communicated to students, parents and Public by:

➢ Display boards at essential places in the campus such as Administrative office, Principal Office, Departments and Library

➢ Institution website

➢ College Prospectus

➢ Students Notebook

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

a)   The Institution has a predefined academic calendar that includes Cycle test schedule, internal test schedule, last working day given by the Anna University and schedule for various departmental level activities like workshops, guest lectures, conferences, etc.

b)   In each semester, subjects are allotted to faculty members according to their willingness and area of interest.

c)   Before the commencement of classes, individual lesson and laboratory plans are prepared for each subject.

d)   Apart from the Anna University Internal test schedule, cycle tests are c o n d u c t e d for the benefit of students.

e)   Seminar and Value added course hours are planned during their semester plan and scheduled to enhance the student's skill.

f)   Apart from regular/traditional teaching methods, faculty members are encouraged to impart the curriculum through innovative teaching   methods such a s presentations, assignments, NPTEL Videos, Guest Lecture and industrial visits.

g)   For slow learners s p e c i a l classes are conducted after the college hours.

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

a)   The lesson plan is prepared according to the syllabus for both theory and practical, text and reference books for core and elective subjects a r e i s s u e d b y t h e i n s t i t u t i o n a s prescribed by the university.

b)   Based on the guidelines of the Anna University required lecture and tutorial periods are allotted for each subject.

c)   For effective teaching methods, the institution provides LCD projectors in each class room.

d)   E-journal downloading facilities are made available in the college digital library.

e)   Wi-Fi internet facility is available throughout the entire campus for free access of journals and other e books like NPTEL Videos etc.

f)   Quality Improvement Cell- QIC as per the guidelines of the Anna University is functioning in our campus effectively.

g)   It is made mandatory that each faculty member is required to attend at least one Faculty Development programme/Seminar/Workshop organized by other universities / institutions for enriching their subject knowledge.

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

a)   The Institution organizes Faculty Development Programmes for preferred subjects for the benefit of faculty members to participate and update their knowledge with latest emerging trends.

b)   Wi-Fi Connection is provided for all faculty members.

c)   Our institution is a member of ICT Academy (ICTACT) which helps in enhancing the skills of the faculty members and upgrading the knowledge of the latest technological developments through training programs.

d)   Special classes are conducted for the weak students after regular classes.

e)   The central library is kept opened upto 7 PM for the benefit of the faculty members and students.

f)   The faculty members are encouraged to share their domain knowledge in front of other faculty members through faculty seminar every week. By this the faculty from other department can understand about the latest technological development.

g)   Faculty members are provided with the accessibility to e-journals, text books, reference books and other technical magazines from the library.

h)   The college motivates the faculty to concentrate on research activities apart from teaching and also sponsors fund for publishing research papers in reputed journals.

i)   Laboratory technicians are also encouraged to pursue higher studies by providing special on-duty.

j)   For improving communication skills, a club "Annora" is functioning and various programs are conducted by English department.

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

a)   All department offers guest lectures and seminars as additional learning activities   by inviting eminent resource persons from Academics/ Industry for regular technology updates.

b)   The Training and Placement cell maintains a good relationship with various   industries.

HR and technical persons from different core and IT companies are invited to interact with the students to make understand about the industrials requirements.

c)   The institution has signed MOU with few industries f o r t r a i n i n g aptitude and technical skills to the students.

d)   The meaningful and relevant suggestions made during the industry institute interaction are used for taking necessary steps to introduce new value added courses for the students.

e)   PEOs (Program Educational Objectives) and POs (Program Outcomes) are framed by all the departments for effective operationalisation of the curriculum.

f)   Both students and teachers used to visit various industries related to their subjects of study and interact with the experts in the concerned field. This also enhances the effective operationalization of the curriculum.

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

The affiliating university has a system in place to get recommendations from its affiliated colleges through Board of Studies. Feedback on curriculum is collected from Students, eminent parents, alumni and industry persons. The given details are reviewed by head of the departments and head of the institution. Required modifications are suggested to the board of studies of Anna University, Chennai for consideration while revising next regulation. Feedback of University question papers are obtained regularly and forwarded to the Principal and the Controller of Examination of the University, if any deviations occurred.

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

The institution is affiliated to Anna University, Chennai and follows the curriculum and syllabi prescribed by the University. The institution cannot frame any new curriculum for any of the courses offered.

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

a) Each course has specific programme objectives and course outcomes

b) The subject knowledge of the students is evaluated through internal assessment tests.

c) Additional coaching classes are arranged for slow learners to have clear understanding of the subject.

d) Model examination is conducted to evaluate the outcome of each course.

e) Eminent academicians and industrial experts are invited for Guest Lectures on certain important topics of the curriculum.

f) Progress of the syllabus coverage and any other issues relevant to the delivery system is obtained from the feedback through class committee meetings.

g) Tutor-Ward system is in place to help the students to overcome the academic / personal difficulties, where 15 to 20 students of each class are monitored by one faculty member who will be responsible for monitoring their ward.

h) The outcomes of the examinations are analyzed and strategic plans are implemented to improve the results.

1.2 Academic Flexibility

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

Apart from these regular courses which are duly affiliated with the Anna University, Chennai, the college also offers certain Value added courses which basically serve the purpose of value addition as below:

S.No.	Department	Academic Year	Course Title	No. of Students Benefited
1	Civil	2012-13	Auto CAD	55
			Revit Architecture	37

			Auto CAD	68
		2013-14	Stad Pro	37
			Auto CAD	68
		2015-15	Revit Architecture	68
			Stad Pro	23
2	CSE	2012-13	C++	43
			Java	37
		2013-14	Java	43
			HTML	62
		2014-15	Cloud Sim	43
			Java	62
			Multimedia	61
			.Net	62
			Website Design	61
3	EEE	2012-13	Embedded System	23
			Mat Lab	30
			Java	18
		2013-14	PCB Designing	67
			Mat Lab	38
		2014-15	PCB Designing	43
			Mat Lab	67
4	ECE	2012-13	Mat Lab	95
			VLSI	78
		2013-14	Mat Lab	117
			VLSI	95
		2014-15	Lab View	112
			VLSI	117

			Mat Lab	112
			Proteus	117
5	MECH	2012-13	AutoCAD	58
			ProE	35
			Ansys	55
		2013-14	AutoCAD	60
			Creo 1.0	65
			Ansys	50
		2014-15	AutoCAD	60
			Creo 1.0	56
			Ansys	64
6	S&H	2012-13	Annora	400
		2013-14	Annora	385
		2014-15	Industrial C	356

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

The institution does not offer programmes that facilitate twinning / dual degree since there is no provision to offer such programmes under the Anna university norms.

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

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

Registration for all core subjects is mandatory. Students enhance their academic capability by following:

➢ Additional lecture hour for difficult subjects.

➢ Guest lecturers given on emerging areas by relevant experts.

- Mini projects and industry oriented final year projects.
- Seminar by students.
- Conducting experiments over and above the syllabus.
- Industrial visits and industrial tours.

List of electives are available in the Anna University curriculum based on the knowledge skill required for the students to adapt the industrial needs. From the list of electives given, students select the subjects based on their field of interest.

For an example, for the academic year 2014-15 the electives offered by the university and opted by the students are given below for the department of Computer Science & Engineering:

Semester	Electives as in Syllabus	Electives Offered
8/ UG	Intellectual Property Rights Graph Theory Information Security Soft Computing Digital Image Processing Software Quality Assurance Distributed Systems Knowledge Based Decision Support Systems Professional Ethics in Engineering Fundamental of Nano Science Indian Constitution and Society High Speed Networks Robotics Software Project Management Quantum Computing Grid Computing Agent Based Intelligent Systems Bio Informatics Speech Processing	Software Project Management Professional Ethics in Engineering
07/ UG	Resource Management Techniques Data Warehousing and Data Mining Real Time Systems TCP/IP Design and Implementation	C# and .Net Framework Data Warehousing & Data Mining

	Natural Language Processing	
	User Interface Design	
	Service Oriented Architecture	
	Advanced Operating Systems	
	C# and .NET Framework	
	Cryptography and Network Security	
	Systems Modeling & Simulation	
	Total Quality Management	
	Network Programming and Management	
	Software Testing	
	Wireless Networks	
06/ UG	UNIX Internals Numerical Methods Embedded Systems Advanced Database Technology Knowledge Management High Performance Microprocessors Multicore Programming Visual Programming Advanced JAVA Programming Parallel Programming Web Technology	Unix Internals Knowledge Management Web Technology
01 / PG	Formal Models of Software Systems Performance Evaluation of Computer Systems Probabilistic Reasoning Systems Data Analysis and Business Intelligence Image Processing and Analysis Sensing Techniques and Sensors Randomized Algorithms Mobile and Pervasive Computing Parallel Programming Paradigms Software Requirements	Image Processing & Analysis Software Requirement Engineering

	Engineering Speech Processing and Synthesis Machine Learning Techniques	
02/ PG	Concurrency Models Real Time Systems Computer Vision Network and Information Security Design and Analysis of Parallel Algorithms Software Architectures Model Checking and Program Verification Embedded Software Development Cloud Computing Data Visualization Techniques Protocols and Architecture for Wireless Sensor Networks Language Technologies	Network Information & Security Cloud Computing
03/ PG	Social Network Analysis Managing Big Data Mobile Application Development Bio-inspired Computing Medical Image Processing Software Design Reconfigurable Computing Energy Aware Computing Information Retrieval Techniques Data Mining Techniques Bio Informatics Software Quality Assurance Multiobjective Optimization Techniques Enterprise Application Integration Information Storage Management	Software Design Data Mining Techniques Enterprise Application Integration

	Robotics Compiler Optimization Techniques	

b)   **Choice Based Credit System**   **– NA**

c)   **Courses offered in modular form**   **– NA**

d)   **Credit transfer and accumulation facility** **– NA**

e)   **Lateral and vertical mobility within and across programmes and courses**

No provision is provided by the University

f)   **Enrichment courses**

To bridge the industry institute gap various value added courses are offered for updating the knowledge of the students as mentioned in the section 1.2.3. The Training and Placement cell conducts various Skill Development training courses for the benefit of students (Refer section 1.2.5).

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

YES, this is a Self Financed Institution

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

SKILL DEVELOPMENT PROGRAMS

CIVIL ENGINEERING

S.No.	Academic Year	Date/ Peroid	Trainig Details	Training Agency
1	2012-13	19.08.12 & 26.08.12	Aptitude	Mr.Bala SAS Academy, Pollachi
		13.09.12	Technical	Internal Training
		15.09.12	Technical	Internal Training

		08.10.12 to 13.10.12	STADD PRO	CADD Center Coimbatore
		24.12.12 to 31.12.12	Inplant Training	Construction Company Under Coimbatore & Tirupur Civil Engineering Association
		27.01.13 & 28.01.13	GD and Mock Interview	Internal Faculty Members
		18.02.13 to 23.02.13	3-MAX	CADD Center Coimbatore
2	2013-14	12.07.13	Technical	Guest Lecture
		18.08.13 & 25.08.13	GD and Mock Interview	Internal Faculty Members
		04.11.13 To 09.11.13	Revit Architecture	CADD Center Coimbatore
		18.12.13 To 27.12.13	Inplant Training	Construction Company Under Coimbatore & Tirupur Civil Engineering Association
		20.01.14 To 25.01.14	AUTOCAD	CADD Center Coimbatore
		19.02.14 & 20.02.14	Aptitude	Mr.Bala SAS Academy, Pollachi
3	2014-15	05.09.14 12.09.14 & 19.09.14	Aptitude	Mr.Bala SAS Academy, Pollachi
		29.09.14 To 01.10.14	Revit Architecture	Internal Faculty Members
		22.10.14 & 23.10.14	GD and Mock Interview	Internal Faculty Members
		17.11.14 To 22.11.14	STADD PRO	Internal Faculty Members
		17.12.14 To 24.12.14	Inplant Training	Construction Company Under Coimbatore & Tirupur Civil Engineering Association
		06.01.15 to 10.01.15	AUTOCAD	Internal Faculty Members

		16.02.15 & 17.02.15	Technical	Internal Faculty Members
		11.03.15 To 12.03.15	Bridge Design and Fabrication	Civil Simplifies

COMPUTER SCIENCE AND ENGINEERING

S.No.	Academic Year	Date/ Peroid	Trainig Details	Training Agency
1	2012-13	15.09.12	PHP	Mr.Asaithambi, Rooman Technologies, Chennai
		18.02.13	Recent Advances in IT	Mr.Rajkumar Robert Bosch
		27.02.13	Advanced Network Security	Personalities from HCL
2	2013-14	22.07.13	Aptitude	Mr.Aravind
		26.07.13	Soft skills	Mr. Joel Jesu Roy RVS Group of Institutions, Sulur
		01.08.13 to 05.08.13	.Net	Ms.Hemalatha ACCET, Coimbatore
		06.08.13 to 10.8.13	Testing	Mr.Mathyalagan ACCET, Coimbatore
		23.01.14	Cloud Sim	Dr.S.Gunasekaran HOD/CSE, CIET, Coimbatore
3	2014-15	08.07.14	Placement Orientation	Soft Drizzle Private Ltd
		15.07.14	Java & its applications	Mr.Andrew, Sri Krishna I-tech, Coimbatore
		22.07.14	Aptitude	Mr.Bala SAS Academy, Pollachi
		04.08.14 to 05.08.14	Aptitude Training	Mr.Thanikachalam Aptitude Trainier
		06.10.14 to 11.10.14	Web Designing & PHP	Arunvarman, Edigita Technologies, Coimbatore

S.No.	Academic Year	Date/Peroid	Trainig Details	Training Agency
		20.08.14	Android Application	Mr.Navaneeth Crisp Systems, Coimbatore
		27.08.14	Hadoop Tool	Mr.Baranitharan, AP/CSE SREC, Coimbatore
		22.12.14 to 31.12.14	C & C++ Training	Ms.K.Dhivya, DOD Training Academy, Coimbatore
		20.01.15 to 22.01.15	ASP .NET	Mr.J.Sathis, Poras technologies, Coimbatore

ELECTRONICS AND COMMUNICATION ENGINEERING

S.No.	Academic Year	Date/Peroid	Trainig Details	Training Agency
1	2012-13	04.10.12 to 06.10.12	Soft Skills & Aptitude	Mr.Ram Smart Training Resource India Pvt.Ltd,Coimbatore
		27.09.12	Workshop	Ms.Kavitha,Ms.Anjali Coimbatore
		12.12.12	PCB Design	Mr.S.Sundramoorthy
		03.02.13	Ardunio Controller Application	Mr.S.Meivel, Asst.Prof,JS
		13.02.13 to 14.02.13	Antenna Types and its application Using FEKO software	Mr.Swpnil Kulkarni, DRDO Delhi
2	2013-14	26.07.2013	Soft skills	Mr. Joel Jesu Roy, Placement Trainer , RVS
		06.08.13 to 10.08.13	Testing	Mr.Mathyalagan, MD., ACCET,
		22.07.13	Aptitude	Mr.Aravind, Aptitude

		22.08.13	Skill Development Training	Ms.Rajendran, VEE EEE Explore,Coimbatore
		24.01.14	Embedded System Design in VLSI Technology (Workshop)	Mr.K.Logeshwaran, Senior software Engineer, Embegins Technology, Namakkal
		04.01.14	Network Fundamental	Mr.R.Karthick & Mr.Sai Pradeep Asst.Profs.Dr.NGP college of Technology, Coimbatore.
		24.07.14	Workshop	Mr.Murugesan, Jay Electronics, Kangeyam.
3	2014-15	04.08.14 to 05.08.14	Aptitude	Mr.Thanikachalam Aptitude Trainer
		23.07.14 to 25.07.14	Communication	Mr.Bala, SAS Academy
		21.08.14 to 22.08.14	Skill Development Training (Workshop)	Mr.Don Deoues & Mr.Mrigesh Pandy, Senior Research Engg, Robosapine Technology Pvt. Ltd, Delhi
		30.12.14	MATLAB	Mr.Rijo Jackson Dom Aattral Academy, Coimbatore
		13.02.15 to 14.02.15	Embedded System Design using ARDUNIO Platform	Prof.R.Veeramani KSR College of Engineering
		19.01.15 to 20.01.15	PCB Design	Mr.E.Murugan, R&D Engineer Arche Biologics Mr.Gopal Embedded Engg, STEPS Knowledge Service

ELECTRICAL AND ELECTRONICS ENGINEERING

S.No.	Academic Year	Date/ Peroid	Trainig Details	Training Agency
1	2012-13	06.10.12	Power Quality Improvements	Mr. S.Selva Kumar ABB Global Industries Limited.

S.No.	Academic Year	Date/ Peroid	Trainig Details	Training Agency
2	2013-14	22.07.13	Aptitude	Mr.Thanikachalam Aptitude Trainer
		22.07.13	Aptitude	Mr.Aravind
		26.07.13	Soft skills	Mr. Joel Jesu Roy RVS Group of Institutions, Sulur
		01.08.13 to 05.08.13	.Net	Ms.Hemalatha ACCET, Coimbatore
		06.08.13 to 10.08.13	Testing	Mr.Mathyalagan ACCET, Coimbatore
		20.09.13	Embedded System and Design	Mr.S.Yusufraja
3	2014-15	22.07.14	Aptitude	Mr.Bala SAS Academy, Pollachi
		21.08.13 to 24.08.14	PLC	Mr.V.Parthipan, Signal Control In-Charge, Southern Railway
		20.02.14	Grid Management	Mr.I.Nedumaran Chief Manager, Neyveli Lignite Corporation Limited
		05.01.15 to 08.01.15	PLC	Mr.V.Parthipan, Signal Control In-Charge, Southern Railway

MECHANICAL ENGIEERING

S.No.	Academic Year	Date/ Peroid	Trainig Details	Training Agency
1	2012-13	22.06.12 to 29.06.12	Aptitude	Mr. Bala SAS Academy, Pollachi
		19.08.12	Technical	Barani Hydraulics India Pvt. Ltd.,
		26.08.12	Technical	Barani Hydraulics India Pvt. Ltd.,
		12.09.12 & 14.09.12	Mock Online Test	Internal Faculty Members

		13.09.12 & 15.09.12	GD and Mock Interview	Internal Faculty Members
2	2013-14	01.07.13 To 12.07.13	Aptitude	Mr. Bala SAS Academy, Pollachi
		11.08.13	Technical	Barani Hydraulics India Pvt. Ltd.,
		18.08.13	Technical	Barani Hydraulics India Pvt. Ltd.,
		25.08.13	Technical	Barani Hydraulics India Pvt. Ltd.,
		24.09.13 & 26.09.13	Mock Online Test	Internal Faculty Members
		16.09.13 & 18.09.13	GD and Mock Interview	Internal Faculty Members
3	2014-15	25.06.14 To 12.07.14	Aptitude	Mr.Bala SAS Academy, Pollachi
		10.08.14	Technical	Barani Hydraulics India Pvt. Ltd.,
		17.08.14	Technical	Barani Hydraulics India Pvt. Ltd.,
		24.08.14	Technical	Barani Hydraulics India Pvt. Ltd.,
		18.09.14 & 20.08.14	Mock Technical Written Test	Internal Faculty Members
		25.09.14 & 26.09.14	GD	Internal Faculty Members

MASTER OF BUSINESS ADMINISTRATION

S.No.	Academic Year	Date/ Peroid	Trainig Details	Training Agency
1	2012-13	21.06.12 to 29.06.12	Verbal training	Placement Team
		03.07.12 to 06.07.12	Marketing Methods	Iris HR Management Consultancy
		01.08.12	Outbound	Gateway Management

		Training	
		21.08.12 to 23.08.12	Personality development	Placement Team
		16.10.12 to 18.10.12	Special Training for TNPSC exams	Synergy Study Centre Tirupur
		28.01.13	Presentation Techniques	Placement Team
		05.02.13 to 08.02.13	Soft Skills Training	Placement Team
		24.02.13	C A Training	HBS Associates
		11.03.13 to 13.03.13	Bank coaching	Students Academic Success
		16.04.13 to 17.04.13	Mock GD and Interview	Placement Team
2	2013-14	19.07.13 to 26.07.13	Soft Skills Training	Placement Team
		11.07.13	Outbound Training	Gateway Management
		29.07.13 to 30.09.13	Bank coaching	Students Academic Success
		03.10.13 to 05.10.13	Mock GD and Interview	Placement Team
		09.10.13	Accounting Standards	HBS Associates
		20.01.14 to 24.01.14	Verbal training	Placement Team
		24.03.14 to 29.03.14	Special Training for TNPSC exams	Synergy Study Centre Tirupur
3	2014-15	16.06.14 to 15.10.14	Bank coaching	Students Academic Success
		20.07.14	Outbound Training	Picasso
		01.09.14 to 10.09.14	Special Training for TNPSC exams	Synergy Study Centre Tirupur

		16.06.14 to 15.10.14	Mock GD and Interview	Placement Team
		19.01.15	Verbal training	Placement Team
		22.01.15	Stock Market Training	way2wealth management
		04.02.15	C A Training	HBS Associates
		25.03.15	Soft Skills Training	Placement Team

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

No, such provision is not given by the Affiliating University.

1.3 Curriculum Enrichment

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

To achieve the Vision and Mission of our institution with that of the academic programmes, the institution provides additional inputs to face the current trends in competitive areas. The institution supplements the University's curriculum by conducting following academic programmes:

a)   Inclusion of content beyond topics in the lesson plan.

b)   Value added Courses.

c)   Guest lectures.

d)   Technical and Subject Seminars.

e)   Workshops and conferences.

f)   In-Plant Training & Internships.

g)   Industrial visits

h)   Placement Training.

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

Skill Development trainings are conducted by the Training and Placement Cell of the institution as mentioned in the section 1.2.5. The cell continuously interacts with the HR managers and corporate personalities of various companies to discuss about their demand and skill set needed for the students. Regular soft skill, analytical and technical training for students are conducted by the institution. The Eminent Persons from the MNC's are made to interact with the final year students to know the real industrial scenario.

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

The curriculum prescribed by the Anna University, Chennai, includes subjects on Environment engineering, Professional ethics & human values and disaster management.

Women Empowerment Cell comprises a team of senior female faculty members to attend the grievances from women employees and girl students on the gender discrimination and harassment, if any. The cell also conducts various awareness programs among the students on women harassment, motivations and various health issues and also motivates to celebrate International Women's Day every year by organizing various empowerment competitions.

Other than WEC, various clubs are formed such as Eco Club, Social Responsibility Club, Fine Arts and Humorous Club, National Service Scheme, Red Ribbon Club etc.,

To integrate ICT into the curriculum, the institution is a member of ICTACT where they train the faculty members in recent domains by organizing FDP's and also the institution has Technology Business Incubation Cell (TBIC) where the students and faculty members are put together for the product development with respect to the industry needs.

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

Moral and Ethical Values

The Anna University curriculum offers an exclusive subject Professional ethics and Human Values which prepares the students to practice proper ethical, moral and professional standards.

A Yoga program on Vivekananda ideas about Yoga has been conducted for the first year students on 12.01.2014 by Mr.Senthilnanthan, Head- Vivekananda Sevalayam, Poondi.

World International Yoga day was celebrated on 22.01.2015 and Yoga Class was conducted for the faculty members and students by Mr.N.Perumal, Yoga Staff, MKG Arivuthirukovil, Tirupur.

A youth yoga Camp was organized for the students on 22.06.2015 by Mr.K.Madankumar, Zone Incharge, Temple of Consciousness, Tirupur.

Employable and Life Skills

To improve team building and organizational skills of the students, they are engaged with the different responsibilities in organizing various events and activities such as cultural programmes, competitions, seminars, workshops, department association events etc.

Better Career Options

To enhance the student's Soft and Technical skills the below listed programs are conducted regularly by Training and Placement Cell:

a)   Personality development program.

b)   Program for improving communication skills, leadership quotient, aptitude, Group Discussion and Interview Behaviour.

Community Orientation

The institution has a team with NSS officer to regularly visit surrounding areas and villages where people are provided awareness on various social, moral, ethical principles and ways of life. NSS team of the college participates in community services/development activities like organizing blood donation camp, seminars about organ donation periodically.

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

Feedbacks on curriculum through questionnaires are obtained from the stake holders

namely students, senior faculty members, eminent parents and experts from the industries.

The relevant and the meaningful suggestions are forwarded to the Chairman of the Institution and Governing Council for favorable consideration.

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

a. Through feedback and class committee meeting

b. Through corrective action based on feedback

c. Through peer review sessions

1.4 Feedback System

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

Being an Anna University, Chennai affiliated institution, the curriculum is designed by the Anna University Chennai. Besides the institution has the practices of interaction with eminent personalities through our Industry in order to access the domain specific skills required by the industries.

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

YES, Semester wise feedback system and periodic class committee meetings provide a platform for the students to express their opinion about the curriculum and they are communicated to the university through faculty, exam cell and the Principal.

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

Additional courses have been included in the engineering programme to keep pace with changing needs of the industry.

The following are the various post graduate programmes started during the past four years:

COURSES	PROGRAMMES
Master of Engineering	Computer Science and Engineering Applied Electronics Power Electronics and Drives Structural Engineering CAD/CAM

CRITERION II: TEACHING - LEARNING AND EVALUATION

2.1   Student Enrolment and Profile

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

Advertisement in Newspapers

➤   The institution releases advertisement in the leading regional newspapers about the various courses offered, facilities available, scholarships details and placement details.

➤   Advertisement for admissions is given by placing the banners in various cities and rural areas.

Carrier guidance programme

➤   "Vetrikku Vazhi" is conducted every year in the college premises for school students to provide awareness and opportunities in their higher studies.

College Prospectus

➤   In college website, the brochure is available which gives all the details and facilities offered by the college.

Participation in Educational Fairs

➤   Our institution actively participates in various educational fairs conducted by various society welfare teams at various places in Tamilnadu, so that the details about the institution are known to the visitors coming from various places.

College Alumni

➤   Alumni of our college also provide information about our institution to the school students who are near to them.

Project expo

➤   Our institution conducts Project Expo every year in the name of **"NOVA"**. School and College students are invited to enhance their practical knowledge. During their visit they know about our college facilities, courses offered, placement details, etc.

Admission Cell

➤   A separate admission committee has been formed to carry out the admission process for management and government quota seats.

2.1.2 Explain in detail the criteria adopted and process of admission to various programmes of the institution.

For UG Admissions

> HSC Result ---- Checking Eligibility ---- Counseling Application ---- Counseling Card ---- seat allotment.

➢ Admission is based on the marks obtained by the students in their higher secondary or equivalent examinations and the required minimum percentage of marks are

Categories	HSC (Academic)	HSC (Vocational)
General	Minimum average of 50 % and above in Maths, Physics and Chemistry.	Minimum Average of 50 % and above in the related subjects, Vocational theory Subject and practicals.
BC/BC (Muslims)	Minimum average of 45 % and above in Maths, Physics and Chemistry.	Minimum Average of 45 % and above in the related subjects, Vocational theory Subject and practicals.
MBC & DNC	Minimum average of 40 % and above in Maths, Physics and Chemistry.	Minimum Average of 40 % and above in the related subjects, Vocational theory Subject and practicals.
SC/SCA/ST	Minimum average of 35 % and above in Maths, Physics and Chemistry.	Minimum Average of 35 % and above in the related subjects, Vocational theory Subject and practicals.

➢ Management quota through the consortium of self-financing colleges in Tamilnadu.

For PG Admissions

➢ For PG programmes, a common entrance test is conducted by the Government / Consortium of self finance colleges. The admission is done based on the score obtained by the student in the entrance test. In addition to this, the student must secure the minimum of 50% marks in the UG course.

➢ Consortium test is conducted to scrutinize the students for the admission process of management quota for post graduate courses.

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

Our College offers various under graduate programs as follows:

B.E., Computer Science and Engineering

B.E., Civil Engineering

B.E., Electronics and Communication Engineering

B.E., Electrical and Electronics Engineering

B.E., Mechanical Engineering

Admission 2013 – 14

S.No	Program	Cut off Marks	
		Maximum	**Minimum**
1	Computer Science Engineering	183.25	93.25
2	Civil Engineering	184.00	80.00
3	Electronics and Communication Engineering	194.00	86.25
4	Electrical and Electronics Engineering	178.50	82.25
5	Mechanical Engineering	176.00	106.75

Admission 2014 – 15

S.No.	Program	Cut off Marks	
		Maximum	**Minimum**
1	Computer Science Engineering	194.50	82.75
2	Civil Engineering	186.25	95.00
3	Electronics and Communication Engineering	190.00	86.00
4	Electrical and Electronics Engineering	186.75	84.25
5	Mechanical Engineering	194.25	80.25

Admission 2015 – 16

S.No.	Program	Cut off Marks	
		Maximum	**Minimum**
1	Computer Science Engineering	186.00	84.50
2	Civil Engineering	189.50	94.00
3	Electronics and Communication Engineering	190.25	87.25
4	Electrical and Electronics Engineering	187.50	78.75

5	Mechanical Engineering	182.25	100.80

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

➢ As the Engineering Admission process is governed by the Director of Technical Education, institution follows rules, regulations and guidelines framed by the state government.

➢ Our institution has an admission team, which is responsible to review the admission process annually. The admission team of the institution collects the details of admitted students and categorize the students based on the following:

> ➢ Academic background
> ➢ Economic Status
> ➢ Location

Outcomes

As results of these activities the admission team can improve the a w a r e n e s s in rural areas which are not focused in the previous year. The college has noticed a continuous growth of students in both academics and discipline.

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

➢ SC/ST
➢ OBC
➢ Women
➢ Differently Abled
➢ Economically weaker sections
➢ Minority community
➢ Any other

The community reservation is strictly followed as per the government of Tamil Nadu and the students are allotted through single window system to all the categories. The percentages of allocation of seats for communal wise by the government are as follows:

S.No	Community	% of Intake
1	Open competition	31.0%
2	Backward class	26.5%
3	Backward class Muslim	3.5%
4	Most Backward Class and Denotified	20.0%
5	Scheduled Caste	15.0%
6	Scheduled Caste (Arunthathiyars)	3.0%
7	Scheduled Tribes	1.0%

SC/ST, OBC

As per the government norms, the candidates from SC/ST and OBC communities are given priority in admissions. They are admitted through government and management quota. Scholarships are provided for them to support their financial issues.

Scholarship details for SC/ST and OBC students

Academic Year	No. of students benefitted	Total Scholarship Amount in Rs.
2014-15	154	58,90,000
2013-14	92	36,45,000
2012-13	33	8,12,500
2011-12	4	40,390

Women

➢ Transport facility

➢ Hostel facility

➢ Women development cell

➢ Separate dining hall for day scholars and hostel students.

Economically weaker sections:

The Government provides scholarship for economically weaker section students like ulavar card scholarship, BC Scholarship, MBC scholarship etc. details are given in the following table:

Scholarship details for BC/MBC students

Academic Year	No. of students benefitted	Total Scholarship Amount in Rs.
2014-15	896	36,43,785
2013-14	375	15,19,105
2012-13	189	7,32,710
2011-12	222	7,51,340

Minority community

In Anna University counseling system, as per government norms, certain percentage of seats are reserved for students of minority community.

Any other (First generation graduates/Rural students)

For first generation graduates our state bears Rs.20,000/- of the total tuition fee payable every year to the student. The money is disbursed around the end of every calendar year. To give a fair chance to the students from rural areas, Tamilnadu Government has the admission criterias only by the marks scored in the qualifying examination.

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

Academic Year 2013 – 14

S.No	Degree	Programmes	Number of Applications	Sanctioned Intake	Number of Students Admitted	Demand Ratio
1	UG	B.E-Civil Engineering	148	60	63	100
2		B.E-Computer Science Engineering	227	60	54	90
3		B.E-Electronics And Communication Engineering	222	120	106	88
4		B.E-Electrical And Electronics Engineering	101	60	41	68
5		B.E-Mechanical Engineering	320	120	118	98
1	PG	M.E-Applied Electronics	28	18	18	100

S.No	Degree	Programmes	Number of Applications	Sanctioned Intake	Number of Students Admitted	Demand Ratio
2		M.E- Computer Science Engineering	31	24	24	100
3		M.E-CAD/CAM Engineering	-	-	-	-
4		M.E-Power Electronics And Drives	33	24	24	100
5		M.E-Structural Engineering	-	-	-	-
6		MBA – Master in Business Administration	145	120	81	68

Academic Year 2014 –15

S.No	Degree	Programmes	Number of Applications	Sanctioned Intake	Number of Students Admitted	Demand Ratio
1		B.E-Civil Engineering	144	60	62	100
2		B.E-Computer Science Engineering	132	60	44	73
3	UG	B.E-Electronics And Communication Engineering	142	120	82	68
4		B.E-Electrical And Electronics Engineering	100	60	46	77
5		B.E-Mechanical Engineering	223	120	112	93
1		M.E-Applied Electronics	30	18	17	94
2		M.E- Computer Science Engineering	43	24	21	88
3	PG	M.E-CAD/CAM Engineering	22	24	14	58
4		M.E-Power Electronics And Drives	20	24	12	50
5		M.E-Structural Engineering	28	24	21	88
6		MBA – Master in Business Administration	128	120	60	50

Academic Year 2015 – 16

S.No	Degree	Programmes	Number of Applications	Sanctioned Intake	Number of Students Admitted	Demand Ratio
1	UG	B.E-Civil Engineering	134	60	57	95
2		B.E-Computer Science Engineering	144	60	55	92
3		B.E-Electronics And Communication Engineering	227	120	109	91
4		B.E-Electrical And Electronics Engineering	102	60	53	88
5		B.E-Mechanical Engineering	255	120	126	100
1	PG	M.E-Applied Electronics	16	18	5	28
2		M.E- Computer Science Engineering	21	18	16	89
3		M.E-CAD/CAM Engineering	17	18	5	28
4		M.E-Power Electronics And Drives	17	18	6	33
5		M.E-Structural Engineering	21	18	18	100
6		MBA – Master in Business Administration	92	60	56	93

2.2 Catering to Student Diversity

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

➢ The institution strictly follows the reservation rules of the government of Tamil Nadu engineering admission for differently abled students.

➢ The institution has arranged special infrastructures like ramp structure, specially designed wash rooms and a class room at ground floor for such students.

➢ All the facilities for the differently abled students are provided by the institution and so far, no such student joined the institution.

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

➢   YES, the institution assesses the student's needs in terms of knowledge and skills before the commencement of the programme.

➢   Induction programme is conducted with eminent speaker from various organizations to motivate the students to face the challenges in their engineering streams.

➢   After reopening of first year and lateral entry students, two days orientation program is conducted to identify the knowledge gap between the students and their requirements. It is generally an interactive session.

2.2.3   What are the strategies drawn and deployed by the institution to bridge the knowledge gap of the enrolled students to enable them to cope with the programme of their choice?

➢   The institution conducts bridge courses to all the first year students to develop their communication skill, basics of engineering mathematics and sciences in the specific engineering stream. For Diploma holders who join through lateral entry scheme generally faces the troubles to solve the Engineering Mathematical problems which lead to affect their performance in other engineering subjects. Hence bridge classes for engineering mathematics are organized to enhance their mathematical skills.

➢   Also coaching classes for specific subjects are conducted after the college working hours or weekend during the academic programme to improve the students performance and confidence level.

➢   Value added courses are conducted to all the department students to enrich their software skills.

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

➢   The institution organizes various programs to create awareness on gender by celebrating international women's day through women's development cell.

➢   NSS camps are organized for the students every year. Social issues and plantation of trees are given importance during the camps.

➢ Blood donation camp is organized by NSS frequently. The students come forward and donate blood for the benefit of the public.

➢ Regular medical checkup for the staff members are conducted by YRC every year for the benefit of faculty members.

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

➢ The faculty members identifies the requirement of the advanced topics and give lectures on the topics in the regular class.

➢ The students are encouraged to present their innovative ideas in conferences and publish it in National and International Journals and Conferences to gain knowledge in the advanced topics.

➢ The students are encouraged to do projects and mini projects in the advanced topics under the guidance of the faculty members. Every year we are conducting inter and intra college Project Expo (NOVA) to present their models.

➢ Display of their photograph and print their names in the news letter /Magazine so as to motivate them to endure their level and also to motivate the other students to take example of these students.

➢ The institution organizes guest lectures for critical subjects by experts from other institutions.

➢ Industry peoples are brought to enrich the industry institution relationship and also to share their advanced technologies.

➢ The training programs on AutoCAD, GIS, Total station and Staad Pro, Android, Software, PLC, MATLAB etc are organized in semester vacations and certificated.

➢ Special GATE and GRE coaching for advanced learners is given by concerned faculty. GATE preparation coaching software is installed and also the students can avail gate books in library.

➢ Internet Wi-Fi facility and E-Journals in library are available to access and enrich their knowledge in advanced technology.

2.2.6 How does the institute collect, analyze and use the data and information on the academic performance of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically

weaker sections etc. who may discontinue their studies if some sort of support is not provided)?

➢   The evaluation system of the institution greatly supports to collect the complete data of the student's academic performance in cycle test, periodical test, model exams and university exams. Based on the collected data, HODs, class advisors and staff members identifies the slow learner category students. To improve their performance remedial actions are taken.

➢   Question bank is prepared for all the subjects and given to the slow learners.
The previous year question papers are given to them. The faculty members prepare answer key for the internal test and discussed it in the classes. Special care is taken for the failures in the internal exams by conducting evening classes. Assignments are also given for these students.

➢   Economically weak sections are supported by the management to obtain different scholarships from government and various trusts. The institution provides facility to students to pay their fees in installments. The management also provides fee concession to deserving economically weaker students.

➢   Special classes are conducted for the slow learners and arrear students.

➢   No candidates were discontinued their studies due to lack of supports.

2.3.   Teaching-Learning Process

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

Academic Calendar

Before the beginning of each semester, the head of the departments discuss and prepare the academic calendar with the approval of principal. The academic calendar clearly defines the details of reopening date of semester, working days, holidays, cycle test, periodical test and inauguration of department associations. The calendar is circulated to all the faculty members and students.

Lecture Plan

The concerned faculty for each subject prepare a detailed lecture plan consisting of the syllabus, proposed date of completion of the unit, actual date of completion, deviation if any and the reason for the same.   It also provides the information about the teaching aids followed, the text books and the reference books.

- Before the beginning of each semester, Heads of the Departments conduct department meeting to allocate subject to their faculty based on their preferences as well as specialization and subsequently subject allocation list is prepared.
- The faculty prepares a detailed course file which includes Syllabus, Staff timetable, Lecture Plan, Notes and other study material, previous year university question papers, PowerPoint presentations, question bank, etc., in concurrence with the college academic calendar.
- The course file is evaluated by concerned Head of the Department and Principal.

Evaluation

- The institution conducts three cycle test, two periodical test, assignments and model exam to evaluate the student's academic performance. After the completion of each test, it is evaluated within two working days then it is displayed to students view. For failure candidates and absentees remedial action are taken by the concern faculty as either retest or assignment. Internal assessment marks are calculated based on the results obtained from the above tests along with the attendance.
- For practical laboratory classes, a detailed laboratory manual pertaining to each laboratory is prepared well in advance and circulated among the students. These manuals include a detailed explanation about the various experiments of the corresponding laboratories. It also includes viva-voce questions related to the laboratory. At the end of each term, continuous evaluation of students is conducted which includes mock viva voce and model laboratory tests.
- For university examinations, the University announces the examination schedules for all affiliated colleges through University website. The question paper preparation for all the courses is assigned by the controller of examination of the University to the experienced faculty members. The University conducts the examinations through zonal office. After completion of examination the answer scripts are handed over to the zonal office through the university representative. The Zonal office arranges for evaluation of answer scripts and publication of results. Results are published after the clearance by University result passing board.

Blue Print for Examinations

Internal Examinations

1. Cycle Test: (25 Marks)

    Part A contains 5 questions each carries 2 marks

    Part B contains 1 question carries 15 marks

2.   Periodical Test (50 Marks)

Part A contains 10 questions each carries 2 marks

Part B contains 3 questions each carries 10 marks

3.   Model Exam

Part A contains 10 questions each carries 2 marks

Part B contains 5 questions each carries 16 marks

University examinations

Part A contains 10 questions each carries 2 marks

Part B contains 5 questions each carries 16 marks

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

➢   IQAC is considered to be one of the indispensible to improve the quality and standards for various academic and administration activities.

➢   These activities satisfy the expectations from the contemporary industries across the globe. It also promotes self – learning among the studies. Faculty should upgrade their expertise in their concerned areas

➢   Both faculty and students can use NPTEL videos which are composed by IIT professors to enrich their knowledge. It also provides various CDs from DOTE, which is used in Bridge courses to fulfill the gap.

➢   As in Engineering, Communication speaks a great role, to improve the communication skill among the students, Spoken Tutorials are used.

➢   Student can self learn the various courses practically through MOOC course. It introduces novel teaching learning methods and also take efforts to implement the same.

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

➢   Once the new faculties are recruited, their performance in the class is assessed by a team of three members consisting of the Chairman, the Principal and the concerned Head of the department. If any discrepancies are found, they are informed to the concerned staff to improve.

- The faculties make the class more interactive with the students so that they will have a better understanding of the subject. Students are motivated to interact with the teachers and experts during Guest / special lectures.
- Students are encouraged to participate in conference, symposium, workshops, seminars and project expo in other institutions by a team or individual would lead to collaborative learning.
- Students can use the institution as well as department library for reference. The library functions from 8.00 am to 7.00 pm in the working days and from 8.00 am to 5.00 pm on Sunday.
- The digital library is provided for the students through which they can refer journals and other available materials. Internet and language lab facility are extended to all students.
- NPTEL videos are available for students and faculties for all the courses.

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

- Students are encouraged to undergo in-plant training, internship training and industrial projects in the relevant field through industry institute collaboration. Students are encouraged to get involved in industry sponsored projects as a part of their curriculum in final year.
- Teaching through animated videos and power point presentations help the students to get innovative ideas. The students are made to publish technical papers in national and international journals.
- Students are supported to publish their scientific articles in the college magazine, newsletter and Institute organizes events such as Technical Paper presentation, Student Symposium, Project Exhibitions, software development competitions, Problem solving competitions to develop and promote creativity and critical thinking.
- The faculties encourage and guide the students to participate in the National Level Technical Competitions organized by other Institutes and Universities. The Institute invites renowned scientists, entrepreneurs and industry resource persons from various organizations to share their success stories with our students.

2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Eg: Virtual laboratories, e-learning - resources from National

Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education, etc.

The institutions have the following technologies and facilities for the effective teaching:

➢ LCD Projectors
➢ Digital library
➢ High speed internet connectivity to access E – resources
➢ NPTEL
➢ ICTACT
➢ Language Laboratory
➢ E – Journals

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

The following programs are conducted for the students and faculties to expose advanced level of knowledge and skills:

➢ Guest lecture
➢ National and International conferences
➢ Workshops and seminars
➢ Faculty development programs (FDP)
➢ In-plant training and industrial projects
➢ Value Added Course

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

➢ Academic, personal support and guidance services are provided to students through tutor systems (each tutor have maximum of 20 students). The tutors should monitor the student's academic performance from internal exams to university exams in each

semester. The tutor should motivate the students to improve their performance and also counsel their personal issues.

➢ The class advisors periodically send the progress report of students to their parents/ guardians to know their son/daughters performances. Also they are constantly in touch with the parents/ guardians to know the activities of students in their home. Psycho-social counseling is given to students by the concern department HOD and faculty members.

➢ Career counseling is given to the students by the placement and training cell of the institution.

➢ The students are advised with some sort of remedial classes which helps to improve their caliber. The faculty members' acts as a philosopher and guide for the students during this activity. Almost 30% of the student with lower academic base, in each class gets benefit from this process.

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

Innovative teaching methods

➢ Power point presentation
➢ NPTEL videos
➢ Animated videos
➢ Case studies
➢ Models and prototype
➢ Workshop

New and Innovative approaches

➢ The institution provide the opportunities to faculties to visit the industries, to know the recent trends in technology and hence it is communicated to their students. All the faculties are motivated to attend faculty development program, conference and workshops.

➢ Management provides permission to do higher studies to the faculties with on duty in their relative field which help them to upgrade their knowledge. The principal encourage the faculties to publish the books and journals.

2.3.9 How are library resources used to augment the teaching- learning process?

➢ The institution have a central library for the use of both students and faculties to refer the library resources like educational CDs, reference books, Text books, UG and PG project reports, Research Journals Transactions and Proceedings for development of study material, projects and seminars.

Library facility

➢ College library has a collection of 7402 titles and 23102 volumes of books, Daily newspapers, magazines and journals are subscribed in the library. Reference section has 8104 volumes, Working hours are flexible for the convenience of students, especially hostel inmates. Books are arranged subject wise and department wise and personal attention is given for fulfilling their library related needs. Open access facility is available.

➢ Faculty members are encouraged to make use of the library facilities, especially e-learning facilities for teaching and research purposes.

➢ Around 79 national and 44 international journals with 1008 CD/DVD are subscribed to update the current knowledge of the stakeholders in their respective field.

➢ Library periods are normally included in class time-table such that students get sufficient time for exchanging books as well as for reference.

➢ A digital library is available with five systems having high speed internet connectivity for the benefit of students and staff. In addition to the central Library, each department has its own Departmental Library to facilitate easy access to the faculty, students and research scholars.

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

No, Academic calendar is prepared before the commencement of each semester. Referring to the academic calendar of events, faculty members prepare lesson plans for various subjects. So normally it is not a problem to complete the syllabus in time. If an additional holiday is declared by the Government under unavoidable circumstances, it is compensated by arranging special classes for subjects for whom classes are lost. Our institution has never come across with such a situation in this regard since its inception.

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

Monitoring

➢ The institution monitors the quality of teaching by special team consist of Chairman, Principal and HODs. They make a surprise visit during the class hours while f a c u l t y m e m b e r s handling a particular subject to assess the teaching process.

➢ Portion completion as per schedule is regularly monitored by Class advisor and HOD through Class log book.

➢ Result analysis report is prepared in the concern department after every test; it is discussed with the department Head and Principal.

➢ Class committee meetings are conducted by the department to collect feedback from students regarding subjects and remedial actions are taken.

➢ Online student feedbacks are collected at the end of semester.

➢ Faculty self-appraisal forms are collected and evaluated by HOD and Principal.

Evaluation

➢ Finishing School concept (FSC) has been constituted in the institution to achieve academic excellence. The main objective of FSC is to primarily monitors the conduction of regular theory and practical classes, course completion, delivery mechanism, curriculum transaction and conduct of internal assessment tests

➢ The FSC ensures that departments are completing all the academic activities within the stipulated time as mentioned in the calendar of events.

➢ The FSC collects reports from each department regarding the activities and performance of the department at every evening.

➢ Quality of learning by the students is assessed in the class by interaction with the students.

➢ Course file of individual faculty containing study material, lecture plan, syllabus and internal question papers with answer key and university question bank. It is evaluated by internal audit committee and the report is submitted to Principal. The performance of the students in each subject and the ability of the teachers are evaluated.

2.4. Teacher Quality

2.4.1. Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human

resource (qualified and competent teachers) to meet the changing requirements of the curriculum.

FACULTY RECRUITMENT

Highest qualification	Professor		Associate professor		Assistant professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D.	4	3	-	-	-	-	7
M.Phil	-	-	1	1	2	16	20
PG	-	-	7	4	63	34	108

Recruitment of faculty is done as per AICTE norms. Vacancy positions are found by respective Head of the Department and advertisement is published in the leading news papers. Applications are invited from eligible candidates and it is scrutinized by the HOD and Principal. Shortlisted candidates are called for an interview. At the time of interview candidates should give lecture on specific topics followed by the personal interview in the presence of Chairman, Principal and Head of the Department. Based on their performance, they are recruited.

FACULTY RETENTION

Year of Experience In JSRGI	Departments						
	CIVIL	CSE	ECE	EEE	MECH	S & H	MBA
1	13	2	10	1	9	7	1
2	2	4	8	1	4	6	2
3-4	3	3	6	8	15	4	2
5-6	-	7	3	3	3	4	3
TOTAL	18	16	27	13	31	21	8

➢ The institution allows the faculty members to take part in workshop, conference and seminars with on-duty and remuneration.

➢ The institution permits the faculty to do higher studies and research work with special leave.

> The management supports the faculty in both academic and personal aspects, which makes the faculty members to feel them comfortable. Hence, there is no problem in retaining the faculty.

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

The institution has made an effort to recruit the qualified senior faculty to teach new programmes by advertising the vacancy status in newspapers. The outcome of this advertisement shows that there is no problem relating to meet the demand of qualified senior faculty. During the last three years emerging areas of study has not being introduced.

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

a.   Nomination to staff development programmes

Academic Staff Development Programmes	Number of faculty nominated			
	2012 – 13	2013 – 14	2014 – 15	2015 – 16
Refresher courses	18	31	30	28
HRD programmes	-	-	-	-
Orientation programmes	-	19	-	-
Staff training conducted by the university	8	12	20	6
Staff training conducted by other institutions	9	11	22	2
Summer / winter schools, workshops, etc.	32	56	77	33

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

> Teaching learning methods/approaches
> Handling new curriculum

- Content/knowledge management
- Selection, development and use of enrichment materials
- Assessment
- Cross cutting issues
- Audio Visual Aids/multimedia
- OER's
- Teaching learning material development, selection and use

c. Percentage of faculty

- 10% of faculty members are invited as resource persons for Workshops / Seminars /Conferences organized by external professional agencies.
- 50% of faculty members participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies.
- 75% of faculty members presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies.

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

- The institution supports the teachers to utilize the lab facilities for their research work and higher studies.
- The institution offers on duty and special leave to attend workshop, seminars, conferences, faculty development programs, etc, with TA/DA allowances.
- Also grants are provided by the management to organize workshop, seminars, conference, etc.,
- Faculty members can visit various core industries to enhance their technical knowledge through corporate lead team.
- Incentives are awarded to faculty members securing 100% results in university examinations.

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

- Department of Mechanical Engineering won "Best Teaching Awards in Engineering" from Staffordshire University, UK & Education Matters for continuously producing good results and Rank Holders in Anna University examinations for the past three years.
- Department of Electrical and Electronics Engineering won "Best Teaching Awards in Engineering" from Staffordshire University, UK & Education Matters for continuously producing good results and Rank Holders in Anna University examinations for the past three years.
- Department of Electronics and Communication Engineering won "Best Teaching Awards in Engineering" from Staffordshire University, UK & Education Matters for continuously producing good results and Rank Holders in Anna University examinations for the past three years.
- The institute continuously encourages the Faculty members to publish papers in International journals. Faculty members are encouraged to participate in FDPs, Workshops and Seminars in order to enhance their teaching skills.

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

- Yes, the institution and department has organized many guest lectures, seminars and special guest speech's from various industries to students and for teachers to improve their knowledge apart from and related to academic.
- Students learning process can be examined by three cycle tests, two internal tests, one model test and seminars. If students secured less mark, and then the respective subject faculty can take action to improve the student's level by conducting extra classes and with more practical experience.
- Then faculty teaching process is examined by feedback form filled with corresponding students. Feedback form comprises of faculty way of teaching, behavior, punctuality, response to students, etc. The faculty who has scored less mark have to improve in that particular criterion.

2.5. Evaluation Process and Reforms

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

- The institution conducts various tests such as cycle test, internal test, assignment and model examination as per scheduled in the academic calendar to evaluate the student performance.

- The question papers are prepared by concerned subject faculties before the commencement of every examination as mentioned above. The answer scripts are evaluated with help of answer key and distributed to the students within two days after the completion of every examination.

- Evaluation report is submitted to the class advisor by the subject faculty to prepare result analysis. Review meetings are conducted by Head of the department and Principal to take remedial actions for the weak students.

- Internal assessment Mark entry schedules are followed as per the Anna university directions.

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

The Office of the Controller of Examinations, Anna University, Chennai shall be responsible for maintaining the standard of all the University Examinations. It is the duty of the office of the Controller of Examinations to arrange for preparation, scheduling, conduct of University Examinations, arranging for valuation of answer scripts and all other incidental matters connected with the conduct of examinations for all the affiliated non-autonomous Engineering Colleges in Tamil Nadu. The other responsibilities of the office are:

1. Processing and publishing the results in time.
2. Issuing of certificates like Statement of Grades/Marks, Consolidated Statement of Grades/Marks and Provisional Degree Certificates.
3. Providing Transcripts and Migration Certificates.
4. Publication of rank lists and Medalists before the conduct of Annual convocation The various tests are conducted by the institutions to calculate the internal assessment marks. In addition, regular assignments are also part of the evaluation process.

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

- Attainment level of course outcomes shows that the goal is achieved, hence it ensure effective implementation of the evaluation reforms of those initiated.

- Reviews are conducted to evaluate the mini and main project in addition to the viva voce examinations.
- The laboratory courses are evaluated by conducting model examinations.

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

Formative Assessment approaches

- Industrial visits, guest lectures and workshops are arranged for the students and reports are collected from them.
- Question session in the beginning and at the end of lecture.
- Assignments and seminars.
- Case studies.

Summative Assessment approaches

- The institution exam cell conducts three cycle test, two periodical test and one model examination to evaluate the student's performance.
- Journal Publications
- Project work
- End Semester Examination (University examination)

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

Rigidity in Internal Assessment

The institutions strictly follows the assignment, cycle test, internal test, model exam and minimum of 75% of attendance for the internal assessment. The internal assessment is calculated from the above tests as follows:

- 30% Weightages to cycle test
- 60% Weightages to internal test or Model exam
- 10% Weightages to assignment

The internal assessment marks entered in the web portal is calculated for 20% and remaining 80% of marks are based on end semester examinations.

Transparency in Internal Assessment

Each test results are displayed in the notice board for the student notification. The internal assessment marks and attendance are displayed in the Anna University web portal. Students can view their attendance and internal test marks in web portal at any time. Also the test reports and attendance percentage are sent to their parents/ guardian.

Weightages assigned

Communication skill, soft skill and personality development trainings are delivered to the students by the faculty members for the overall development.

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

➢ Graduates will be successful in modern engineering practice, integrate into the local and global workforce and contribute to the economy of our nation.

➢ Graduates will continue to demonstrate their professional skills necessary to be competent employees assume leadership roles, enjoy carrier success and satisfaction.

➢ Graduates will become productive citizens with high ethical and professional standards, make sound engineering or managerial decisions, and have enthusiasm for the profession and professional growth.

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

Redressal of Grievances at College Level

➢ After completion of every test, the evaluated paper is issued to the students, if any grievances are identified the students can immediately rectify them through the concern tutor.

➢ Class committee meeting is conducted at the end of every internal test, to identify the grievance in the class and corrective measures are taken.

Redressal of Grievances at University Level

➢ The discrepancies in the question paper at the end semester examinations are intimated to the exam cell by the subject handling faculty and it is uploaded in the Anna University web portal through the chief superintendent.

➢ After the publication of end semester result, the University provide the chance for students to apply for photocopy. Photocopies are issued to the students within ten days and it is evaluated by the subject handling staff and Head of the department to recommend for revaluation.

- On the recommendations by the Head of the department and Principal, the answer scripts are revalued by the University. In case it is not satisfied by the students with the outcome of the revaluation marks, University has a provision to go in for a challenge revaluation. At the challenge revaluation marks obtained by the student will be the best of all the above, the fees paid by the students are refunded.

2.6 Student performance and Learning Outcomes

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

YES, Institute has clearly stated learning outcomes. The college has clearly stated the learning outcomes for each branch. The college vision and mission is mapped with the vision and mission of the department. An induction program is conducted for the students on their first day in the college in which the learning outcomes are clearly explained where the students and the faculty can able to understand the importance and prepare accordingly to achieve the goals.

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

- The college aims at providing quality education to the students who are basically drawn from the rural areas. Every possible step has been taken to improve the progress and performance of the students. Every student is monitored with three cycle test, two internal test and one model test where the students are able to analyze themselves about their academic performance and can able to improve them with further preparation.
- Every test is thoroughly analyzed by the class advisor, Head of the departments and the Principal to identify and analyze the difficulties faced by the students in the respective subjects and the necessary action is taken to bring out the best possible output from the student. In addition to the test conducted, assignments, seminars are given to the students to deeply understand the concepts behind every subject.

Final Year Passed Out Pass Percentage
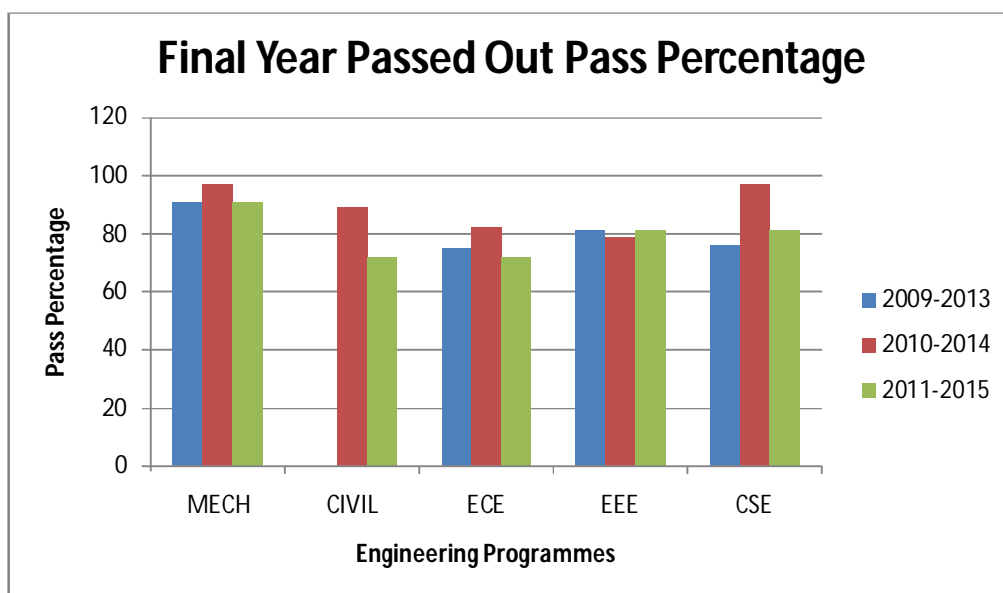
2.6.3 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?

➢ In the beginning of every semester the course plan is prepared for all the branch of study in which the subject is allocated to the faculty members based on their specialization and the lecture plan for their respective subjects are prepared. The teaching schedule is well planned and the same is displayed on the notice boards so that the students are well aware of the topics to be covered in advance which give them an opportunity to come prepared for the next class.

➢ The content beyond the syllabus for each subject are taught to effective learning about the subject.

➢ At the end of each semester a model examinations is conducted for both theory and practical so that the students get prepared to the university examination well in advance. The model examination marks are analyzed and students are given necessary advice.

➢ The performance of students in cycle test, internal test, assignment, model exam and end semester examinations provide as direct tools for analysis of data on student learning. It helps to attainment of course outcomes. The analysis on attainment of course outcomes helps the faculty members to reiterate certain specific portions of a course for better understanding.

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

➢ The institution conducts various placement related training programs through placement cell, helpful to the students to face the interview.

➢ In plant training and industrial visits are arranged for the students to know the working environment in the organization.

➢ The various programs are conducted by the entrepreneurship cell to guide the student in various aspects in the entrepreneur.

➢ The institute conducts project expo "NOVA" every year to bring out the innovative and technical ideas from the student. It gives them a platform to the real world engineering concepts.

➢ Students are willingly published their paper in national and international journal to develop the research attitude.

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

➢ The class committee meeting is conducted after the completion of every internal test and the feedback from the students is collected. The remedial actions are taken immediately by the class advisor and head of the department based on the feedback.

➢ After the completion of every test, the result analysis meeting is conducted by the Principal and Head of the department in the presence of department faculties to identify the difficulties in the concern subjects.

➢ The Department Meetings are conducted in regularly to analyze the academic performance and discuss the barriers of outcomes.

➢ For each subject in the department question bank and study material are prepared and distributed to the students. Additionally answer keys of all internal tests are issued to the students for revision.

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

The learning outcomes are achieved by the following methods:

➢ Test performance

➢ Student's discipline

- Class committee meeting
- Completion of assignment and record
- Student's participation (like symposium, workshop, seminar, paper presentation, project presentation, sports etc…)
- Tutor system
- Student feedback system
- Extra coaching class for slow learners.

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

YES, the institution and individual teachers use assessment/evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning

The following methods are as follows:
- Internal and end semester performance
- Value added courses
- Entrepreneur Development Cell
- Result analysis and class committee meeting
- Student feedback system

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

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

The institution is yet to obtain the recognition for research centre. The department of Computer Science and Engineering and Mechanical Engineering have sufficient facilities to apply for Research Centre Recognition at Anna University, Chennai.

3.1.2 Does the Institution have a research committee to monitor and address the issues of research? If so, what is its composition?

YES, the institution has a research committee to monitor and address the issues of research**.**

S.No	Faculty name	Position
1	Dr.R.Maguteeswaran	Principal
2	Dr.S.Rajalakshmi	HOD/CSE
3	Mr.R. Gobinath	HOD/CIVIL
4	Mrs.J.Nandhini	HOD/ECE
5	Mrs.N.Lakshmipriya	HOD/EEE
6	Mr.S.Rajkumar	HOD/MECH
7	Dr.P.Megaladevi	Dean (MBA)
8	Dr.R.Vasuki	PROF/MBA
9	Ms.D.Kalaiselvi	HOD/S&H
10	Dr.M.Kavitha	PROF/S&H

DEPARTMENT R & D COORDINATORS

S.No	Faculty name	Department
1	Mr.A.Peramanan	MECH
2	Mr.S.Karthik	CIVIL
3	Mrs.A.Gokilavani	CSE
4	Mr.S.Meivel	ECE

5	Mr.S.Ayyappan	EEE
6	Mr.A.Karthikeyan	MBA
7	Mr.D.Tamilselvan	S&H

A few recommendations of the research committee and their impacts:

a.   **Providing financial assistance / incentives to faculty members for attending Conference / seminar / publications / research projects:**

PAPER PUBLICATIONS / PRESENTATIONS IN CONFERENCE / JOURNALS PUBLISHED BY THE FACULTY MEMBERS

Academic year	Paper publications / Presentations in conference / Journals published by the faculty						
	CIVIL	MECH	EEE	ECE	CSE	MBA	S&H
2012-13	16	6	4	16	3	8	3
2013-14	80	18	21	34	38	4	-
2014-15	109	34	22	26	22	4	3

PAPER PUBLICATIONS / PRESENTATIONS IN CONFERENCE / JOURNALS BY THE STUDENTS

Academic year	Paper publications / Presentations in conference / Journals published by the students						
	CIVIL	MECH	EEE	ECE	CSE	MBA	S&H
2012-13	38	12	01	05	01	10	-
2013-14	160	80	31	18	108	12	-
2014-15	116	232	27	25	86	13	-

b.   **Grant of Special leave/sabbatical for completion of Ph.D.**

➤   Ms.S.Rajalakshmi and Ms.D.Kalaiselvi of Computer Science & Engineering Department had taken leave for their completion of Ph.D.

c.   **Recommendations to motivate students and faculty members**

➤   Cash awards are given for publishing papers in refereed journals.

➤   Special discussions have been arranged to address the faculty members and students with academic and industry researchers.

> Travel allowance is provided by the management to the faculty members for their research activities.

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

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

The institution concentrates on research and continual improvement of the faculty members and also provides sufficient facilities for their research work. Necessary financial support is also provided for their smooth progress. The faculty members and the students are motivated to do research in their respective areas .Workshops, Seminars and Conferences are being organized in an innovative topics to update their knowledge. Experts from industrial and academic researchers are being invited to motivate faculty members and students. Well equipped lecture halls, laboratories, library, photocopying facilities, printers, and fax are also provided by the Management. Leave, on duty is provided to attend Doctoral Committee Meeting, Viva Voce, Presentation and other research related activities.

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

The efforts made by the institution in developing scientific temper, research culture and aptitude among students are

A number of seminars, workshops and conferences have been arranged by all the departments to create interest among the students to participate in all co-curricular activities like seminars, conferences and workshops. Students are motivated to publish papers in journals with the help of faculty member's guidance. Project exhibition have been arranged in our instituion to exhibit their project. Students are also encouraged to participate in the Project exhibition conducted by various institutions. Students can also avail on duty to

participate in such activities. The efforts made by the institution to develop research culture among the students are given below:

PROJECTS FUNDED BY VARIOUS FUNDING AGENCIES

Academic year	Department	Title of the Project	Name of the Funding Agency	Total Grant Received (Rs.)
2015-16	MECH	Exhaust Emissions of Two Stroke Si Engine By Using Direct Injection of LPG	S&T Engineering	10,000
2013-14	MBA	Entrepreneurship Awareness Camp (EAC)	EDI, Chennai	20,000
		Technology Based Entrepreneurship Development Programme (TEDP	EDI, Chennai	2,65,000
2014-15		Entrepreneurship Awareness Camp (EAC)	EDI – Ahmadabad	20,000

DETAILS OF EXPERTS TALK RELATED TO RESEARCH

Department	Expert	Title	Date
CSE	Dr.Senthilkumaran Director/Research Adthithya Institue of Technology Coimbatore	Research challenges and publications	25.01.15
	Dr.S.N.Sivanantham Director/Academic Adthithya Institue of Technology	A students perspective on research	03.03.14
	Dr.S.N.Deepa HOD/EEE Anna University Coimbatore	Interdisciplinary Research	04.03.14
	Prof.Y.Babykalpana HOD/PG courses RVSCET	Remote Sensing	29.03.13
MBA	Mr.M.Murali, Chief Analyst, Arrya Infostat Technologies. Erode. Expert in SPSS	Cutting Edge Complexity in Research Through SPSS	21.3.14

		1.Dr.S.Marshal Anthoni Deputy Director-Research, Anna University, Regional Center, Coimbatore. 2.Dr.R.Kasilingam, Reader, Department of Management Studies, Pondichery University. 3.Dr.G.Ramasundaram, Associate Professor, Department of Management Studies, St.Josephs College of Engg., Chennai 4.Dr.L.Manivannan, Professor, Department of Corporate Secretaryship Erode Arts College, Erode.	Exploring Research Methods with Practical Application	19.04.13 & 20.04.13

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

Faculty members are actively involved in research activities by guiding the students projects.

DETAILS OF PROJECTS DONE IN INDUSTRY BY THE STUDENTS

Department	Academic year	Name of the Student(s)	Title of the Industrial Project Done by the Student during Final Year	Name of the Industry in which the Project was done
CSE	2014-15	Ramya.M.R Sindhuja.B Saraswathi.S Sivabharathi.K	A Systematic Approach For Safety Incident Investigation	Wheels India Chennai
		Abhijith.H Anandhan.K Anbarasu.S Arunraja.A	Web Based Application For Maintaining Industrial Machinery Tools Usage With Service Notification	Rane Brakes India Pvt Ltd Tirichy

		Dharani.K Lakshmipriya.K Sharmila.M Suryadevi.M	A Rational Approach For Analyzing Cost And Speed Entanglement Of A Process	Bharani Hydralisis Pvt Ltd Coimbatore
		Manoshalini.T Sivasankari.C Varshini.P.J Vijayalakshmi.T	ERP Integration For A Vertical Carousel System	Bharani Hydralisis Pvt Ltd Coimbatore
		Deepalakshmi.R Anila nair Gayathri.R Sowmiya.T	Approach For Analysing Wastage And Improve The Efficiency To Evaluate The Score Using Clustering Techniques	Wheels India Chennai
		Gokul moorthy.C Karthiresan.S Karthi.M Nithyanandhan.S	Implementation Of Customized ERP For Industrial Automation	Bharani Hydralisis Pvt Ltd Coimbatore
	2013-14	Nagaraj.M Vinothkumar.C Dhanasekar.L	An Enhanced ERP System Using Multi Owners And Data Management For An Industry	Bharani Hydralisis Pvt Ltd Coimbatore
MECH	2013-14	K.Arun Prakash R.Arun Raja S. Muthuraja	Layout Design Of Air Suspension Division	Wheels India Limited, Chennai
		C.Karthik S.Rajarajan D.Shanmuga Vadivel	Design And Assembly Of Mobile Hydraulic Pipe Bending Machine	Bharani Hydraulics India Private Limited, Coimbatore
		C.Karthik Kumar S.Vivek Kumar	Performance Operation Analysis Diagnosis And Optimization Of 210 Mw Boiler Feed Pump	Thermal Power Plant, Mettur.
		V.Arul Prakash V.Deeksith M.Dinesh Kumar	Rectifying Thermocouple Temp. Difference	RBL, Trichy
		M.Karpagaraj	Project In Chamfer Variation Of Deburring	Surfine Tools

		S.Poorna Kumar R.Silambarasan	Machine	Coimbatore.
		P.Eazhumalai S.Karthi P.Kalimuthu	Design & Analysis Of C-Type Hydraulic Pressure And Cylinder	Bharani Hydraulics India Private Limited, Coimbatore
		S.Sathishkumar B.Shiva V.Nachimuthu	Heat Treatment Process (Cbe). En 8 And En 325	Bharani Ferro Casting
		Libin Samuel Nithin Mathew S.Suraj	Design Of Waste Shutter Machine	Kerala Agro Machinery Limited, Palakkad
		K.P.Arun Kumar Sanju Paul Kaurian Tibey V.Samuel	Design Of Post Hole Digger Machine	Kerala Agro Machinery Limited, Palakkad
MECH	2013-14	A.Joseph Arun Kumar N.Suresh S.Thulasi Manikandan	Wind Blades	Windcare Limited Kudimankalam
		G.Balaselvakkumar S.Shankar P.Nandhakumar	Wind Mill	Windcare Limited Kudimankalam
		M.Sakthivel V.Sumesh	Hydraulic Cylinder Pull Over Rolls In Coil Preparation Line For Enhancing The Efficiency Of Cold Rolling Machine (Crm).	Steel Authority Of India Limited, Salem
	2014-15	G.Mathankumar, K.Madhankumar, V.Karthikeyan, N.Kathiravan	Design And Fabrication Of Fixture For Changing The Slab Yard Crane Tong Jaw Bit	Steel Authority Of India Limited, Salem
		M.L.Amutha Bala Santhini, D.Ashok Kumar, S.Kathirvel, M.Manikkam	Flow Simulation And Comparision Analysis Of A Condenser With And Without An Aluminium Coil Fin	TNPL, Karur

		S.Amirtharaj, C.Guru Vigneshwar, R.Panner Selvam	Design And Fabrication Of Servo Hydraulic System For A Press	Bharani Hydraulics India Private Limited, Coimbatore
		M.Arun, C.Mathanraj, A.Kumaraguru, S.Lakshman Kumar	Introducing Telescope Chute To Control Dust Emission In Bagasse Stacking	TNPL, Karur
		M.Arun Kumar, N.Boobalavignesh, V.K.Deepak, D.Dineshwaran	Design And Analysis Of Slotting Machine	Mahee Engineering P Ltd., Unit II
MECH	2014-15	P.Gopinath, L.Karthick, M.Karthick	Installing Additional Air Blaster At Hopper	The Ramco Cements Limited, Ariyalur
		S.Boopalan, K.Gokul, T.Gokula Kannan, K.Gokula Krishnan	Heat Recovery From Recovery Boiler Of Smelt Dissolving Tank Vent	TNPL, Karur
		C.Deepak, M.Kannan, A.Balamurugan, M.Karthikeyan	Reduction Of Cycle Time By Using Six Sticks In Honing Machine	Surfine Tools, Coimbatore
		Basil George Josil Saju P.M.Manesh P.R.Jeeva	Design Of CNC Gear Box	HMT Machine Tools Ltd
		B.Sasidaran D.Shivanantham S.Sivakumar M.Sridhar	Fabrication Of Automatic Actuation Pipe Cutting Machine	Ariya Hi-Tech Pipe & Component Pvt Ltd
		S.Selvanayagam K.Senthil Kumar S.Vigneshwar	Design And Analysis Of Hydraulic Mould Clamping System	Bharani Hydraulics India Private Limited, Coimbatore

		A.Selvakumar P.Tamilarasu D.Thangavignesh M.Sivasubramaniam	Inspection Of Windmill Blades Using Hexagonal Sky Climber	Windcare India Pvt Ltd
		V.Muruganandhan A.Naveen Kumar A.Prakash A.Pravinkumar	Electro Magnetic Casing To Extract Metal Waste	Gvg Group of Companies, Udumalpet
MECH	2014-15	S.Muthurathinam L.Prakash S.Suresh M.Karthikeyan	Design Of Hydraulic Door Open/Close System In Reheating Furnace	Steel Authority Of India Limited, Salem
		I.S.Sumith M.P.Vimal Kumar Vysakh Babu R.Sathish Kumar	Design Of Gantry Gripper For Cnc Lathe	HMT Machine Tools Ltd
		S.Praveen M.Suresh Kumar P.Vignesh M.Vigneshwar	Design And Analysis Of Slope Rail Trolly	DMW CNC Solution India Pvt Ltd
		M.Rajmohan K.S.Sakthivel S.Sanjay A.Santhosh	Design And Optimization Techniques Using Turning Fixture	Sri Balaji Tech, Coimbatore
		M.Vinoth Kumar R.V.Ramavhandran T.Sabari Guru M.Sasikumar	Design And Implementation Of Reducing Stick Mark In Honing Machining Process By Using Universal Joint	Surfine Tools
ECE	2014-15	B.Karthick R.Muruganandham K.Arunkumar	Development Of Control Panel With Plc Based Operation For 80 Ton Hub Assembly Press	Barani Hydraulics India Private Limited, Coimbatore
		M.Dhivya Bharathi S.Bhavani Shankari	Real Time Web Based Tracking System Using	Vi-Tech Solution

		S.S.Anusha Joneha	Gsm & Gps Technology	
	2012-13	J.Arunkumar D.Jayakumar K.Kathirvel G.Vignesh Balaji	Design And Implementation Of Optimised Power Sharing During Peak Hours Using Embedded Systems	Mettur Thermal Power Station
EEE	2012-13	M.S.Sreekanth S.Sudhakar S.Tharani Venthan A.Vivek	Solar Based Fire Extinguish System Of Transformer Used In Thermal Power Plant	Tamilnadu Generation And Distribution Corporation Limited
	2013-14	P.Kuppuraj A.Manikandan S.Rajeshkumar	Design And Testing Of Electrical Control Panel(Using Plc) For 600t Brake Lining Press	Barani Hydraulics Private Limited
		V.Raja Lingam N.Gokulbabu P.Manojkumar	Auto/Manual Control Of Assembly Press Using Plc Through Control Panel	Barani Hydraulics Private Limited
		T.Saravanakumar G.Nagamuralitharan D.Saranyadevi S.Devi Priya	Development Of Control Panel With Plc Based Operation For 800t Deep Drawing Press	Barani Hydraulics Private Limited
	2014-15	V.Selva ganapathi R.Sivalingam G.Ramakrishnan	Power Quality Improvement Using Shunt Active Filter	Sakthi Auto Component Limited
		K.Kalaiyarasi S.Anbu G.Sriram	Harmonic Reduction In Rectifier By Using The Modified Sepic Converter	Tamil Nadu Newsprint And Papers Limited

RECOGNIZED GUIDE FOR Ph.D. PROGRAMMES

S.No	FACULTY NAME	M.PHIL / PH.D.	UNIVERSITY	NO.OF RESEARCH SCHOLARS ENROLLED
1	Dr.S.Rajalakshmi	Ph.D.	Karpagam University	2

S.NO	FACULTY NAME	UNIVERSITY/INSTITUTE	YEAR OF ENROLLMENT
1	Ms.J.Nandhini	ANNA UNIVERSITY	2011
2	Ms.D.Kalaiselvi	ANNA UNIVERSITY	2011
3	Ms.M.Priya	BHARATHIYAR UNIVERSITY	2011
4	Ms.M.Muthulakshmi	BHARATHIYAR UNIVERSITY	2012
5	Ms.D.Tamilselvan	BHARATHIYAR UNIVERSITY	2013
6	Ms.A.Gokilavani	ANNA UNIVERSITY	2013
7	Mr.A.M.Ravishankar	KARPAGAM UNIVERSITY	2014
8	Ms.N.Lakshmipriya	ANNA UNIVERSITY	2015
9	Mr.R.Gopinath	VIT UNIVERSITY	2013
10	Mr.A.Peramanan	ANNA UNIVERSITY	2011
11	Mr.S.Karthick	VIT UNIVERSITY	2015
12	Mr.P.Satheesh	ANNA UNIVERSITY	2012
13	Ms.S.Parimala	BHRATHIYAR UNIVERSITY	2012
14	Mr.P.Karthikeyan	BHRATHIYAR UNIVERSITY	2012
15	Ms.N.Sangeetha Priya	ANNA UNIVERSITY	2012
16	Ms.K.Mahalakshmi	ANNA UNIVERSITY	2011
17	Ms.D.Radhika	ANNA UNIVERSITY	2010

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

The institution regularly organizes Workshops, Training Programmes, National and International Conferences on different research areas to create awareness about research among the faculty members and students. Researchers from industries and academics have been invited as a resource person to imbib research culture among the faculty members. Any research related programmes organized by the University and other institution should be

displayed in Main Notice board and Department Notice board and also circulated among the students.

DETAILS OF RESOURCE PERSONS INVITED FOR WORKSHOPS/ TRAINING PROGRAMMES / SENSITIZATION PROGRAMMES DEPARTMENT OF CSE

S. No.	Name of the Resource Person and Affiliation	Title	Date
1	Mr.R.Venkidupathi Enterprise IT Solution Officer Samba Financial Group Saudi Arabia	Higher studies in abroad	25.07.12
2	Prof.P.K.Sasikumar AP/CSE Tamilnadu College of Engineering Coimbatore	Cryptography and Network Security	07.09.12
3	Mr.J.Asaithambi Rooman Technologies Chennai	OPEN SOURCE-PHP	15.09.12
4	Mr.P.Ranjith Kumar Robert Bosch Mr.K.Akkash Verizon	RECENT ADVANCES IN IT	18.02.13
5	Ms.Nithya Hcl Cdc Chennai	Advanced Network Security In Association With HCL	27.02.13
6	Dr.Vanithamani Vp & HOD Shanmuga Engineering College	Recent Trends In Communication Power & Intelligent Computing.	29.03.13
7	Prof.V.Vignesh AP/MCA Sri Ramakrishna Engineering College Coimbatore	Computer Graphics	13.04.13
8	Ms.A.Sathyadevi Team Lead Wipro	Awareness on expected technical competences in core companies	15.07.13
9	Prof.Y.Babykalpana HOD/CSE RVS-FOE	Remote Sensing	30.07.13

	Coimbatore		
10	Mr.S.Ranjith Kumar Senior Software Engineer NTT Data, Chennai	Data mining and data Warehousing on Industry Perspective	31.08.13
11	Mr.M.Arunkumar AP/CSE JSRGI	Office Suite & Multimedia	13.09.13
12	Mr.Prasanna Porus Technologies Coimbatore	Industry Projects & Internships	20.09.13
13	Prof.P.K.Sasikumar AP/CSE Tamilnadu College of Engineering Coimbatore	Cryptography & Network Security	01.10.13
14	Mr.C.Gowrishankar ASP/EEE KSR College of Engineering Tiruchencode	Image Processing& Analysis	26.11.13
15	Dr.S.Gunasekaran HOD/CSE Coimbatore Institute of Engineering and Technology Coimbatore	CloudSim	23.01.14
16	Dr.S.N.Sivanantham Director Adhithya Institute of Technology	A students perspective on research	06.03.14
17	Dr.S.N.Deepa HOD/EEE Anna University, Coimbatore	Interdisciplinary Research	07.03.14
18	Mr.Andrew, Sri Krishna I-Tech, Coimbatore	JAVA and its Applications	15.07.14
19	Mr.Arunwarman Bluetech, Coimbatore	Web designing and PHP	02.08.14
20	Mr.Navaneeth Crisp Systems, Coimbatore	Android Applications	20.08.14
21	Mr.Baranitharan, AP/CSE, SREC, Coimbatore	Hadoop-Tool	27.08.14
22	Dr.C.Gowrishankar ASP/EEE	Image Processing & Analysis	23.11.14

S.No.	Name of the Resource Person and Affiliation	Title	Date
	KSR College of Engineering Thiruchencode		
23	Ms.K.Dhivya DoD Training Academy Coimbatore	C and C++	22.12.14-31.12.14
24	Mr.J.Sathis Poras Technologies Coimbatore	ASP .NET	20.01.15-22.01.15
25	Dr.Senthilkumaran Director/Adithya Institute Coimbatore	Research challenges	23.01.15
26	Ms.A.Gokilavani AP/CSE JSRGI	Hardware Networking	23.02.15
27	Dr.Mahesh IRTT, Erode	Design & Analysis of Algorithms	07.03.15
28	Mr.R.Sivaramakrishnan AP/CSE KPR Institute of Technology Coimbatore	Principles of Compiler Design	13.03.15

DEPARTMENT OF MECHANICAL ENGINEERING

S.No.	Name of the Resource Person and Affiliation	Title	Date
1	Mr.B.Balamurugan, Manager, Manufacturing division, RANE Brakelines, Chennai	Association Inauguration	07.08.12
2	Prof.P.Ramachandran, Kalaingar Karunanithi College of Technology, Coimbatore	Symposium Inauguration	17.09.12 to 18.09.12
3	Prof P.Velumani, KSR College of Engineering, Tiruchencode	Symposium Valedictory	18.09.12

4	Mr.Mani, Chief Engineer, Hero Honda Motor, Tirupur	Study of Automobile Parts with Dismantling and Assembly	25.9.12
5	Mr.M.Santhalingam, Sr.Application Manager, Adroitech, Coimbatore	A Knowledge on CREO Parametric	21.09.12
6	Prof. Arivudainambi, ISTE Section, Managing Committee, Hosur	Seminar On Self Motivation	29.09.12
7	Prof.P.T.Saravanakumar, P.A. College of Engineering, Pollachi	Computational Fluid Dynamics	07.08.13
8	Mr.S.Nagarajan, CFD Head, SPUTNIK Corp, Coimbatore	Computational Fluid Dynamics	08.08.13
9	Dr.K.Kandhababu, Professor and Head, Department Of Manufacturing, College of Engineering Guindy	One Day Seminar on Abrasive Water Jet Machining	15.11.14
10	Mr.P.Subdaran, Vice President and Head, Air-Suspension Division, Wheels India Limited, Chennai	Placement Training Programme	21.12.14
11	Mr.Mani, Automobile Engineer, Pongalur	Workshop in Dismantling and Assembly of Two Wheeler	12.02.15 to 13.02.15
12	Er.K.Shanmugasundaram, Technical Advisor,	Seminar on Manufacturing And Assembly	03.7.14

S.No		Name of the Resource Person and Affiliation	Title	Date
		BHIPL, Coimbatore		
13		Dr.T.Ramesh, GCT, Coimbatore.	Faculty Development Program On Thermal Engineering	08.12.14 to 14.12.14
14		Dr.K.Saravanakumar, Associate Professor, KPR Institute of Technology, Coimbatore	Faculty Development Program On Thermal Engineering	08.12.14 to 14.12.14
15		Mr.Mohanapranesh, Technical Director, BHIPL, Coimbatore	Faculty Development Program On Thermal Engineering	08.12.14 to 14.12.14
16		Mr.T.K.Karupannaswamy, Managing Director, BHIPL, Coimbatore	Faculty Development Program On Fluid Mechanics And Machinery	09.6.14 to 15.06.14

DEPARTMENT OF ECE

S.No	Name of the Resource Person and Affiliation	Title	Date
1.	1. K.K.Savitha , Associate Professor/ MCA KSR Engineering College 2.Ms.Anjali SAT Infotech,CBE 3.Dr.A.R.Karthikeyan, Senior Specialist in Wireless, TATA ELEXI, Chennai.	National Level workshop on Recent Trends in Wireless Networks	22.09.12
2.	Mr.S.Sundaramoorthy, SUNSHIV Electronics, CBE	One Day Workshop in PCB Design and Layout	12.12.12
3	Mr.S.Bharathi, Sathiya Mahendra, Bangalore	Guest Lecture on Wireless Networks & Its Applications	12.01.13
4	Mr.N.Shanmugasundaram, HOD/ECE, Vidhya Vikas Engineering College, Tiruchengode	Guest Lecture on Microcontroller	24.01.13
5.	Swapnil Kulkarni, Senior Design Engineer, Eletromagnetic & Microwave	Two Day Workshop in Antenna Design & It Applications using FEKO	13.02.13&

	NI2 Designs, Pune		14.02.13
6.	Mr.T.Balakumaran, AP/ECE, CIT, CBE	One day Seminar On Implementation of Image Processing algorithm using MATLAB	16.02.13
7.	1.Prof.N.P.Anandhamoorthy, Dept of EEE,Hindhustan College of Engg & Tech,CBE 2.Dr.S.Mangai Prof & Head / BME, Vellalar College of Engineering & Tech,Erode. 3.Dr.D.Chitra, Prof & Head - CSE, PA College of Engg & Tech, Pollachi. 4.Mr.I.Senthil Kumar, TeamLead - Oracle Corporation, Bangalore. 5.Dr.U.S.Ragupathi, Prof & Head - EIE, Kongu Engg College, Perundurai. 6.Dr.R.Vanithamani, Prof & Head - EEE, Sri Shanmuga College of Engg & Tech, Salem. 7.prof.S.N.deepa, Prof & Head / EEE, Anna University Regional Centre, CBE	Two day National Conference on Recent Advances in Communication Power & Computing Intelligence	29.03.13 &30.03.13
8	Dr.K.R.Valluvan Professor & Head / ECE, Velalar College of Engg & Tech, Erode	Energy Conservation by Electronics Engineer	01.08.13
9	Mr.S.Murugesan Jai Electronics, Kangayam	Troubleshooting with Television	24.7.13
10	Prof.L.Bharathi ASP / ECE Excel College of Technology, Salem	Guest Lecture on Optical Sources & Detectors	21.8.13
11	Thiru.G.Govindaraj I.A.S, District Collector, Tirupur. Dr.S.Vijyachitra, Prof & E&I Dept, Kongu Engg College, Perundurai. Mr.Logeshwaran & Dr.V.Hariharan, Prof & EEE	Technical Symposium & Project Expo (NOVA '13)	03,04,05.09.13

	Department Kongu Engg college, Perundurai Mr.Veerakumar, EEE Dept, Bannari amman Institute of Tech Sathy.		
12	Mr.S.Shanmugaraju Asst Prof / ECE Dr.NGP Institute of Technology, Coimbatore	Guest Lecture on Finite Word Length Effects	30.9.13
13	Ms.N.Kiruthika Asst Prof / ECE Sri Ramakrishna Engg College, Coimbatore	Guest Lecture on Asynchronous Sequential Circuit Design	24.11.13
14	Mr.R.Anand Asst Prof / ECE Sri Krishna College of Engg & Tech, Coimbatore	Guest Lecture on Feature Extraction & Image Fusion Techniques	15.12.13
15	Mr.R.Karthik & Mr.K.P. Saipradeep Asst Prof/ECE Dr.NGP Institute of Technology, Coimbatore	Training Program on Network Fundamentals & IP Subnetting	04.01.14
16	Mr.Sam Devid Jero Asst Prof/ECE RVS Coll of Engg & Tech, Coimbatore Mr.S.Lokedwaran Senior S/W Engg, Embegins Tech, Namakkal	National Workshop on Embedded system Design In VLSI Technology	23.01.14
17	Ms.E.Thangaselvi, ASP / ECE, PSNA College of Engineering & Technology, Dindugal.	Guest Lecture on Wire Antennas & Antenna Arrays	21.02.14
18	Prof.M.Senthil Kumar, AP & Head (I/C) - ECE Anna University, University College of Engineering, Dindugal.	Guest Lecture on Electromagnetic Fields	25.02.14
19	Mr.P.Satheesh Kumar, Senior Embedded Engineer,	One Day Seminar on Real Time Embedded Sysytems	

			15.03.14
20	Mr.K.Peter, Consultant, Microsoft, Bangalore. Mrs. G.Vetrichelvi, Ass Professor, Park College of Engineering & Technology,Coimbatore.	Two Day National Conference innovative Research on VLSI Design,Embedded Systems & Networks (IRVEN '14)	27,28,03.14
21	Mr. D. Aravind, Assistant Manager – HR, KGISL , Coimbatore.	Seminar on Motivate the students for Placement	12.07.14
22	Mr.S.Manoj , Senior Project Engineer, Pantech Proed Pvt Ltd	One Day Seminar on Basics of VLSI	24.07.14
23	Ms.R.Shanmugapriya, Senior Programmer, Crisp Systems. Coimbatore	Two Day Hands on Training Network simulator-2	31.07.14 & 01.08.14
24	Dr.T.Balakumaran, Assistant Professor / ECE, Coimbatore Institute of Technology, Coimbatore.	One Day Guest Lecture on Digital Signal Processing	02.08.14
25	Dr.C.Poongodi, & Dr.D.Deepa Associate Professor / IT Bannari Amman Institute of Technology, Sathayamangalam	One Day Guest Lecture on Signals & Systems	26.08.14
26	Mr.Don Deodus Mr.Mrigesh Pandey Senior Research Engineer, IIT, Delhi.	Two Day Workshop on Robotics	21.08.14 to 22.08.14
27	Mr.D.Thirupathi Thirupathi Electronics Nathakadaiyur Erode District.	Demonstration on Television & Video Engineering	01.09.14
28	Rijo Jackson Tom CTO, Attaral Academy	Two Day Workshop on Signal & Image Processing Using MATLAB	30.12.14
29	Mr.E.Murugan, R & D Engineer Arche Biologics. Mr.P.Gobal Embedded Engineer, STEPS Knowledge Services.	Two Day Workshop on PCB Design	19.01.15& 20.01.15

S.No.	Name of the Resource Person and Affiliation	Title	Date
30	Mr.V.Anantha Narayan , Technical Consultant, JRM Technology. Mr.N.Sethuraman , PCB Design Engineer & Head Training, JRM Technology.	Two Days Hands -on-Training in Embedded System Design using ARDUINO	13.02.15 &14.02.15
31	Mrs.M.Nisha Angeline AP (Sr.Gr)/ECE Velalar College of Engineering & Technology	One Day Seminar On Applications of Signal Processing in VLSI	26.02.15
32	Prof.R.Veeramani AP/ECE KSR College of Engineering Tiruchengode	One Day Seminar On Electro Magnetic Fields	25.02.15
33	Mr.S.Mahendra Kumar AP/ECE Velalar College of Engineering & Technology	One Day Seminar On Antenna & Wave Propagation	03.03.15
34	Dr.P.S.Periyasamy Prof & HOD / ECE KSR College of Engineering, Thiruchengode	Third National Conference on Innovative Research on VLSI Design, Embedded Systems, & Networks	20.03.15
35	Mr.R.Murali Krishnan R.A Fax & Services, Tirupur	Design of Electronic Components	10.07.15
36	Mr.K.Tamilselvan AP (Sr.Gr) / ECE Kongu Engineering College, Perundurai.	Industrial Applications of Electronics	1.08.15
37	Mr.A.Gopinath Explore It Crop Coimatore	Three Day Workshop on Design of Embedded Systems	30.07.15 to 01.08.15
38	Mr.R.Sameer EFY Tech Center Coimbatore.	Two Day Hands on Training on Labview & Its Applications	21.08.15 & 22.08.15

DEPARTMENT OF EEE

S.No.	Name of the Resource Person and Affiliation	Title	Date
1	Mr.C.Marimuthu, Dean/ECE, Nandha College of Engineering, Erode	One day seminar for Renewable Energy	8.8.12

2	Mr.S.Selva Kumar & Mr.A.Raj Kumar, ABB, Chennai	One day Workshop	10.8.12
3	Mr.M.P.Viswanathan, AP/EEE Hindusthan College of Technology, Coimbatore	Guest Lecture for Control Systems	8.3.13
4	Mrs.Vanmathi, ASP/EEE Hindusthan College of Technology, Coimbatore	Guest Lecture for Electrical Machine Design	15.3.13
5	Prof.V.Jethose, HOD/EEE JCT college of Engineering and Technology, Coimbatore.	Guest lecture for Foundation theory of Electrical engineering and electrical machines	06.08.13
6	A.Rajeshkumar, Oxide tech, Coimbatore	Seminar on Introduction to Embedded system, MATLAB, PCB design	06.08.13
7	Mr. V. Parthipan, Signal Control In-Charge, Southern Railway Dindugal	Four days workshop on "PLC"	21.8.13 to 24.8.13
8	Prof.M.Maheshwari, HOD/EEE SNS college of engineering and technology, Coimbatore	Seminar on Power Quality Improvement	27.08.13
9	Dr.C.Gowrishankar, AP/EEE KSR College of Engineering	Guest Lecture on Digital signal processing	30.08.13
10	Mr.S.Gopinath, AP/EEE KSR College of Engineering	Guest Lecture on Electro Magnetic Theory	30.08.13
11	Mr. S. Yusufraja,	One day workshop on Recent Trends in Embedded	20.9.13

	Team Lead, Embedded System and Design, Coimbatore	System Design Techniques	
12	Mr. I. Nedumaran, Chief Manager, Neyveli Lignite Corporation Limited Neyveli – 607 801	Seminar on Grid Management	20.2.14
13	Dr. P. A. Balakrishnan, Dean (Academic), Bharathiyar Institute of Engineering for Women Salem – 636 112	Two days National Conference on Recent Advances in Science, Engineering and Technologies	20.3.14 & 21.3.14
14	Dr. R. Devi Priya Assistant Professor / IT Kongu Engineering College Perundurai – 638 052	Two days National Conference on Recent Advances in Science, Engineering and Technologies	20.3.14 & 21.3.14
15	Mr.K.Ilanchezian Assistant Manager, prolific systems, coimbatore	Seminar on Industrial Automation	17.07.14
16	Mr.Selvakumar, ABB, Chennai	Guest Lecture on transmission and distribution	3.9.14
17	Mr.Ramachandran & Mr.Annamalai, Assistant engineers, Keman Technologies, Coimbatore	Three Days Workshop On EVERGREEN ELECTRICALS	29.12.14 to 31.12.14
18	Mr. V. Parthipan, Signal Control In-Charge, Southern Railway Dindugal	Four days workshop on PLC	05.1.15 to 08.01.15
19	Mr.G.Gowrishankar Assistant Professor/EEE, Sri Nandhanam Engineering College	Guest Lecture on Design of Electrical Machines	19.3.15

20	N.Shanmugasundharam, Asst.Prof.,Department of ECE, Vidyaa Vikas College of Engineering And Technology	Guest Lecture on Microprocessor and microcontroller	16.3.15
21	Dr.P.Anbalagan thangavel, Robert bosch engineering and business solution limited, Coimbatore	One day National Conference on Recent Advances in Science, Engineering and Technologies	23.3.15
22	Mr.M.S.Madhu, Proprietor, Aakash power engineering, Coimbatore. Mr.N.Prasanna, Project manager, Aakash power engineering, Coimbatore.	One day Seminar on awareness about power quality	15.07.15
23	Mr.E.Murugan, R&D Engineer, Arche biologics, Coimbatore.	Two days Workshop on PCB design	22.08.15 to 23.08.15
24	Mr.K.Jayakumar, Crafter Technologies, Coimbatore.	Three day Workshop on SCADA	20.08.15 to 22.08.15
25	Mrs.Jothiswari, Coimbatore Marine college, Coimbatore.	Guest Lecture on Power System Analysis	21.09.15

DEPARTMENT OF CIVIL

S.No.	Name of the Resource Person and Affiliation	Title	Date
1	Mr. Aravind	Aptitude Training	22.7.13
2	Mr. Joel Jasuroy	Soft skills Training	26.7.13
3	Er.K.Rathinasabapathy, Shaba Associates & Consultant,Tirupur	Estimation and Valuation	27.8.13
4	Mr.Radhakrishnan, Quality Manager, Indian Concrete Institute.	Advanced concrete technology	10.9.13
5	Mr.Jeyashankar,	New materials and technology	10.9.13

		in constructions	
6	Mr.Suresh Asst. Engineer, PWD	Recent trends in civil engineering	11.9.13
7	Dr.Thirugnanasampatham, Professor and Head, Dept of Civil Engineering, IRTT, Erode.	Structural Dynamics	10.11.14
8	Mr.P. Pavan Kumar and team, IIT Khanpur.	Design of Bridge	11.3.15
9	Er.K.Prakash, Contractor, Tirupur	Building planning and drawing	19.6.15 & 20.6.15
10	Mr.C.Vijay, District General Manager, CAD Technology, Coimbatore.	3DMAX Software Training	1.8.15 & 2.8.15

DEPARTMENT OF MBA

S.No.	Name of the Resource Person and Affiliation	Title	Date
1	Mr.Parivallal Tirupur.	Personality Development	08.09.12
2	Mr.Bharathi AWS Engineer, MSAT, Bangalore	Personality development and Motivation	08.12.12
3	Mr.S.Jothiramalingam, Corporate trainee/ Leadership Coach	Essential leaderships Qualities and Managerial Skills for the current Generation	16.03.13
4	Dr. R. Karupusamy, Director, Management Studies, Nehru Institute of Technology, Coimbatore.	Personality Shore-up	28.01.14
5	Dr.A.Tamilarasu, Associate professor, Department of Cooperatives (ICDS),Omen.	Professional Skill Development	16.9.14
6	Dr.T.Saroja,Assit Prof Women's University of Education, Mother Tesara University Kodaikanal	Facing Interview and Personality Development	16.2.15

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

The institution has Doctrates, Ph.D pursuing faculty members and experienced faculty members in all departments in different research areas.

DETAILS OF RESEARCH AREAS AND EXPERTISE AVAILABLE

S.No	Department	Name of the Expert	Designation	Research (Expertise) Area
1	CSE	Dr.S.Rajalakshmi	Professor	Knowledge engineering
2		Ms.A.Gokilavani	Assistant Professor	Cloud Computing
3		Mr.A.M.Ravishankar	Assistant Professor	Data Mining
4		Mr.T.Seenivasan	Assistant Professor	Cloud Computing
5		Ms.P.Mallika	Assistant Professor	Networking
6		Mr.S.Saravanakumar	Assistant Professor	Image Processing
7		Ms.R.Anitha	Assistant Professor	Mobile Computing
8		Ms.S.Rajeswari	Assistant Professor	Network Security
9		Ms.K.Saranya	Assistant Professor	Data Mining
10	MECH	Dr.R.Maguteeswaran	Principal	Material Science
11		Mr.S.Rajkumar	Assistant Professor	Engineering Design
12		Mr.A.Peramanan	Assistant Professor	Production Engineering
13		Mr.P.Satheesh	Assistant Professor	Engineering Thermodynamics,Heat & Mass Transfer

14		Mr.K.Saravanakumar	Assistant Professor	Design
15		Mr.N.Thangavel	Assistant Professor	Metallurgy
16		Mr.V.Senthilraja	Assistant Professor	Transmission System
17		Mr.G.Selvakumar	Assistant Professor	Automobile Engineering
18		Mr.R.Mahendran	Assistant Professor	Kinematics & Dynamics
19		Mr.M.Srinivasan	Assistant Professor	Composite Materials
20		Mr.B.Saravanan	Assistant Professor	Production
21		Mr.N.Sampathkumar	Assistant Professor	Finite Element Analysis
22		Mr.B.Parthiban	Assistant Professor	Design and Welding Technology Fluid Mechanics
23		Mr.S.Rajeshkumar	Assistant Professor	IC Engines
24		Mr.B.Karthick	Assistant Professor	Optimization Technique
25		Mr.C.Satheeshkumar	Assistant Professor	Finite Element Analysis
26		Ms.J.Nandhini	Associate Professor	Mobile AdHoc Networks
27		Mr.S.Meivel	Associate Professor	Embedded, Networking
28	ECE	Ms.G.Kalaiarasi	Assistant Professor	Digital Systems, VLSI
29		Mr.K.Mohanaprakash	Assistant Professor	Embedded Systems
30		Mr.S.Gokulnath	Assistant Professor	Digital Electronics, VLSI
31		Mr.S.Nithya	Assistant	Digital Electronics

			Professor	
32		Ms.A.S.Narmatha	Assistant Professor	Wireless Communication
33		Ms.S.Menaga	Assistant Professor	Digital Electronics, Wireless Communication
34		Mr.T.Manikandan	Assistant Professor	Embedded
35		Ms.J.Paruvathavardhini	Assistant Professor	Communication & Signal Processing
36		Ms.B.Saritha	Assistant Professor	Mobile AdHoc Networks
37		Mr.K.Dinakaran	Assistant Professor	Communication, Antennas
38		Ms.M.Divya	Assistant Professor	VLSI
39		Ms.M.SubahanalNuzrath	Assistant Professor	VLSI
40		Mr.N.Dhanaraj	Assistant Professor	Digital Image Processing
41		Mr.R.Senthilkumar	Assistant Professor	Digital Electronics, VLSI, ADSD
42		Ms.R.Sharmilagowri	Assistant Professor	Embedded Systems
43		Mr.T.Mani	Assistant Professor	VLSI Design
44		Ms.B.Vijaypri ya	Assistant Professor	Embedded Systems
45		Mrs.N.Lakshmipriya	Assistant Professor, HOD	Electrical Drives
46	EEE	Mr.S.Ayyappan	Assistant Professor	Power Electronics & Drives
47		Mrs.P.Hema	Assistant Professor	VLSI Design
48		Mr.V.Maheskumar	Assistant Professor	Power Electronics

49		Mr.N.Sadeesh	Assistant Professor	Transmission & Distribution
50		Mr.T.Vignesh	Assistant Professor	Special Electrical Machines
51		Mr.E.Prasannakumar	Assistant Professor	Electrical Drives
52		Mr.E.Babu	Assistant Professor	Power System
53		Ms.K.Dhivya	Assistant Professor	Power Generation and Transmission
54		Mr.R.Gopinath	Assistant Professor	Environmental Engineering, Geotechnology
55		Mr.V.Vijayan	Assistant Professor	Construction Engineering & Management
56		Mr.T.Sathanandham	Assistant Professor	Construction Engineering & Management
57		Mr.S.Karthik	Assistant Professor	Structural Engineering & Analysis of Structure
58		Mr.E.Sureshkumar	Assistant Professor	Structural Engineering & Analysis of Structure
59	CIVIL	Mr.K.Satheshkumar	Assistant Professor	Structural Engineering
60		Mr.K.T.Nataji	Assistant Professor	Structural Engineering
61		Mr.P.Karthi	Assistant Professor	Structural Engineering
62		Mr.J.Muralidharan	Assistant Professor	Remote Sensing & GIS Environmental
63		Ms.V.Karthika	Assistant	Structural Engineering &

			Professor	Design of Steel Structures
64		Ms.M.Kokila	Assistant Professor	Remote Sensing & GIS
65		Dr.P.Megaladevi	Dean/MBA	Finance
66		Dr.R.Vasuki	Professor	HR
67		Mrs.S.Parimala	Assistant Professor	Finance
68		Mr.A.Karthikeyan	Assistant Professor	Marketing
69	MBA	Mrs.A.Priyalakshmi	Assistant Professor	Finance
70		Ms.V.Suganthi	Assistant Professor	Finance
71		Mr.P.Thiyagaraja thuran	Assistant Professor	Marketing
72		Mr.Gnanasekar	Assistant Professor	Production

POTENTIAL AREAS OF RESEARCH IN EACH DEPARTMENT

Department	Research Areas
CSE	Networking
	Data Mining
	Cloud Computing
	Information Retrieval
	Security
	Distributed Computing
	Parallel Computing
	Fuzzy Logic
	Neural Networks
MECH	Material Science
	Engineering Design
	Automobile Engineering

	Kinematics & Dynamics
	Finite Element Analysis
	IC Engines
	Engineering Thermodynamics
ECE	Networking Protocols
	VLSI System
	DSP & DIP
	Embedded System And Technologies
	Cryptography Network (Security) System
EEE	Power Electronics & Drives
	Electrical Drives
	Power System
	Special Electrical Machines
	Power Generation, Transmission and Distribution
CIVIL	Stabilization study of various soils
	Concrete and Structures
	Geo polymers in Concrete
	Self-Compacting Concrete
MBA	Finance
	HR

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

➢ The institution encourages all the departments to conduct various academic programs throughout the year. Technical experts from industries and Academicians are invited for such programs. It creates technical forum to promote research among the faculty members and students.

➢ The institution organizes Guest lectures, Seminars, Workshop, Faculty Training Program, Research awareness program, Value Added Courses by eminent experts.

➢ Industrial researchers are invited through Technical Incubation Cell, Quality Improvement Cell, Entrepreneurship cell and Placement Cell on various occasions.

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 institution provides on duty for faculty members to carry out their research. And also the institution provides sabbatical leave to the faculty members for research activities.

DETAILS OF SABBATICAL LEAVE AVAILED BY THE FACULTY MEMBERS

S.No.	Name	Designation & Department	Period	University	Purpose
1	Ms.P.Megaladevi	AP & MBA	7 days	Bharathiyar University	To complete Doctorate
2	Ms.S.Rajalakshmi	AP & HOD / CSE	7 days	Anna University	To complete Doctorate
3	Mr.S. Anbarasu	AP & MBA	7 days	Bharathiyar University	To complete Doctorate
4	Ms.R.Vasuki	AP & MBA	7 days	Bharathiyar University	To complete Doctorate

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

The institution motivates students to exhibit their projects in other institution. The faculty members should guide the students in a right way. Experts from various institutions and industries are invited to the college for addressing the faculty members and the students to create research awareness among them.

The institution encourages all the departments to conduct research oriented programmes. By this the students has an opportunity to establish their ideas and innovations in doing their projects.

DETAILS STUDENT PROJECTS AND MODELS EXHIBITED IN VARIOUS INSTITUTIONS

Academic year	Department	Title of the Project	Name of the Student(s)	year

2014-15	CSE	ERP Integration For A Vertical Carousel System	Manoshalini.T Sivasankari.C Varshini.P.J Vijayalakshmi.T	IV Year
	CSE	An Advanced Encryption Method For Email Using Steganography	Jancy.R Pavithra.C	III Year
	CSE	An Intelligent Technique To System Action By Human Signals	Mohamed Irfan.l Muthurangasamy.s	IV Year
	ECE	Automatic Energy Conservation And Temperature Measurement	K.S.Sasikumar M.Karichi Kumar K.Sathish	III Year
2013-14	ECE	Line Follower Robot Using Controller	A.Sakthivel S.Vivekanandhan	II Year
	ECE	GPS based location indicating system	S.Ponnusamy M.Gowtham M.Karachi Kumar M.Sukumar P.Manimegalai	II Year
	ECE	Fully Automatic Headlight For Vehicle	T.Siddharth K.S.Sasikumar K.Pasuntamil Kumaran	II Year
	ECE	Automated Vehicle Control System	R.Rajeshwaran B.Nethaji S.Vijaya Kumar	II Year
	ECE	Remote Checker	M.Nirmala K.Saritha V.Renuga Devi	II Year
2015-16	EEE	Implementation Of Agricultural Motor Pump Running Using Solar Power	V.Dileepan P.Elavarasan	IV Year
	EEE	Fabrication Of Agricultural	V.Dileepan	IV Year

		Motor Pump Running Using Solar Power	R.Manoj Babu	
2012-2013	CIVIL	Innovative model	S. Vijaya kumar, S. Aravind C. Arun prakash	2013

3.2 Resource Mobilization for Research

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

The institution allocated Rs.1,00,000 from 2015 to each department for research activities such as lab establishment, getting support from industries, research talk by eminent researchers etc..

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

The institution does not provide seed money to the faculty for research.But necessary support is provided by the institution by means of infrastructure and library facilities.

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

➢ The institution provides travelling allowance and registration fees to the students who are attending research related programmes.

➢ The institution encourages students to participate in research related programs and provides all the facilities to promote research culture among the students.

➢ Students are allowed to access journals and can utilize library and Net lab after working hours too.

➢ Students are encouraged to exhibit their projects in other colleges.

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

Faculty members and students of all the departments interact with each other in undertaking interdisciplinary research. Through this, knowledge is shared among all the departments and novel ideas are identified.

With the help of faculty member's guidance, students are encouraged to undertake inter- disciplinary research. It makes the students to enrich their knowledge in all domains.

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

The institution has well furnished laboratories with required equipments and latest software. 24 HOURS internet facility is available to all the faculty members and students.In addition with library has subscribed number of books, national and international journals in various domains.

➢ Well equipped laboratories are available in the institution for the faculty members and students to carry out their research activities.

➢ Library has enormous amount of books, National and International journals, reference books, back volumes and magazines which are used for research and keep open beyond the working hours.

➢ Wi-Fi is available inside the campus.

➢ Adequate number of computers with internet facilities are available for the faculty members and the students to carry out their research.

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

The institution has received fund from ISTE for the Department of CSE.

DETAILS OF SPECIAL GRANTS RECEIVED FROM VARIOUS FUNDING AGENCIES

Academic year	Department	Project/ research Details	Name of the Funding Agency	Total Grant Received In Rs.
2013-14	CSE	Workshop	ISTE	5000

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

Faculty members are motivated to apply for projects to the funding agencies. Information regarding funding agencies like DRDO, DST, CSIR, AICTE, TNSCST, ISRO etc are passed to all departments through the R&D team.

3.3 Research Facilities

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

➢ Well equipped laboratories are available in the institution for the faculty members and students to carry out their research activities.

➢ Library has enormous amount of books, National and International journals, reference books, back volumes and magazines which are used for research and kept open beyond the working hours.

➢ Wi Fi is available inside the campus.

➢ Adequate numbers of computers with internet facilities are available for the faculty members and the students to carry out their research.

DETAILS OF EQUIPMENT / RESEARCH FACILITIES AVAILABLE
IN EACH DEPARTMENT

Department	Name of the Equipment / Research Facilities Available	Description
CSE	Server	Active Directory Server
	Internet	20Mbps/Wi-fi
	Systems	High end systems for doing research IntelcoreI3/4gb/500gb
MECH	Machine design software	AUTO CAD, CREO, ANSYS, NX-CAD, MATLAB, CATIA & SOLID WORKS
ECE	Xilinx, orcad, pspice, lsim & nsim, arm7 rtos software	Simulation Software
EEE	Matlab & math cad	Simulation Software
CIVIL	Rainfall stimulator	Use to calculate the amount of soil eroded during rainfall for various slope angles of different soils
	Slope stability machine	Use to study about slope angle and various soil properties

	Pull out machine	Use to find out the friction between soil and root of various plants.

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

The needs of researchers are satisfied by planning, upgrading and creating infrastructural facilities. Trendy areas of research are updated to the faculty members and students. The upgraded facilities are listed below.

➢ Well Equipped laboratories with research facilities

➢ Faculty members and students are motivated to do research in emerging technologies.

➢ Faculty Seminar is conducted regularly to discuss emerging technologies of all the departments.

➢ Emerging technologies of all the departments are circulated among the students and faculty members and should be displayed in the department notice board.

➢ Students Seminar is conducted regularly.

➢ National and International Journals of all the departments are available in the library.

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

The institution has received 10 lakhs from Barani Hydraulics Private Limited, Coimbatore for the department of Mechanical Engineering for laboratory facilities.

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

➢ Ph.D. scholars who have registered under Anna University are allowed to utilize their facilities.

➢ Ph.D. scholars can use libraries and research facilities available in the other institutions of research supervisors.

➢ Students are allowed to undergo inplant training and field visit to various industries.

➢ Faculties are permitted to visit industries and can discuss with industrial researchers.

- Corporate meetings are organized regularly for the faculty members to interact with the industrialists. By this faculty members are benefited to carry out their research work.

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

More than 20,000 Books, E-journals, magazines, back volumes, journals, CDs etc are made available in the central library to facilitate research activities. Library resource information is given in the following table.

DETAILS OF LIBRARY RESOURCES

S.No.	Department	Books		National		International
		Titles	Volumes	Journals	Magazines	Journals
1	MECH	600	2776	12	6	7
2	CSE	871	3381	12	6	7
3	EEE	583	2776	12	6	7
4	ECE	663	2760	12	6	7
5	CIVIL	370	1212	12	6	7
6	S&H	735	2422	6	6	6
7	MBA	635	2290	12	6	3

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

Strenuous efforts are being made by the institution to make collborative research facilities inside the campus.The following infrastructure are available in the institution for the faculty members:

- All Department laboratories
- Library resources
- Computers with internet facility
- Latest Softwares

3.4 Research Publications and Awards

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

➢ Patents obtained and filed (process and product)

➢ Original research contributing to product improvement

➢ Research studies or surveys benefiting the community or improving the services

➢ Research inputs contributing to new initiatives and social development.

The institution encourages the faculty members and the students to do research in their expertise areas and motivates them to improve their product to be used for social development. In addition with students are encouraged to expose their knowledge by participating in national and international conferences.

Faculty members are motivated to publish national and international journals. In our institution, the product Automated tool for Automobile Sector using Beagle Bone is being improved.

RESEARCH CONTRIBUTING TO PRODUCT IMPROVEMENT

Sl. No.	Department	Academic Year	Name of the participants	Title of the Project
1	CSE	2014	P.Mallika, T.Seenivasan, V.Mathumathi, S.Muthukumar, C.Periyanayaki, R.Priyanka, A.Subbaiah, M.Venkatesh, S.Ajithkumar, A.Sripriya	Automated tool for Automobile Sector using Beagle Bone

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

YES, the institution encourages all the departments to organize national and international conferences. The organizing committee selects and publishes the best paper in their respective department proceedings.

The Department of CSE organized an International Conference on Global Innovations in Computing Technology - 2014 (ICGICT'14) and published the best papers in reputed journals. Dr.S.Rajalakshmi, HOD/CSE was the convener.

The Department of ECE organized a National Conference IRVEN'14 and published the best papers in Transactions on Engineering and Sciences ISSN: 2347-1964 (Online) 2347-1875 (Print). Mrs.J.Nandhini was the convener.

The Department of EEE organized a National Conference on Recent Advances in Science, Engineering & Technologies - RASET 2015 and the best papers were published in the special issues of International Journal Science and Engineering.

DETAILS OF FACULTY MEMBERS AS CONVENERS IN NATIONAL/ INTERNATIONAL CONFERENCE AND MEMBERS IN EDITORIAL BOARDS

S.No	Department	Name of the faculty	National/International	Editorial Board
1	CSE	Dr.S.Rajalakshmi	Both	
2	CSE	Ms.A.Gokilavani	Both	
3	CSE	Mr.A.M.Ravishankar	Both	
4	CSE	Ms.P.Mallika	National	
5	MECH	Dr.R.Maguteeswaran	International	International Journal of Engineering and Technology Sciences
6	MECH	Dr.R.Maguteeswaran	International	STM Journals- Journal of Mechatronics and Automation
7	MECH	Dr.R.Maguteeswaran	International	SAS Publishers- Scholars Academic and Scientific Society
8	ECE	Mrs.J.Nandhini	National	
9	ECE	Mrs.J.Nandhini	National	
10	ECE	Mrs.J.Nandhini	National	
11	EEE	Mrs.N.Lakshmipriya	National	
12	MBA	Dr.P.Megaladevi	International Conference	

3.4.3 Give details of publications by the faculty and students

DETAILS OF PUBLICATIONS BY THE FACULTY MEMBERS IN NATIONAL / INTERNATIONAL JOURNALS

S.No	Department	No. of Papers Published (2012-13)	No. of Papers Published (2013-14)	No. of Papers Published (2014-15)	Total
1	CSE	3	38	19	60
2	MECH	5	17	31	53
3	ECE	2	10	7	21
4	CIVIL	16	36	63	115
5	EEE	2	17	11	30
6	MBA	-	-	2	2
7	S&H	2	-	3	5

PUBLICATIONS BY THE FACULTY MEMBERS IN NATIONAL / INTERNATIONAL CONFERENCES

S.No.	Department	No. of Papers Published (2012- 13)	No. of Papers Published (2013- 14)	No. of Papers Published (2014- 15)	Total
1	CSE	13	42	90	145
2	MECH	1	1	3	5
3	ECE	13	28	16	57
4	CIVIL	-	44	46	90
5	EEE	2	4	11	17
6	MBA	8	4	2	14
7	S&H	1	-	-	1

BOOKS WITH ISBN / ISSN NUMBERS WITH DETAILS OF PUBLISHERS

S.No	Academic Year	Department	Title of book Published with ISBN / ISSN	Total
1	2013-14	CSE	Theory of Computation	1
2	2012-13	MBA	Technical English-I/ ISBN 13:978112196 ISBN 10:1121962998	2
3			Technical English-II/ ISBN 13:978112196 ISBN 10:1121962998	
4	2013-14		Accounting for Management/ ISBN-978-81-910911-2-12	3

3.4.4 Provide details (if any) of

➢ Research awards are received by the faculty members.

➢ Recognition are received by the faculty members from reputed professional bodies and agencies, nationally and internationally

➢ Incentives are provided to the faculty members for receiving state, national and international recognitions for research contributions.

DETAILS OF RECOGNITION RECEIVED BY THE FACULTY FROM REPUTED PROFESSIONAL BODIES AND AGENCIES, NATIONALLY AND INTERNATIONALLY

S.No.	Department	Name of the faculty	Recognitions
1.	CIVIL	Mr.R. Gopinath	Life member, Indian association of soil and water Conservations. Life member, Indian Society of technical education. Life member, Indian society of hydraulics Life member, Indian society of Hill Agricultura Life member, Indian water works Association Life member, Indian society of Remote sensing Life member, Indian society of Geomatics

2.	CIVIL	Mr.V. Vijayan	Life member, International Association of Engineers
			Life member, International Society for Photogrammetry and Remote Sensing
3.		Mr.T.Sathanandham	Life member, International Association of Engineers
			Life member, International Society for Photogrammetry and Remote Sensing
4.	CIVIL	Mr.S.Karthik	Life member, International Association of Engineers
			Life member, International Society for Photogrammetry and Remote Sensing
5.		Mr.E.Sureshkumar	Life member, International Association of Engineers
			Life member, International Society for Photogrammetry and Remote Sensing
6.		Mr.K.Sathishkumar	Life member, International Association of Engineers Life member, International Society for Photogrammetry and Remote Sensing
7		Mr.K.T.Nataji	Life member, International Association of Engineers Life member, International Society for Photogrammetry and Remote Sensing
8		Mr.P.Karthi	Life member, International Association of Engineers Life member, International Society for Photogrammetry and Remote Sensing Life member, Indian Society of Remote sensing Life member, International Association of Engineers Life member, International Society for Photogrammetry and Remote Sensing

9		Ms.V.Karthika	Life member, International Society for Photogrammetry and Remote Sensing
			Life member, Indian Society of Remote sensing
10	CIVIL	Ms.M.Kokila	Life member, International Association of Engineers
			Life member, International Society for Photogrammetry and Remote Sensing
11	CSE	Dr.S.Rajalakshmi	Life Member of ISTE
12	ECE	Ms.J.Nandhini	Life Member of ISTE
13	MBA	Dr.R.Vasuki	Member in Question Framing Committee

3.5 Consultancy

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

The following systems and strategies are established for institution industry interface.

➢ The institution interacts with the industries related to all the departments and identifies the needs of the industry.

➢ Experts from the industry are invited and Interactive sessions are made to discuss with faculty members and students.

➢ In addition with, the placement cell communicates with the industries to know their requirements.

➢ Students are trained by visiting the industries and undergoing Inplant training to the industries.

➢ Through placement cell, Internship training is given to the students.

➢ Students are allowed to do their projects in Industries.

Academic Year	Industry Researchers	Topic	Date
2011-12	Mr. Balaji, Deputy Manager, Wheels India, Chennai.	Industrial Automation & Robotics	08.03.12
	Mr.Erick Duno, M/s. Valeo Friction Materials Ltd., France	Higher Education & Employment opportunity in France	11.04.12
	Mr.Mark Coote, M/s. Faurecia Interior Systems, France	Latest technology in FRP and Automobile Interior Paneling	17.04.12
	Mr.Anand Kaledra, Global Rubber Industry, Srilanka	Overview on Rubber Industry	21.05.12
	Mr. Bheem Singh, Senior Vice President, M/s. Rane Brake Lining, Chennai	Job opportunities in Automobile Engineering	23.5.12
2012-13	Mr.Srinivasan Managing Director, M/s. Saint Gobain, Palakkad	Glass Manufacturing	28.01.13
	Mr.T.A.Barathi, M/s. Wheels India Pvt Ltd., Chennai	How to Improve the Analytical Ability	30.01.13
2013-14	Mr.Sundaram Executive Director, M/s. Super Auto Forge, Chennai	Motivational speech	13.11.13
2014-15	Prof. Dong Hwa Kim, Hanbat University, South Korea	Higher Education and Employment Opportunities in South Korea	11.07.14
	Mr.K.Senthilkumar, General Manager,Aqua sub Engg. Coimbatore	Placement opportunities in Mechanical Engineering	06.08.14
	Mr.K.Senthilkumar,General Manager,Aqua sub Engg. Coimbatore Mr.S.Suresh, Vice President,Wheels India Ltd.,	Career GuidanceMotivational Program	06.08.14
	Mr.N.Rajagopalan, Technical Advisor, ATG Tyres, Trinelveli	Interpersonal skill development	09.08.14
	Mr.C.P.Rangachar , MD from M/s. Yuken India Ltd., Bangalore	Opportunities for Engineering in India and Abroad	14.08.14
	Mr.S.Ramamoorthy, CEO, FLUIDICS	Attitude	14.08.14

| 2015-16 | Mr.Biswajit Acharya, General Manager (Manufacturing Department), Carborundum Universal Ltd, Chennai | Plastics & Polymers | 27.11.15 |
| | Mr.S.Gomathinayagam, DGM(Maintenance Department), Carborundum Universal Ltd, Chennai | Plastics & Polymers | 27.11.15 |

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

The institution encourages all the faculty members to carry out consultancy work. At present the Department of Computer Science & Engineering and Civil Engineering are doing consultancy work and the revenue generated from the consultancy were shared among the respective department and the institution.

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

- ➢ The institution encourages the faculty members to utilize their expertise and available facilities for consultancy services.
- ➢ The institution encourages the students to take up industrial projects in the area of consulting work as a part of their curriculam.
- ➢ All department organizes industrial inplant training and value added programmes in specific areas to create knowledge in the recent trends.
- ➢ The faculty members are motivated for consultancy services.
- ➢ The faculty members those who are doing consultancy work are get support by reducing their work load in academic and administrative work.
- ➢ The faculty members can avail onduty for consultancy services.
- ➢ The institution provides research facilities like utilizing computing laboratory, library, Internet and transport facilities.

3.5.4 List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years.

The following are the broad areas and consultancy services provided by the institution and the revenue generated during the last four years.

DETAILS OF CONSULTANCY SERVICES PROVIDED BY THE INSTITUTION

S.No.	Department	Date	Name and designation of the Principal Investigator	Name of the consultancy services	Revenue generated in Rs.
1	CSE	2013-14	Dr.S.Rajalakshmi HOD/CSE	Ad Panchayat Tirupur	Rs. 2,49,375
2			Dr.S.Rajalakshmi HOD/CSE	Ad Panchayat Tirupur	Rs.69,875
3		2014-15	Dr.S.Rajalakshmi HOD/CSE	NSE.IT	Rs.32,840
4		2015-16	Dr.S.Rajalakshmi HOD/CSE	NSE.IT	Rs.14,272
5			Dr.S.Rajalakshmi HOD/CSE	TCS	Rs.2,60,000
6	CIVIL	2014-15	Mr.E.Sureshkumar Asst.prof, JSRGI	The Ramco Cement Ltd	Rs.9,500
7				Samraj Construction mayura packaging	Rs.1,250
8			Mr.S.Karthik & Mr.E.Sureshkumar Asst.prof / CIVIL	PWD (UPPAR DAM)	Rs.14,500
9		2015-16	Mr.E.Sureshkumar Asst.prof/ CIVIL	The Ramco Cement Ltd	Rs.14,950
10				Sky Ready mix unit	Rs.1,200
11				Er.Rathnasabapathy	Rs.1,250
12				Cotton Park Clothings	Rs.2,500
13				SRV & Co	Rs.10,600
				KCP.SRV & Co	Rs.2,000
				M.K. Selvam Constructions	Rs.1,500

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

The revenue generated through consultancy is shared among the concerned department and institution in the ratio of 70:30. The share is utilized to develop laboratory facilities and infrastructure development.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

3.6.1 How does the institution promote institution-neighborhood community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?

The institution promotes institution-neighborhood community network by engaging students in all social activities. The institution not only concentrate on academic performance but also ensure the students to be a good citizen by teaching moral values. Students are encouraged to actively participate in social activities like Blood Donation Camp, Eye Camp and Rally on Voters Day, Road Safety Day and donating things to orphanage through National Service Scheme and Social Responsibility Club.

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

The institution involves the students to actively participate in the programs organized by the National Service Scheme, Social Responsibility Club, Red Ribbon Club, Women Empowerment Cell and Youth Red Cross and Fine Arts Club.

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

The institution conducts Parents Meeting and Alumni meeting every year. Feedbacks from those meetings, Company Recruiters, Guest Speakers, and Industrialists are collected. Based on the collected feedback, Quality is improved by analyzing the strength and challenges. The institution arrange seminars, value added courses, workshops, awareness programmes, education fairs, career guidance programmes, symposium, training programs, Entrepreneur Development programmes, course for communication skills in English Language, Spoken Hindi, Personality Development programmes to emphasis upon producing the students as quality products suitable to the current technology. The quality of

the institution is improved by all possible means.

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

The institution is continuously organizing a number of outreach activities which is directly connected with the students academic, social, cultural, community services etc., With the help of many voluntary organizations and NGOs, the management organizes the outreach programs. The NSS and Youth Red Cross have conducted many blood donation camps, eye camps, awareness programs and tree plantations.

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

The institution promotes students and faculty participation in social activities like NSS, YRC, RRC, and SRC. The institution provides transport facilities for such club activities like Eye Donation Camp, Blood Donation, and Awareness Program. Also the institution donates needy things to nearby Government Schools. Every year, SRC donates books and dresses to the orphanage.

NSS Club Conducting Rally for Rain Water Harvesting

NSS Club Conducting Road Safety Awareness Program

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

Through our SRC, the students along with the faculty members have visited orphanage and required facilities are donated to them. The faculty members along with the students have been visiting the local slums and the home for blind to teach the students. The institution offers free education and tuition fee waiver for the students from under-privileged and vulnerable sections of society.

SRC Club visit to Mahatma Mercy Home

SRC Club visit to Jeevan Mercy Home

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

By making the students to involve in social activities, the skills and human values are developed among the students. By organizing various extension activities, the students have an opportunity to create awareness about the different sections of society, their requirements and their day to day problems. Due to participation in social activities, social responsibilities has been developed among the students, Team spirit, confident level are also improved.

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

Various programs are being organized regularly through clubs like NSS, YRC, SRC, RRC etc. to improve community development .To create awareness about the voters day and road safety, rally has been organized by NSS along with government. Eye camp and Blood donation camp are also being organized by the YRC club.

SRC ACTIVITIES

S.No.	Academic Year	Date	Venue	Donated
1	2012 - 13	08.03.12	Mahatma Mercy Home Amaravathipalayam, Tiruppur.	Grinder, Mixy and Cooking Vessels.

2	2012 - 13	11.04.12	Jeevan Mercy Home aPalladam.	Cash
3	2012 - 13	18.8.12	ECO Park for Children Perundhozhuvu.	Cash
4	2013 - 14	09.8.13	TISSO Orphanage home	3 Bureaus & Sweets
5	2013 - 14	08.02.14	Mother Teresa Old Age Home	Cash
6	2013 - 14	21.10.13	Real Trust Orphanage Home	Stationary Things
7	2014 - 15	21.10.14	Deaf & Dump School, Murugampalayam	Speech Trainer Kit
8	2014 -15	20.07.14	TISSO Orphanage	Cash
9	2015 – 16	22.07.15	B.Haritha, Tirupur for her Treatment of Split Malformation with tethered	Cash for treatment
10	2015 – 16	10.8.15	R.Rangasamy sweeper working in JSRGI	Cash for treatment
11	2015 – 16	02.9.15	M.Mithun Raj, IV-EEE Park Engineering Tech, Coimbatore for his surgery.	Cash
12.	2015 – 16	24.9.15	Seeds Anbalayam, Avinashi.	Cash
13.	2015 – 16	06.11.15	Swami Vivekanandha Arakkattalai, Tirupur.	Cash & Sweets

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

The institution is getting involved in various social development actitivities along with the other organizations like Hospitals, NGO, Rotary Club, Self Help Groups, Private Industries and Firms, etc.NSS, Rotaract, Movement of Green Revolution club, etc. for organizing various programmes like Medical Camp, Blood Donation Camp and Eye Camp at the college premises and at various rural areas. The institution is building a good relationship with other organizations. The institution along with industries has distributed required things to the orphanage and the rural area schools. Some of the important events organized by the various institutions are as follows:

YRC ACTIVITIES

S.No.	Academic year	Date	Event names	Conducted by	Strength
1.	2012-13	20.9.12/ 21.9.12	Eye Camp	Lotus eye Care Hospital, Tiruppur.	620
2.	2012 - 13	21.2.13/ 22.02.13	Blood Donation Camp	Government Hospital, Tiruppur.	210
3.	2013 - 14	21.09.13	Eye Camp	Vasan Eye Care, Tiruppur. & Vasan Dental Care, Coimbatore.	360
4.	2013 - 14	07.08.13	Awareness	Ramachandra Mission	All
5.	2013 - 14	8.10.13	Awareness	Cause of Fuel consumption and Plastic awareness	All
6.	2014 -15	02.10.14	Cycle Rally	Sri Sathya Sai Seva Orginazation	50
7.	2014 - 15	12.09.14	Eye Camp	Eye Foundation	454
8.	2015 - 16	09.08.15	Eye Camp	Aravind Hospital, Tiruppur.	101
9.	2015 - 16	18.8.15/ 19.08.15	Eye Camp	Lotus Eye Hospitals, Tiruppur.	997
10.	2015 - 16	01.10.15	Awareness	Go-Green Planting Saplling Awareness Program conducted by Rotract Club, Tiruppur.	126

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

The institution has received many awards from various socities, clubs and Government bodies for organizing various events, allocating funds and space to their functions.

3.7 Collaboration

3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the

initiatives – collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.

The institution has signed MOUs with training agencies to develop research activities. The institution collaborates with Barani Hydraulic India Private Limited Company and industrial researchers of that company guides our faculty members and students to carry out their projects. The Research scholars from other institution are getting guidance from the facuty of CSE Department and also utilizing the college resources.

➢ Industrial Experts are invited to address faculty members and students.

➢ Industrial Visits and Inplant Training are arranged regularly for the students.

➢ Through Software Club, Software Training is given to the Tie-up Industries.

DETAILS OF COLLABORATIVE RESEARCH ACTIVITIES WITH VARIOUS RESEARCH LABORATORIES, INSTITUTES AND INDUSTRY

S.No.	Department	Academic Year	Collaborated research lab/Industry / Institute	Nature of activity	Benefits accrued
1	CSE	2013-14	St.Fransis Xavier University Canada	International Conference	Worldwide research knowledge sharing

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

The Institute has signed MoUs with several industries and Institutes. Faculty members and students are benefited from these MoU's as they are being exposed to enrich knowledge and real time experiences.

DETAILS OF MOUS / COLLABORATIVE ARRANGEMENTS WITH UNIVERSITIES / INDUSTRIES / CORPORATE

S.No	Department	MoUs/Collaborative arrangements with universities/ industries/corporate	Nature of activity	Contribution towards institution development
1	CSE	Newareliya Coimbatore	Android Training , Internship	Placement
2	MECH	CADD Centre, Tirupur	Hands on Training	Placement

3	ECE	Xplore IT Corp, Coimbatore	Software & Hardware Training	Placement

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

The institution has signed MoUs with industries related to the area of specialization of all departments. The MoUs covers in-plant training, internship training to the student, training to our faculty members, permitting our students to do their projects, placements etc. For recruitment process, they are utilizing library and placement cell.

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

<div align="center">SCIENTISTS / VISITORS CONTRIBUTED TO VARIOUS EVENTS</div>

S.No.	Department	Name of the Resource Person and Affiliation	Program	Academic Year
1	CSE	Prof.P.K.Sasikumar AP/CSE Tamilnadu College of Engineering Coimbatore	Cryptography and Network Security	07.09.12
2		Dr.Vanithamani VP&HOD Shanmuga Engineering College	Recent Trends In Communication Power & Intelligent Computing.	29.03.13
3		Prof.V.Vignesh AP/MCA Sri Ramakrishna Engineering College Coimbatore	Computer Graphics	13.04.13
4		Prof.Y.Babykalpana HOD/CSE RVS-FOE Coimbatore	Remote Sensing	30.07.13

5		Dr.S.Gunasekaran HOD/CSE Coimbatore Institute of Engineering and Technology Coimbatore	CloudSim	23.01.14
6	CSE	Dr.S.N.Sivanantham Director Adhithya Institute of Technology	A students perspective on research	06.03.14
7		Dr.S.N.Deepa HOD/EEE Anna University Coimbatore	Interdisciplinary Research	07.03.14
8		Dr.S.Gowrishankar ASP/EEE KSR College of Engineering Thiruchencode	Image Processing & Analysis	23.11.14
9		Mr.J.Sathis Poras Technologies Coimbatore	ASP .NET	20.01.15-22.01.15
10		Dr.Senthilkumaran Director Adithya Institute, Coimbatore	Research challenges	23.01.15
11		Dr.Mahesh IRTT, Erode	Design & Analysis of Algorithms	07.03.15
12	MECH	Prof.P.Ramachandran, Kalaingar Karunanithi College of Technology,Coimbatore	Motivational speech	17.09.12 to 18.09.12
13		Prof P.Velumani,	Symposium	18.09.12

		KSR College of Engineering, Tiruchencode	Valedictory	
14		Prof. Arivudainambi, ISTE Section, Managing Committee, Hosur	-	29.09.12
15		Prof.P.T.Saravanakumar, P.A. College of Engineering, Pollachi	Computational Fluid Dynamics	07.08.13

16		Dr.K.Kandhababu, Professor and Head, Department of Manufacturing, College of Engineering Guindy	One Day Seminar on Abrasive Water Jet Machining	15.11.14
17	MECH	Dr.T.Ramesh, GCT, Coimbatore.	Faculty Development Program On Thermal Engineering	08.12.14 to 14.12.14
18		Dr.K.Saravanakumar, Associate Professor, KPR Institute of Technology, Coimbatore	Faculty Development Program On Thermal Engineering	08.12.14 to 14.12.14
19		Dr.A.R.Karthikeyan, Senior Specialist in Wireless,TATA ELAXSI, Chennai.	National Level workshop on Recent Trends in Wireless Networks	22.09.12
20		Prof.N.P.Anandhamoorthy, Dept of EEE, Hindhustan College of Engg & Tech,CBE	Two day National Conference on Recent Advances in Communication Power & Computing Intelligence	29.03.13 & 30.03.13
21	ECE	Prof.S.N.Deepa, Prof & Head – EEE Anna University Regional Centre, CBE		29.03.13 & 30.03.13
22	ECE	Dr.R.Vanithamani, Prof & Head – EEE Sri Shanmuga College of Engg & Tech, Salem.		29.03.13 & 30.03.13
23		Dr.U.S.Ragupathi,Prof &	Two day National	29.03.13 &

		Mr.P.Gobal Embedded Engineer, STEPS Knowledge Services.		20.01.15
24		Prof.R.Veeramani , AP/ECE , KSR College of Engineering Tiruchengode	One Day Seminar On Electro Magnetic Fields	25.02.15

25	ECE	Dr.P.S.Periyasamy , Prof / HOD , Department of ECE , KSR College of Engineering, Thiruchengode	Third National Conference on Innovative Research on VLSI Design, Embedded Systems, & Networks	20.03.15
26	EEE	Prof.V.Jethose, HOD/EEE JCT college of Engineering and Technology, Coimbatore.	Guest lecture for Foundation theory of Electrical engineering and electrical machines	06.08.13
27		Prof.M.Maheshwari, HOD/EEE SNS college of Engineering and Technology, Coimbatore	Seminar on Power Quality Improvement	27.08.13
28	EEE	Dr. P. A.Balakrishnan, Dean (Academic), Bharathiyar Institute of Engineering for Women Salem	Two days National Conference on "Recent Advances in Science, Engineering and Technologies"	20.03.14 & 21.03.14
29		Dr. R. Devi Priya AP / IT Kongu Engineering College Perundurai – 638 052		20.03.14 & 21.03.14
30		Dr.P.Anbalagan thangavel, Robert Bosch Engineering and business solution limited, Coimbatore		23.03.15

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

a) Curriculum development/enrichment

b) Internship/ On-the-job training

c) Summer placement

d) Faculty exchange and professional development

e) Research

f) Consultancy

g) Extension

h) Publication

i) Student Placement

j) Twinning programmes

k) Introduction of new courses

l) Student exchange

m) Any other

The institution motivates the faculty members and students to carryout research in their respective areas. It makes the faculty members and students to apply for more research proposals in various external funding agencies. Due to the collaboration with industries, inplant training, student placement and internship training are provided to the students. For this refer section 3.1.5.

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

In order to create research awareness and new product innovation, we have created the following cells, Training & Placement, Entrepreneurship Development Cell (EDC), Technical Business Incubation Cell, and Quality Improvement Cell. Meetings are organized through these cells regularly along with the management and the management provides all kinds of supports for cells to enhance its activities for the students development, knowledge enrichment placement and social welfare activities. A well equipped library with books, journals and other learning materials and technology-aided learning mechanisms enable students to acquire information, knowledge and skills required for their study.

The Library is well equipped with latest publications of books, E-journals and magazines. The well-equipped computer, networking laboratories for experimentation provides the students to equip themselves with the knowledge on their own. Students are provided easy and free access to internet via Wi-Fi connection (10 Mbps).Our efforts have positively, created an impact on society through socially relevant research and extension activity. Any other relevant information regarding Research, Consultancy and Extension which the college would like to include.

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?

Policy

Value added education in engineering, technology and management by elevating the student community with the latest and advanced curriculum, better infrastructure and teaching-learning environment are provided. The applicable compliance requirements by university and regulatory bodies thereby, continually improving the quality systems and parental satisfaction levels through a frame work of committed team work are adhered. The campus provides peaceful and constructive environment for learning with its lush green and peaceful atmosphere. The management has taken care to provide the required amenities like well-lit and ventilated class rooms, spacious and well equipped laboratories, furnished library and space for various administrative activities. The laboratories are well equipped with high quality equipments and computing facilities. The library is enhanced with good number of books and journals with separate space for reference. Space for placement cell, exam cell, career guidance cell, common rooms and space for co-curricular and extra-curricular activities are provided.

4.1.2 Detail the facilities available for curricular and co-curricular activities.

The instituion is endowed with excellent physical infrastructural facilities to support the advanced teaching-learning process. Our College has spacious seminar/conference halls, adequate number of classrooms, well equipped laboratories, chambers for the faculty members and discussion rooms are available to facilitate the academic programs. The Central Library, with adequate space, large number of books and journals, Internet and other support facilities is located at the central place. The infrastructure involves spacious class rooms, proper lighting and ventilation, seating arrangement with proper visibility for both students and lecturers.

There is a cafeteria for the students and faculty members. The details of the facilities available with the institution is as under:

i) **Class Rooms**: Our institution has 41 spacious class rooms with proper light arrangement, ventilation and podium.

ii) **Technology enabled learning facility:** Our institution has ICT Classrooms where the provision of LCD Projectors, Wi-Fi connectivity and internet access are given.

iii) **Seminar Hall:** Each department has equipped with one seminar hall to conduct programs. LCD projectors, OHP and Public Addressing Systems are available to enhance the students learning skills. This hall is regularly used for conducting seminars, workshops and conferences at various levels. The students are regularly promoted for active involvement in paper presentations and group discussions.

iv) **Laboratories/Workshops:** Our Institution has well equipped laboratories with state of the art laboratory equipment. The following laboratories are utilized for students to do their projects and sound knowledge development.

<div align="center">**DETAILS OF LABORATORIES FOR VARIOUS DEPARTMENTS**</div>

S.No.	Department	Laboratory
1	S & H	Physics Laboratory
		Chemistry Laboratory
2	CIVIL	Engineering Practices Laboratory
		CAD Laboratory
		Fluid Mechanics Laboratory
		Strength of Materials Laboratory
		Survey Laboratory
		Environmental Engineering Laboratory
		Soil Mechanics Laboratory
		Concrete and Highway Laboratory
		Advanced Structural Engineering Laboratory
		Communication Laboratory
3	CSE	Fundamentals of Computer programming Laboratory
		Data structures Laboratory
		UNIX Laboratory
		Object Oriented Programming Laboratory
		System software Laboratory

		Operating system Laboratory
		Java Laboratory
		Compiler design Laboratory
		Network Laboratory
		Case Tools Laboratory
		Data Base Management System Laboratory
		Internet Programming Laboratory
		Open Source Laboratory
		Graphics & Multimedia Laboratory
		Internet Laboratory
		Communication Laboratory
4	ECE	Engineering Practices Laboratory
		Electronics Laboratory
		Digital And Linear Integrated Circuit Laboratory
		Optical and Microwave Laboratory
		Microprocessor And Microcontroller Laboratory
		Embedded Systems Laboratory
		Simulation Laboratory
		Network Laboratory
		Analog and Digital Communication Laboratory
		Electronic System Design Laboratory
		Communication Laboratory
5	EEE	Engineering Practices Laboratory
		Electrical Machines Laboratory
		Control Systems Laboratory
		Measurements and Instruments Laboratory

		Electric Circuit Laboratory
		Power Electronics Laboratory
		Power Electronics and Drive Laboratory
		Power System & Simulation Laboratory
		Communication Laboratory
6	MECH	Engineering Practices Laboratory
		Workshop Technology Laboratory
		Manufacturing Technology Laboratory-I
		Mechatronics Laboratory
		Strength of Materials Laboratory
		Metrology and Measurements Laboratory
		Thermal Engineering Laboratory
		Kinematics and Dynamics Laboratory
		CAD/CAM Laboratory
		Heat Power Laboratory
		Communication Laboratory
7	MBA	Data Analysis and Business Modeling Laboratory

v) Specialized Facilities and equipment available for teaching, learning and research

   To stimulate teaching and learning, facilities like LCD projectors and audio visual systems are available. The college is having a digital library with internet which is being effectively used by the students for their projects and research activities.The College provides avenues for developing technical skills, updating knowledge on state-of-the-art subjects through the following activities, each of which is facilitated by a faculty adviser to guide the students.

- ➤   Project Expo named as NOVA
- ➤   National Level Students Technical Symposiums
- ➤   International and National Level Conferences

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

The instituion encourages and provides following facilities for students.

Annora English Forum: The main purpose of Annora is to promote enthusiasm among students for the English language and culture and to provide students with a friendly but serious way to approach English language. Because of the Annora's interest in cultural diversity, involvement in Annora also encourages exploration of other cultures. Many activities a r e o r g a n i z e d by the club each semester, e n a b l i n g our students have the opportunity to speak like native English speaking students.

Entrepreneurship Development Cell (EDC): EDC is established to create and enhance Entrepreneurial culture amidst the students. Through the Cell, budding Entrepreneurs are encouraged to provide employment opportunities and economic growth of our nation. We are providing opportunity to interact and get training in the concern field.

Quality Improvement Cell (QIC): The Quality Improvement Cell of our Institution is to ensure the standard expected by the contemporary Industries across the globe. The major objectives are to promote self-learning among the students and improve the teaching methodology among the faculty members. The Management has been magnanimous in sanctioning funds to increase the number of non-technical books, to inculcate the habit of reading, among students for their Technical Education.

Fine Arts & Humor Club: The primary objectives of the Fine Arts & Humor Club i s to unite the JSRGI student body in the appreciation of the disciplines of computer graphic design, english, film, music, theatre and visual art. The Fine Arts & Humor Club strives to provide opportunities for active awareness of the fine arts for students and community, and to build a working relationship for creative outreach among the institution and the local community. In addition to the activities of the Fine Arts Association, the students are encouraged to take part in competitions held outside the campus. Inter-collegiate competitions are held on campus and these helps in increasing co-operation among the students.

Software club: The team of software club is made to provide the awareness and knowledge towards present and upcoming software and technologies to the students. So the students can complete the industrial needs and can bloom in their field of engineering.

Technology Business Incubation Cell (TBI) Cell: This cell is an entity, which helps technology start-up businesses with all the necessary resources or support that the start-up

needs to evolve and grow as a mature business. Typically, TBIs provide incubates, the start-up businesses supported by the incubator, with necessary infrastructure support, technology support, prototype development support and research assistance.Visions of the cell are to maximize the success rate of the young ICT technology ventures by empowering them with state of the art technology innovation capabilities as well as experimental business wisdom and encourage the sprit of innovation and entrepreneurship for creating sustainable business ventures that contribute to the over all welfare of the society.

Social Responsibility Club (SRC): SRC is dedicated to relieving human suffering and protecting human lives, dignity and responding to emergencies.The objectives of the SRC is to provide assistance in relief operations in times of disaster and in auxiliary health and welfare services to the sick, the handicapped, the aged and the poor without any distinction on grounds of race, nationality, religion or political opinions, and to furnish voluntary aid to the sick.

Women Empowerment Cell (WEC): This Cell has been started in the year 2012 with a motive to educate & empower women who are with the skills & confidence necessary to get a job,maintain a healthy lifestyle & regain a home for themselves as well as their society.We envision a world without poverty in which women are empowered,uplifted & full partners in society.

National Service Scheme (NSS): The main motive of NSS is to give creative and proper direction to students by the way of social activities for developing their personality. Every student of NSS devotes in social services. It underlines that the welfare of an individual is ultimately depends on the welfare of the society as a whole. Various socially relevant services are provided by the NSS students like sapling plantation programs, creation of a sense of environmental awareness and hygiene by conducting public awareness programs.

Youth Red Cross (YRC): The main ambition of YRC is to improve the lives of vulnerable people in the Globe by mobilizing the power of humanity. To be a leading humanitarian organization in Tirupur, we improve the lives of vulnerable people through services delivered and promotes humanitarian laws.

Red Ribbon Club (RRC): This club volunteers participate in youth convention camps and assists to create health awareness and other social help through video demonstrations. Blood donation camp and public health awareness programs are conducted to aware the public.

Sports club: It encourages our students to develop their sports skills in various outdoor and in-door games like Football, Cricket, Basketball, Ball Badminton , Kabaddi, and

Volley ball, Athletics, Chess, Carrom, Table Tennis, Shuttle, Physical Fitness Program (conducted in Gym), Power Lifting and Weight Lifting and provides the physical fitness to refresh the mind of the students.The college has been participating in various inter university and university level tournaments.

Other Facilities: To cater to the needs of the faculty members and the students, a fleet of buses, a canteen, an ATM and Reprographic facilities are available.

4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/ augmented and the amount spent during the last four years (Enclose the master plan of the Institution/ campus and indicate the existing physical infrastructure and the future planned expansions if any).

Our institution is continuously planning to improve the infrastructure for the academic growth as per AICTE and Anna University norms. In line with the changing needs and requirements, additional infrastructures are being added from time to time.

The facilities are utilized optimally by conducting various programs like:

➢ Value added courses.

➢ Offline / Online exams of national importance exams like GATE, TANCET and Banking exams.

➢ Remedial Classes.

➢ Industry Projects and Research.

➢ Sports, games and tournament.

Description	2011-12	2012-13	2013-14	2014-15
Building	393.51	519.04	81.15	24.04

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

The Institution is committed to make the differently abled students comfortable. The institution ensures that the infrastructure facilities meet the requirement of the students with physical disabilities by accommodating their classes on the ground floor throughout their period of study on admission. They are provided with comfortable furniture and attendant facility. Ramp facility is available at the entrance of the campus. Restrooms are suitably designed for the differently abled persons.

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

Hostel Facility: The institution has separate hostels, for both boys and girls students. The hostel rooms are spacious and ventilated. Water purifier has been provided for ensuring the hygiene in the hostel.

Recreation facilities: Outdoor recreation and audio visual aids (TV, Music player, games etc) for indoor recreation are provided by the institution.

Medical room: The institution and the hostel are equipped to meet the medical attention required by the students. A dispensary room with two beds and all other necessary facilities required for medical assistance is available.

Library: The college hostel has a reading room for extra reading. (Magazines, Newspapers, Periodicals, Journals etc)

Hygiene facilities: Reverse Osmosis (RO) purified water with continuous supply for safe drinking water is available in the institution campus and in both hostels.

Parking: Vehicle parking facility is available in the campus for the 2 wheeler and 4 wheeler vehicles.

Security: Magnified security members are available in our instituion. We are very particular to take a wide care for our girls and boys. They are available round the clock. They keenly watch our student whole the day.

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

We provide excellent health care facility for the students by 24x7service. A dispensary room with two beds and all other necessary facilities required for medical assistance are available. Multi-disciplinary hospital located at 3 Km from the institution. The hospital offers complete health solutions for various ailments. Students and faculty members have availed medical aid at concessional rates. The students are provided with an accidental insurance policy at the time of admission.

4.1.7 Give details of the common facilities available on the campus –spaces for special units like IQAC, Grievance Redressal un guidance, placement unit, Health center, canteen, recreational spaces for staffs and students , safe drinking water facility, auditorium.

COMMON FACILITIES

S. NO	NAME OF THE UNIT	PLACE OF LOCATION	STAFF IN CHARGE
1	IQAC	ABF-11	Dr. S.Rajalakshmi
2	Grievances Redressal unit	ABF– 01	Prof. J. Nandhini
3	Women Empowerment Cell	ABF– 05	Ms. R.Anitha
4	Counseling Hall	ABT – 08	Dr. P.Megaladevi
5	Career guidance Cell	ABT – 08	Dr. P.Megaladevi
6	Placement Cell	Main block	Mr.P.Senthilarun
7	Canteen	Outside of the Academic Block	-------
8	Entrepreneurship Cell	ABT – 09	Dr. P.Megaladevi
9	Recreational Spaces for staff and students	Hostel ground floor	Mr. K.Saravanan
10	Safe Drinking Water Facility	Every floor in the Campus	Mr.Subramani
11	Sports and Games	Ground floor and Second floor	Mr. S.Rajesh
12	Any Other	------	---------

LIBRARY AS A LEARNING RESOURCE

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

The library has an Advisory and Purchasing Committee termed as the Library Committee comprising of the following members.

ADVISORY COMMITTEE

DETAILS FOR MEMBERS OF ADVISORY COMITTEE

S.NO	NAME OF THE MEMBER	DESIGNATION	POSITION
1	Dr. R.Maguteeswaran	Principal	Chairperson
2	Dr. P.Megala Devi	Dean	Member Secretary
3	Mr.S.E.Rajarajan	Librarian	Advisor
4	Dr.S.Rajalakshmi	HOD/ CSE	Member
5	Mrs.N.Lakshmi Priya	HOD /EEE	Member
6	Mr. R.Gopinath	HOD /Civil	Member
7	Mrs.J.Nandhini	HOD /ECE	Member
8	Mr.S.Rajkumar	HOD /MECH	Member
9	Mrs.D.Kalaiselvi	HOD/ S&H	Member

PURCHASE COMMITTEE

DETAILS FOR MEMBERS OF PURCHASE COMITTEE

S.NO	NAME OF THE MEMBER	DESIGNATION	POSITION
1	Dr.R.Maguteeswaran	Principal	Chairperson
2	Mr.K.Saravanakumar	Asst.Prof /Mech	Purchase Coordinator
3	Mr.S.E.Rajarajan	Librarian	Member
4	Mr.E.Babu	Asst.Prof /EEE	Member
5	Mr.T.Seenivasan	Asst.Prof /CSE	Member

| 6 | Mr.K.T.Nataji | Lecture /Civil | Member |
| 7 | Ms.N.Premalatha | Asst.Prof / S&H | Member |

Purpose of Committee:

The library is designed to meet the needs of students and faculty members to provide necessary support for the curriculum. A large number of books on diverse subjects are now being acquired in order to cater to the needs of newly launched facilities. A major requirement to our library is provided through access to the digital library.

Functions of Committee:

➢ To create awareness among the faculty and the students to retain readership.

➢ To formulate policies and procedures for efficient use of library resources.

➢ To discuss budget proposals for the development of the library.

➢ To work towards modernization and the improvement of library and documentation services.

➢ To provide proper documentation services and to update the library collection.

4.2.1 Provide details of the following

➢ Total area of central library   : 403.72 Square meter

➢ Total seating capacity   : 130 Nos.

Working hours (on working days, on holidays, before examination days, during examination days, during vacation):

LIBRARY WORKING HOURS

WORKING DAYS Working Hours	A.M 08.00	P.M 7.00
Circulation Timings	08.00	07.00
HOLIDAYS		
Working Hours	09.00	01.00
Circulation Timings	09.00	01.00

Changes in timings during the vacation period will be informed through circular and also displayed in the library notice board.

LIBRARY LAYOUT

S. No.	Area of Sections	Service for Users
1	Individual Reading Carrels	Yes
2	Lounge Area for Browsing	10 no of systems are allotted for browsing
3	Relaxed Reading	Yes
4	IT zone for accessing e-resources	Yes

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

As per the norms of AICTE & Anna University, the requirements are collected from each department through Head of the Departments. The library committee procures these requirements after cross verifying the availability in the library. Accordingly, the library budget is allocated. The amount spent on procuring current titles, books, journals and e-resources during the last four years are as follows.

ANNUAL LIBRARY BUDGET
(in Rupees)

LIBRARY HOLDINGS	YEAR – 1		YEAR - 2		YEAR – 3		YEAR - 4	
	2011-12		2012-13		2013-14		2014-15	
	NUMBER	TOTAL COST	NUMBER	TOTAL COST	NUMBER	TOTAL COST	NUMBER	TOTAL COST
Books	1594	601776.29	7582	2192003	1473	616670	1725	542190
National/International /Journals	106	253680	119	272283	119	275630	138	331050

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

To make access to the reading resources, the following technology and tools are used:

S.No.	Name of the ICT & other tools	Qty/ Internet Band width Speed
1	OPAC (Online Public Access Catalogue)	Intranet through the browser based **WEB OPAC** module.
2	e-journals	The DELNET Database
3	Federated searching tools to search articles in multiple databases	Intranet through the browser based **WEB OPAC** module.
4	Library Website	Yes
5	Library automation	**Campus I lib Software**
6	Total number of computers for public access	5
7	Total numbers of printers for public Access	1
8	Internet band width/ speed	12 Mbps
9	Participation in Resource sharing networks/consortia	DELNET

> Average number of walk-ins   : **150-200**
> Average number of books issued/returned   : **100-150**
> Ratio of library books to students enrolled   : **1:11**
> Average number of books added during last three years : **6210**
> Average number of login to OPAC   : **75-100**

4.2.6 Give details of the specialized services provided by the library

Reference: A separate Reference Section is available. The Reference Section provides a personalized service, where librarian has a scope to interact with the students to know their specific needs. Large number of Dictionaries, Encyclopedias, Atlas, and General books, books related to various competitive examinations like TOFEL, GRE and Civil Services are made available to the students in this library reference section. The faculty members have also makes use of this section.

Reprography: Reprography services are provided to the students and also to the faculty members inside the library premises.

ILL (Inter Library Loan Service)

Inter Library Loan facility is also available. If the demanded books are not available in the library, the same is arranged to our readers by borrowing books from other libraries on inter-library loan through DELNET and institutional library membership.

Information Deployment and Notification

➢ Arrival of new books, journals and magazines are displayed on a separate display board to the students and faculty members.

➢ Current awareness services is available

Download: Students and the faculty members are provided with the facility of downloading the required articles from the e-resources and from the internet.

Printing: A separate printer is made available in the Library. Reprographic section is available for taking printouts and photo copies.

Reading list/ Bibliography Compilation: Selective dissemination of Information is made available.

In-house/remote access to E-resources: E-resources, Anna University regulations, syllabus, and previous year university question papers are available on the institutional repository.

OPAC (Online Public Access Catalogue) : Through In-house library and information package, online public access catalogue is available for the users in which they can have the following search options like title, author, title and author, accession number, publisher, subject, user account, E-Resource and news clipping.

Assistance in searching Databases: Well-trained library staffs are available to assist the students in searching the databases as and when they required.

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

The Library staff always extends their services for the students and the faculty members in various aspects mentioned below:

➢ Imparting informative literacy programs as and when the new sources are added to the library.

➢ Assisting the users in locating and retrieving information in the library.

- The previous year university question papers are made available electronically through intranet.
- Organizing seminars / workshops on the emerging trends to promote the use of library resources.
- Library staff assists in book issue, book return, Library Entry and OPAC search for using the library management system.
- Newspaper clippings are displayed on the notice board and web OPAC.
- Full-fledged services are provided to the students for guiding them during the Digital Library and Library hours.

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

As such the library is located at the first floor for their ease of access. The collections are available within the reach. The required books and reference materials are supplied to their seat in the library. The library assistant takes care of them in all aspects for their comfort within the library.

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

YES, it is available through online and they are discussed in the library committee meetings to take appropriate actions.

4.3. IT INFRASTRUCTURE

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

In our institution, accessible hardware and software with their configuration and quantity as given below:

DETAILS FOR SERVER

S.no	Model	Specification	Qty
1	HP (Proliant ML150 G6 Server)	Intel Xeon Processor E5504 (2.0 Ghz, 4MB L3 Cache, 80W, DDR3-800), 2 GB RAM-PC3-10600E Un Buffered ECC Memory, 2*250 GB Hard Disk, Embedded HP NC107i PCI Express Gigabit Server Adapter, HP Smart Array P410 Controller Raid, HP Half height SATA DVD ROM, USB keyboard & Mouse, HP	1
2	HP (Proliant ML350 G6 Server)	Intel Xeon 2.0 GHz Processor, Intel Mother Board, 4 GB DDR2 RAM, 1024*3 GB Hard Disk Drive, 18.5" L Mouse, Windows Multimedia Keyboard, On board Ethernet Card.	2

DETAILS FOR DESKTOP PC

S.No	Model & Specification	Quantity
1	HP DX2480/E2180/2GB/160GB	104
2	HP Pro3090/2GB/320GB	80
3	ESYSIntel Dual Core /2GB/500GB	60
4	HP Elite E7100/4GB/320GB	80
5	Zenith Premium/G41/2GB/250GB	120
6	HP Compaq Core 2 Duo/2GB/320GB	70
7	Acer /VT-H812GB/500GB	101
8	HP ML115 Server	01
9	HP ML350e Server	01
10	HP ML150 Server	**01**
	TOTAL	**618**

DETAILS OF AVAILABLE COMPUTERS FOR VARIOUS DEPARTMENTS

S.No	Department	No. of Systems
1	CIVIL	78
2	CSE	78
3	ECE	138
4	EEE	78
5	MECH	138
6	MBA	60
7	S & H	30
8	LIBRARY	10
9	OTHERS	08
	TOTAL	618

Computer-Student Ratio

➢ UG students: Available 1:4 (As per Norms 1 : 4)

➢ PG students: Available 1:2 (As per Norms 1 : 2)

Stand Alone Facility

➢ Online UPS with 45 minutes backup in all the labs

➢ UPS Configuration: 240 KVA

LAN Facility

➢ The college has a well-connected LAN through CAT6 cable with 100/1000 Mbps speed.

➢ The complete backbone of LAN connectivity is laid with fiber optical cables.

Wi-Fi Facility

We have Wi-Fi facility with multiple access points.

DETAILS OF SOFTWARES

DETAILS FOR LICENSED SOFTWARES

S. No	Name of the Software	License Quantity	Validity
Microsoft Campus Agreement (Agreement Number : V5647733)
1	Microsoft Desktop Education All Lng License/Software Assurance	50	
2	Microsoft SQL Server Standard Edition All Lng License/Software Assurance Pack Academic Open Value 1 License Level E Additional Product 1 Year	1	
3	Microsoft SQL CAL All Lng License/Software Assurance Pack Academic Open Value 1 License Level E Enterprise Device C AL Device CAL 1 Year	50	31.12.15
4	Microsoft Windows Server Standard All Lng License/Software Assurance Pack Academic Open Value 1 License Level E Additional Product 2 PROC 1 Year	1	
5	Microsoft Visual Studio Pro w/MSDN All Lng License/Software Assurance Pack Academic Open Value 1 License Level E Additional Product 1 Year	1	

DETAILS FOR AVAILABLE OPERATING SYSTEMS

S.NO	NAME OF THE SOFTWARE	LICENSE
1	Windows XP	Campus Agreement (Agreement Number: **V5647733**
2	Windows 7	
3	Windows 8, 8.1	
4	Windows Server 2003	
5	Windows Server 2008	
6	Fedora	Free
7	Ubuntu	Free

DETAILS FOR LICENSED SOFTWARES

S.NO	NAME OF THE SOFTWARE	LICENSE
1	Microsoft Office 2007	Campus Agreement (Agreement Number: **V5647733**)
2	Microsoft Office 2010	
3	Microsoft SQL 2008	
4	Microsoft Visual Studio 2008	
5	Microsoft Visual Studio 6.0	
6	Microsoft Project	
7	Microsoft Visual Pro9.0	
8	Oracle 11G Standard Edition Server License	1 Server
9	Rational Suite (Enterprise & Architect)	30 user
10	Turbo C, Turbo C++	Free
11	JDK1.6, JDSK	Free
12	Tomcat, Appache server	Free
13	Java Wireless Mobile Tool Kit	Free
14	WampServer2.0	Free
15	J2ME, J2SDK	Free
16	Net Beans 6.9	Free
17	NS2	Free

18	Python-2.7.1	Free
19	Eclipse	Free
20	My SQL Server	Free
21	WinWap4.2	Free
22	Ethereal	Free
23	AvastAntivirus	Free
24	Lab View 8.1	50 User
25	Multi Sim 10.0.1	25 User
26	Xilinx ISE Foundation v13.2 VLSI Design Software	25 User
27	Multisim, Ultiboard, MultiMCU	25 User Each
28	Mat Lab 2011a	25 User
29	Tina	5 User
30	Lsim and Nsim	6 User
31	OrcadPspice	5User
32	Mi power	10 User
33	Math CAD	15 User
34	Auto Cad (Education Pack)	Free
35	Edge CAM R1 2014	50 User
36	TIN 3	33 User
37	Creo 2.0	50 User
38	ANSYS 2014	50 User

DETAILS OF PRINTERS

S.No	PRINTER MODEL	QTY
1.	Samsung ML1640 LaserJet	01
2.	HP P1007 LaserJet	11
3.	HP1020 plus LaserJet	04
4.	Canon D520 LaserJet All-in-one	01
5.	Epson L-100 inkjet	01
6.	Epson LX 300+ II Dot-matrix	03
7.	Epson LQ-1150II Dot-matrix	02
8.	TVS MSP 250Star	08
9.	TVS MSP 345 Star	02
10.	HP Office jet J3600	01
11.	CANON IR3045	01
12.	HP M1005 MFP LaserJet	07
13.	Kyocera k 180	01
14.	Epson M200 Inkjet	01
15.	HP photo smart C309A	01
16.	KS 800 Copier	01
17.	HP Laser Jet P1045	01
18.	Epson L210	01
19.	Konica Minolta page pro1590 MF	01
TOTAL		**49**

Number of Nodes/ Computers with Internet Facility

➢ The institution provides 50 computers with internet facility for the students.

➢ The institution provides 40 computers with internet facility for the faculty members.

➢ The institution provides 30 computers in the Project Lab with internet facility for the students.

> The institution provides 30 computers in the Research Laboratory with internet facility for the students.

Any Other

> 10 Mbps dedicated leased line from BSNL.
> Software Smart Guard firewall.
> 100/1000 Mbps LAN for the whole campus.
> Biometric Staff Attendance Management System.
> Centralized Data Center.
> LCD Projectors   : 22 No's
> Printers : 49 No's (Laser: 44, Dot matrix: 5)
> Scanner : 01 (11 Printers facilitate with scanner)
> Headset   : 60 Nos.

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

> A total number of 618 computers are available for the faculty members and students.
> The browsing center consists of 50 systems with 12 Mbps Internet connections is open to the faculty members and students on all working days till 7.00 P.M.

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

> Provisions are represented in the annual budget for addition of computer systems.
> Updated versions of existing software's are regularly replaced with the old ones.
> Proposal to classrooms to be made smart and interactive.
> Proposal to increase the bandwidth of internet facility (12 Mbps).
> Proposal to set up e-learning lab for the students and faculty members.

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

S.No	Name of the Items	Year Wise Budget (in Lakhs)			
		2011-12	2012-13	2013-14	2014-15
1	Computer Equipment	35.9	24.2	7.3	28.0
2	Software	7.89	0.29	1.8	2.08
3	Consumables	0.17	0.23	0.63	0.71
4	Internet	1.8	3.3	1.76	1.75
5	Spares	0.12	0.39	0.07	0.366
	Total	45.88	28.41	11.56	32.90

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

➢ Open access E-learning materials (NPTEL of IITs and web courses)

➢ Webinars enables both the student and faculty members to interact with the subject experts across the continents.

➢ Analysis of student's feedback is generated using software.

➢ Lesson plans are prepared in a standard format includes computer-aided teaching / learning materials such as Screen casting, Power point presentation, NPTEL videos etc.,

➢ Attendance and Internal Assessment are carried out through software.

➢ The entire official circulars are sent to the faculty members using group mail facility.

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

- The institution has a large collection of online resources such as NPTEL, E-journals, e-books.

- Well-equipped computer laboratories and LCD projectors are available for the faculty members for conducting seminars, workshops, computer aided training, faculty development programs and conferences.

- E-journal and e-library facilities are available for both the students and faculty members.

- Various Faculty Development Programs are conducted regularly.

4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating University? If so, what are the services availed of?

YES, NPTEL and IIT Workshops and online webinars are available.

4.4 MAINTENANCE OF CAMPUS FACILITIES

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

MAINTENANCE EXPENSES (in Lakhs)

S. No	HEAD	2010-11	2011-12	2012-13	2013-14	2014-15
1	Building	2.40	3.00	3.60	10.70	6.50
2	Equipment	0.20	0.65	1.22	1.20	0.80
3	Computer	0.15	0.20	0.22	0.29	0.30
4	Furniture	0.15	0.22	0.17	0.17	0.15
5	Others	0.10	0.15	0.25	0.16	0.15
	Total	**3.00**	**4.22**	**5.46**	**12.52**	**7.9**

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

- Civil maintenance department looks after all the construction and maintenance works in the campus.

- A separate electrical maintenance team is functioning under a senior electrical

engineer to look after electrical maintenance in the campus.

➢ The institution has efficient housekeeping system consisting of gardeners, sweepers and scavengers. The entire system is monitored by housekeeping supervisors.

➢ The institution has a generator with the capacity of 125 KVA.

➢ The Institution has 4 external telephone lines, and an expandable line (Intercom – 50) which connects all the departments.FAX facility is also provided. In Addition with separate mobile phones are provided for each department.

➢ The class rooms, office rooms and corridors are regularly swept and mopped.

➢ In a regular maintenance, contractual agreement with local service providers is in place to maintain the drinking water machines and toilet cleaning system.

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

➢ Annual maintenance and repair of the infrastructure is taken care by the institution systematically.

➢ The institution periodically calibrates and repairs the laboratory instruments with the help of respective engineers and suppliers.

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

The major steps takes by the institution to upkeep and maintain the sensitive equipments are as follows:

➢ The institution has installed UPS and Stabilizers for sensitive equipments in the premises to prevent from high voltage fluctuations.

➢ The institution MCB's takes care of voltage fluctuation and switch fuse in case of short circuits.

➢ Two generators (125KVA) with stand-alone facility are available for the entire campus and hostels.

➢ 5000 Litres of quality, clean and healthy drinking water is supplied per day through Reverse Osmosis (RO) water Treatment Plant.

5.1   Student Mentoring and Support

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

YES, Handbook of the institution is published periodically for the benefit of students. It contains Institute's Vision, Mission, Quality Policy, Courses offered by the institution, Members of the Management, Rules and regulations of the institution, Dress code to be followed by the students and the scholarship details. Academic calendar is issued per semester containing the detailed schedule of the internal and various tests and events organized by the institute and the same is also published in Institution's website and Notice board.

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

S. No	Particulars	2012-13		2013-14		2014-15	
		No of Students	Total Amount (in Rs.)	No of Students	Total Amount (in Rs.)	No of Students	Total Amount (in Rs.)
1	BC/MBC Scholarships	189	732710	669	2821470	896	3643785
2	SC/ST Scholarships	56	812500	91	3765000	125	5890000
3	Minorities Welfare- Merit Cum Means Scholarship	-	-	-	-	6	120000
4	First Graduate Scholarship I Year	205	4100000	216	4320000	204	4080000
5	First Graduate Scholarship - Direct II Year	65	1300000	36	720000	25	500000
6	First Graduate Scholarship - II Year	311	6220000	246	4920000	242	4840000
7	First Graduate Scholarship - III Year	215	4300000	107	2140000	224	4480000

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

Students belonging to different communities shall receive the scholarship allocated by the State / Central government based on their family income. Economically weaker sections are identified and proper scholarships have been given to the students by the institution. In addition to that, Multinational agencies are providing necessary support for the students in terms of financial assistance. Nearly 85% of the students get financial benefit by the scholarships.

5.1.4 What are the specific support services/facilities available for

Students from SC/ST, OBC and economically weaker sections

Students from SC/ST, BC and economically weaker sections are identified during the admission and seats are allocated under state government admission policy. They are supported by the scholarships provided by the government schemes and also the management provides free transportation and books. These students are taken care in the premises.

Students with physical disabilities

Students with physical disabilities are supported by the faculty members and special care is given to them by giving priority in allocation of class rooms, exam halls and in canteen facilities. Ramp facility is available in the institution for their convenience. Scholarships and relevant funding support are provided from time to time.

Overseas students

Students from foreign countries are not admitted so far from the inception of college. If they were admitted in the future, necessary facilities will be provided based on their needs.

Students to participate in various competitions/National and International

Students are encouraged to participate in National/ International competitions organized by various societies/ organizations. Information regarding the competitions are displayed in the institutions/departments notice board. They are allowed to participate by providing necessary on-duty. Implementation is carried out by providing the internet connection through Wifi/LAN and Library resources. Winners of the competitions are appreciated by displaying in the institution/department notice board.

Medical assistance to students: health Centre, health insurance etc.

A general physician is available in the college premises. Vehicle facility with the driver is readily available on emergency basis. All the laboratories are equipped with the first aid box. Special doctors visits the campus and hostel periodically. In addition to that, separate camps are arranged through the Youth Red Cross and NSS cell of the institute in association with recognized hospitals of the city.

Organizing coaching classes for competitive exams

Institution regularly organizes classes for the preparation of interviews and competitive exams. A co-ordinator is appointed in each department to handle the classes and resource persons are invited from outside organizations for additional inputs. Library is equipped with GATE and other competitive exam materials for all the departments.

S. No	Name of the Trainer, Designation & Company details	Name of the Programme	Department	Date
	Academic year 2012-13			
1	Mr.M.S.JAYACHANDRAN, Managing Partner, Iris HR Management Consultancy, Erode.	Marketing Methods	MBA	03.7.12 to 06.7.12
2	Ms.S.KALPANA, Trainer, Gateway Management, Tirupur.	Outbound Training	MBA	01.08.12
3	Mr.ASAITHAMBI, Rooman Technologies, Chennai	PHP	CSE	15.9.12
4	Ms.KAVITHA, Ms.ANJALI Coimbatore	Workshop	ECE	27.9.12
5	Mr.RAM Smart Training Resource India Private Ltd, Coimbatore	Soft Skills & Aptitude	ECE	04.10.12 to 06.10.12
6	Mr.BALASUBRAMANIAM, TNPSC Trainer, Synergy Study Centre, Tirupur	Special Training for TNPSC exams	MBA	16.10.12 to 18.10.12

7	Mr.S.SUNDRAMOORTHY MD - Sunshiv Electronics, Coimbatore	PCB Design	ECE	12.12.12
8	CA.N.SIVACHALAM, Auditor, HBS Associates, Tirupur	C A Training	MBA	24.02.13
9	Mr.BALA, Aptitude Trainer, Students Academic Success Tirupur	Bank coaching	MBA	11.03.13 to 13.03.13
Academic year 2013-14				
10	Ms.S.KALPANA, Trainer, Gateway Management, Tirupur.	Outbound Training	MBA	11.07.13
11	Mr.BALA, Aptitude Trainer, Students Academic Success Tirupur	Bank Coaching	MBA	29.07.13 to 30.09.13
12	Mr.ARAVIND Trainer	Aptitude	All Dept Final Years	22.7.13
13	Mr. JOEL JESU ROY RVS Group of Institutions, Sulur	Soft Skills	All Dept Final Years	26.7.13
14	Ms.HEMALATHA	.Net	CSE	1.8.13 to 5.8.13
15	Mr.MATHYALAGAN, MD- ACCET, Coimbatore	Testing	All Dept Final Years	6.8.13 to 10.8.13
16	Ms.RAJENDRAN, VEE EEE Explore, Coimbatore	Skill Development Training	ECE	22.8.13
17	CA.N.SIVACHALAM, Auditor, HBS Associates, Tirupur	Accounting Standards	MBA	09.10.13
18	Mr.R.KARTHICK & Mr.SAI PRADEEP AP/ Dr. NGP college of Technology, Coimbatore.	Network Fundamentals Training	ECE	4.1.14

19	Dr.S.GUNASEKARAN HOD/CSE, CIET, Coimbatore	Cloud Sim	CSE	23.1.14
20	Mr.K.LOGESHWARAN, Senior software Engineer, Embegins Technology, Namakkal	Embedded System Design In VLSI Technology	ECE	24.1.14
21	Mr.I.NEDUMARAN	Grid Management	EEE	20.2.14
22	Mr.BALASUBRAMANIAM TNPSC Trainer, Synergy Study Centre, Tirupur	Special Training for TNPSC exams	MBA	24.03.14 to 29.03.14
Academic year 2014-15				
23	Mr.BALA, Aptitude Trainer, Students Academic Success, Tirupur	BANK COACHING	MBA	16.06.14 to 15.10.14
24	SOFTDRIZZLE PRIVATE LTD	PLACEMENT ORIENTATION	All Dept Final Years	8.7.14
25	Mr.ANDREW, Sri Krishna I.tech, Coimbatore	JAVA & ITS APPLICATIONS	CSE	15.7.14
26	Mr.S.JOTHIRAMALINGAM, CEO-Piccasso, Pollachi	OUTBOUND TRAINING	MBA	20.07.14
27	Mr.BALA Aptitude Trainer, Students Academic Success, Tirupur	APTITUDE	All Dept Final Years	22.7.14
28	Mr.THANIKACHALAM Aptitude Trainer	APTITUDE TRAINING	All Dept Final Years	4.8.14 to 5.8.14
29	Mr.K.MOHANAPRANESH MD, Barani Hydraulics India Pvt Ltd, Coimbatore	TECHNICAL TRAINING	MECH	6.8.14 & 29.10.14
30	Mr.V.PARTHIPAN	PLC	EEE	21.8.13 to 24.8.14
31	Mr.BALASUBRAMANIAM,	SPECIAL	MBA	01.09.14 to

	TNPSC Trainer, Synergy Study Centre, Tirupur	TRAINING FOR TNPSC EXAMS		10.09.14
32	Mr.ARUNVARMAN, Edigita Technologies, Coimbatore	WEB DESIGNING & PHP	CSE	6.10.14 to 11.10.14
33	Mr.NAVANEETH Crisp Systems, Coimbatore	ANDROID APPLICATION	CSE	20.8.14
34	Mr.E.MURUGAN, R&D Engineer Arche Biologics Mr.GOPAL , Embedded Engg, STEPS Knowledge Service	SKILL DEVELOPMENT PROGRAM	ECE	21.8.14 & 22.8.14
35	Mr.BARANITHARAN, AP/CSE SREC, Coimbatore	HADOOP TOOL	CSE	27.8.14
36	Ms.K.DHIVYA, DOD Training Academy, Coimbatore	C & C++ TRAINING	CSE	22.12.14 to 31.12.14
37	Mr.V.PARTHIPAN	PLC	EEE	05.01.15 to 08.01.15
38	Mr.E.MURUGAN, R&D Engineer Arche Biologics Mr.GOPAL , Embedded Engg, STEPS Knowledge Service	PCB DESIGN	ECE	19.1.15 & 20.1.15
39	Mr.J.SATHIS, Poras technologies, Coimbatore	ASP .NET	CSE	20.1.15 to 22.1.15
40	Ms.L.PAVITHRA, Financial Analyst, way2wealth management, Bangalore	STOCK MARKET TRAINING	MBA	22.01.15
41	Mr.N.BALACHANDER Regional Manager, Students Academic success	APTITUDE TRAINING	MECH	28.1.15 to 14.4.15
42	CA.N.SIVACHALAM, Auditor,HBS Associates, Tirupur	C A Training	MBA	04.02.15
Academic year 2015-16				
43	Mr.PRABHU,	ANDROID MOBILE	CSE	4.8.15 to

	Purple Pro, Coimbatore	DEVELOPMENT		8.8.15
44	Ms.A.GOIKILAVANI, Mr.A.M.RAVISHANKKAR, Mr.M.ARUNKUMAR AP/CSE, JSRGI	VB FRAMEWORK	CSE	7.8.15 to 8.8.15
45	Ms.K.DHIVYA, DOD Training Academy, Coimbatore	JAVA PROGRAMMING	CSE	10.8.15 to 12.8.15
46	Mr.M.ARUNKUMAR AP/CSE, JSRGI	PHP	CSE	14.10.15

Skill development (spoken English, computer literacy, etc.,)

Institution has common language lab with software's installed to improve the communication skills. Language forum called "ANNORA" club is functioning in the institute to develop the communication skills right from the first year. This club encourages the students to participate in debates, group discussions and to deliver speeches. Well trained senior students support the juniors to appear for the interviews. Software club supports the students to enhance their computer proficiency. Fundamentals are taught in the beginning and advanced level training at the later years.

Support for the "slow learners"

Slow learners are identified on the basis of their performance and special classes are arranged by the institution during extended hours. Class advisors and mentors guide the students by counseling on their personal as well as the academic problems. Mathematics and core subjects are given additional hours along with tutorial faculty for guiding the needy students. Question bank is provided for all courses at the earliest to practice.

Exposure of students to other institution of higher learning/ corporate/business house etc.

Industrial visits are arranged once/twice in a semester to enhance the course related

practical exposure. Inplant training in the industries are permitted. Students are encouraged to do their final year project in industries along with internships. Periodical guest lectures from various institution and industrial experts are arranged for the same cause. Students are permitted to attend the workshops/ seminars/ conferences organized by other institutions.

Publication of student magazines

Institution publishes the college annual magazine "REVISTA" during the month of

April in every year. Faculty members and students act as the co-ordinators for the magazine. The students contribute their research findings, articles, creative writings and drawings. Newsletter is published once in four months. Magazine and Newsletter enrich the students creativeness and innovations.

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

<div align="center">

ENTREPRENEURSHIP DEVELOPMENT CELL

</div>

EDC Coordinator: Dr.P.Megaladevi MBA, M.Com, M.Phil, Ph.D Dean,

School of Management Studies

Jay Shriram Group of Institutions

Mobile: 9942169575, 9585591407.

Email : deanjsrsms@gmail.com.

Inauguration of ED Cell in institution: 15.03.2011

Objective of EDC:

➢ To create awareness, motivate and encourage the development of entrepreneurial skills and knowledge among the students.

➢ To identify the vast entrepreneurial resources that exists in the local environment that can be utilized for sustainable development.

➢ To facilitate training programmes in collaboration with various organization of repute, having expertise in a wide range of appropriate technologies that will equip and subsequently empower students for self-employment.

➢ To organize the certificate or diploma courses as an added advantage to students for self-employment.

<div align="center">

PROGRAMMES ORGANISED THROUGH EDC

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S .No.	Date	Programme	Name of the Chief Guest
1	15.3.11	Inauguration of ED Cell	Mr.P.S.VENKATESWARAN AP,PSNA CET, Dindigul
2	14.4.11	Guest Lecture on Entrepreneurship Skills	Mr.T.A.B.BARATHI Vice Chairman, Chennai Branch, Indian Institute Of Materials Management,Chennai.

3	2.5.11	Soft Skill Training Programme	Mr.SUJU THOMAS Soft Skill Trainer
4	12.8.12	Guest Lecture on Entrepreneurship Development	Mr.S.BHARATHI Mahindra Sathyam Bangalore
5	18.10.12	How To Become Successful Entrepreneur	Mr.T.K.KARUPPANASAMY MD,Bharani Hydraulics, Coimbatore
6	13.1.12	Entrepreneurial Competencies	Mr.K.M.SUBRAMANIAM K.M.Knitwears Tirupur
7	13.1.12	Guest Lecture On The Success Story Of Indian Entrepreneurs	Dr.K.BALASUBRAMANIAM CEO & Director ,MBA Sapthagiri College of Engineering Dharmapuri.
8	8.9.12	Personality Development Programme & Edp	Mr.K.PARIVALLAL CEO DMW CNC Centre, Erode
9	6.10.12	Opportunities For Thriving Entrepreneur	Mr.R.RAJAGOPAL, Lead district Manager, Tirupur.
10	10.12.12	Entrepreneurship Development	Mr. VALEN THANAGARAJ & Mr.R.SARAVANAN, Frendz Trading, Erode
11	8.3.13	ED – Guest lecture Rejuvenation in Entrepreneurship	Mr.P VELUSAMY, CEO,Vipinco Innovations, Tirupur.
12	12.8.13	Personality Development Programme & Motivational Speech	Mr.T.MURALI MD,Sparkles Aptitute Trainner, Chennai.
13	16.10.13	Guest Lecture on Successful Entrepreneurs	Mr.INDAR SARATH Head, ERP Wheels India,Chennai
14	28.1.14	Personality Shore-Up	Dr. R. KARUPUSAMY, Director, Management Studies, Nehru Institute of Technology, Coimbatore.
15	31.7.14	Investor Awareness Programme	Mr.SIVADHASAN, Asst.Registrar of Companies, Coimbatore.

16	22.8.14	Secrets Of Success-To Be An Successful Person	Dr.PAUL SUNDER KIRUBAKARAN Faculty in International Business Administration, College of Applied Science, Nizwa, Sultanate of Oman.
17	16.9.14	Professional Skill Development	Dr.A.TAMILARASU, Associate professor, Department of Cooperatives(ICDS), Ambo University, Ambo-Ethiopia, East Africa.
18	20.10.14	Job Opportunities For Mba Students	Mr.ASHOK, CA, Coimbatore.
19	1.12.14	Industrial Visit	Tex Valley, Erode.
20	16.2.15	Facing interview and Personality development	Dr. R.T.SAROJA Professor in Education, Mother Teresa University, Kodaikannal.
21	2.9.15	Self Development	T.S.MANIAM TS Maniam and Associates, CBE.
22	11.9.15	Importance Of Goals	Mr.SWAMI VISWANATHAN, Trainer,HR and Project Manager, Salem.
23	18.9.15	Channelizing Your Thoughts	P.V.SRIRAMAN, CEO, Green Whispers, Chennai.

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

∗ **Additional academic support, flexibility in examinations**

∗ **Special dietary requirements, sports uniform and materials**

∗ **Any other**

The Institution is committed to motivate the students to participate in extra curricular and cultural activities through "Fine arts club". Continuous encouragement and appreciation is provided to the students. Extra classes are organized for those who are interested to participate in the sports, games, Quiz competitions, debate and discussions and cultural

activities. Re-exams are conducted if they missed their internal tests. Special care is given to the students who are interested in sports. Travel allowance, sports uniform and sports kit are provided to the students for enhancing them to participate in the inter college sports tournaments. The prize winners and achievers are encouraged by displaying their photograph with appreciation in the college notice boards and web sites.

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

The library is equipped with the books and materials for preparing the competitive exams. Guest lectures and the seminars by eminent persons are arranged periodically for enhancing the students to appear in these exams. Faculty members provide enough support by identifying the student's interest in the selected fields.

Exam	2012-13		2013-14		2014-15	
	Appeared	Qualified	Appeared	Qualified	Appeared	Qualified
TANCET	-	-	9	6	4	4
GATE	19	-	22	-	18	-
GRE	-	-	1	1	1	1
TOFEL	1	1	-	-	-	-
TNPSC	2	1	13	-	1	-

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

Academic

Class advisor is allocated to every class for monitoring and guiding the students in all academic aspects. A separate book of record is maintained for individual comprising of various details regarding the students like their marks, performance, industrial visits, Inplant training, extracurricular and co-curricular activities. The performance in all the aspects is monitored by the advisor and appreciation/ advices are provided then and there in the necessary cadre. Class committee meetings are organized thrice times in a semester so as to

discuss the pros/cons of the course as well as other activities.

Personal

A faculty member is assigned as a mentor for every student to attend individually the personal problems and their academics. Mentor takes care of the role of a counselor and provide necessary motivations in all their aspects during their stay in the college.

Career

Placement Director, Placement officer and placement co-coordinators from each department takes care of the placement and training activities of the institution. The lagging area of the student is identified and one to one coaching in language development; aptitude preparation and personality development are arranged. Industry experts and trainees assists the students in blooming their soft skills and other skills by the placement cell.

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

Institution has a Training and placement cell (T&P Cell) headed by a placement Director, placement officer and a Placement co-ordinator for each department. Placement cell interacts with many organizations and arrange campus interviews for the final year students. To perform well in the interviews, the students are trained by experts from specialized organizations. Soft skill training, aptitude training, Group discussions, mock interviews are arranged by the internal/ external resource persons right from the first year. T&P cell insists the students to take up online test regularly during their extended hours.

Branch	Year	No. of Students placed	% of Placement	Name of the Employer
CIVIL	2013-14	7	19	VTECH POWER ENGINEERING PVT LTD RAASI CONSTRUCTIONS
	2014-15	2	4	SUBHA BUILDERS AND DEVELOPERS (INDIA) PVT. LTD.

CSE	2012-13	24	65	COGNIZANT TECHNOLOGY SOLUTIONS TURING SOFTWARES ROOMAN TECHNOLOGIES C-CUBED SOLUTIONS BHIPL GREEN STALLION BHIPL ORIONSIS OBJECT 365 MEDIA ANDRO RIS
	2013-14	37	58	INDIA HEALTHCARE SOLUTIONS Pvt. Ltd., GLOBAL TRENDZ RAASI CONSTRUCTIONS, SPORTS INSIGHT TECH
	2014-15	17	40	E DIGITA TECHNOLOGIES TECH MAHINDRA ANAAMALAIS TOYOTA BEST CORPORATION LIMITED N PLUS TECHNOLOGIES NCR CORPORATION BONFRING TECHNOLOGY SOLUTIONS
ECE	2012-13	56	88	RIS ANDROMEDA KSR INFO TECH AQUA PURE PLUS GREEN STALLION TECH MAHENDRA USHA FIRE SYSTEMS SUN GROUPS ROOMAN TECH DIGITAL NIRVANA M.K.SOLUTIONS ASM DIARY GROUPS GUNVANT HARDWARD MART SL LUMAX

				C CUBED SOLUTION
	2013-14	54	72	INDIA HEALTH CARE SYSTEM CSS CORP GLOBAL TRENDS TELESONIC SOFT DRIZZLE RA FAX OLAMIC SOLUTIONS SL LUMAX CTS INFOSYS TELESONIC
	2014-15	55	58	PERFECT ELECTRONICS TECH MAHINDRA MINDRA SAI GROUP ACT-FIBER NET KGISL SL LUMAX MEHALA MACHINARY AZEL PVT.LTD EP TECHNOLOGIES CTS MOBIOUS 365 KNOWLEDGE SERVICE
EEE	2012-13	24	51	AQUA PURE PLUS KSR INFO TECH USHA FIRE SAFETY EQUIPMENTS PVT LTD GREEN STALLION NETWORK
	2013-14	50	73	INDIA HEALTHCARE SOLUTIONS PRIVATE LIMITED UCAL FUEL SYSTEMS LIMITED GLOBAL TRENDZ V-TECH POWER ENGINEERINGI AIRTEL-TELESONIC NETWORKS LIMITED SL LUMAX CSS CORP
	2014-15	15	41	PERFECT ELECTRONICS TECH MAHINDRA MINDA SAI GROUPS SL LUMAX BARANI HUDRAULICS ASIAN PAINTS

				ANAMALAIS TOYOTA
				N PLUS TECHNOLOGIES
	2012-13	33	49	S.L.LUMAX SAKTHI AUTO COMPONENT ACE TECH SAINT GOBAIN
	2013-14	51	68	S.L.LUMAX PRECISION ENGINEERING GOVT APPRENTICE JALNA AUTO INDUSTRY SENTHUR POLYTECHNIC COLLEGE GNAMANI ENGINEERING COLLEGE PADMASRI POLYTECHNIC COLLEGE BARANI FERRO CASTING UCAL FUEL SYSTEMS SURFINE TOOLS TEXMO ENGINEERING
MECH	2014-15	101	77	MEHALA MACHINERIES YUKEN INDIA PVT LTD SHREEJA ENTERPRISES RAJSRIYA AUTOMOTIVES GESCO BARANI FERRO CASTING INDIA PVT.LTD ASIAN PAINTS LMW QATTRO SAKTHI GEARS PRODUCTS S.L.LUMAX HANIL AUTOMOTIVE DONG SUNG AUTOMOTIVE KOYAMA PRECISION WORKS TVS SUNDARAM BHIPL SAINT GOBAIN

				AMBAL AUTO
				ELGI TYRE THREADS
				SURFINE TOOLS AQUA SUB
				GTN ENGINEERING
				BALAJI ENGINEERING
				INTEGRA AUTOMATION
				TECH MAHINDRA
				ANAMALAIS TOYOTA
				ROYAL TYRES
				MIL CONTROLS KERALA
				SAKTHI FOUNDRY
MBA	2012-13	65	81.02	INFOSYS TECHNOLOGIES LTD
				HCL TECHNOLOGIES
				MUTHOOT FINANCE
				AXIS BANK
				DELL
				EASTMAN EXPORTS-TIRUPUR
				RENAULT NISSAN
				JUPITER KNITTING COMPANY
				RELIANCE COMMUNICATION
				SULOCHANA TEXTILES, TIRUPUR
				COOPERATIVE BANK, TIRUPUR
				APPOLLO HOSPITALS, CHENNAI
				IDBI BANK
				JAYACHITRA GARMENTS,TIRUPUR
	2013-14	62	82.67	KPMG
				HCL TECHNOLOGIES
				MUTHOOT FINANCE
				MAGHALA MACHINARIES
				THE CHENNAI SILKS
				AIRTEL
				SCM TEXTILES
				JUPITER KNITTING COMPANY
				SULOCHANA TEXTILES, TIRUP COOPERATIVE BANK, TIRUPUR

5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

Institution has a Student grievance redressal cell for taking care of the problems in all aspects. Suggestion box is placed at certain terminals like hostels and the reception. Whenever the students find any grievances, it is sorted out by the committee members immediately. Professor rank faculty members in gents and ladies function under this cell. Some of the grievances like Gym facility, Hot water facility, Indoor games in the hostels are addressed and the solutions are provided in a timely manner. On students request, Newspaper distribution and yoga classes have also arranged.

5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

Women Empowerment Cell will take care of the problems related to sexual harassment. A faculty co-ordinator is appointed in each department for taking care of the issues if any addressed.

5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

The institution is very cautious regarding the ragging and has set up an anti-ragging committee with Principal as the convener and all the Head of the departments as the member. Anti-ragging directions are displayed in the institution website and notice board. Faculty members interact with the fresh students and make vigilant notice on this aspect. Discipline committee takes care of ragging issues. There is a nil case worth mentioning reported so far.

5.1.13 Enumerate the welfare schemes made available to students by the institution.

➢ Scholarship and financial assistance are available to the meritorious students and economically weaker sections.

➢ Value added courses are arranged to all the students at free of cost.

➢ Students shall utilize the Canteen and bus facilities at reasonable rates.

➢ Students are encouraged to become the members of professional bodies to facilitate the fee concession in event participation in intercollegiate activities.

➢ Group insurance is available to the students and their families for availing financial assistance during emergency situations.

5.1.14 Does the institution have a registered Alumni Association? If 'yes', what are its activities and major contributions for institutional, academic and infrastructure development?

YES, the institution has a registered Alumni association. Meeting is organized once in a year. Alumni actively engage in the developmental activities of the institution by contributing in the form of References for placement and training, arranging special motivational speech and technical guidance in doing projects to the juniors. They also extend their contributions in arranging Industrial visits and Inplant training to the students. Few alumni has become entrepreneur and they also involve in providing necessary support for the upcoming entrepreneurs.

5.2 Student Progression

5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the trends observed.

Department	Student progression	2013 Passout	2014 Passout	2015 Passout
Civil	UG to PG	-	9	2
	PG to M.Phil.	-	-	-
	PG to Ph.D.	-	-	-
	Employed Campus Selection Other than campus recruitment	-	7 21	2 51
CSE	UG to PG	-	-	2
	PG to M.Phil.	-	-	-
	PG to Ph.D.	-	-	-
	Employed Campus Selection Other than campus recruitment	24 6	37 6	17 2
ECE	UG to PG	5	8	1
	PG to M.Phil.	-	-	-
	PG to Ph.D.	-	-	-

		56	54	55
	Employed Campus Selection Other than campus recruitment	4	5	11
EEE	UG to PG	2	-	-
	PG to M.Phil.	-	-	-
	PG to Ph.D.	-	-	-
	Employed Campus Selection Other than campus recruitment Employed	24 6	50 7	15 4
	UG to PG	2	4	3
	PG to M.Phil.	-	-	-
	PG to Ph.D.	-	-	-
	Employed Campus Selection Other than campus recruitment	47 4	24 8	106 7

5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (cohort wise/batch wise as stipulated by the university)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district.

S.No	Department	2013 Pass out		2014 Pass out		2015 Pass out	
		Appeared	Passed	Appeared	Passed	Appeared	Passed
1	Civil	-	-	37	32	55	39
2	CSE	37	28	64	62	43	35
3	ECE	63	48	78	64	95	76
4	EEE	47	36	58	35	37	23
5	Mech	67	61	75	72	132	120
6	MBA	81	57	80	69	75	56

Pass Percentage

S.No	Department	Year of Graduation		
		2013	**2014**	**2015**
1	Civil	-	89	71
2	CSE	76	97	81
3	ECE	76	82	80
4	EEE	77	60	62
5	Mech	91	96	91
6	MBA	70	86	75

5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

The institution offers PG programmes in all the disciplines and encouraged to pursue the higher education. Special lectures and seminars are arranged by inviting resource persons from eminent institutions and industries to have knowlwdge on current global challenges. Interested students are trained for competitive exams like GATE/TOFEL/TANCET. Invited lectures are done in the areas of higher education in India and Abroad. Inplant training and internship training in industries are allowed twice the semester for the students to enhance their employability skills.

5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

The below average students are identified by their academic class advisor by monitoring their performances in the tests conducted during class hours. Special classes and retests are conducted to enhance their academic knowledge during the extended hours. Special counseling sessions are organized by their mentors for analyzing their root cause for lagging in study and the same will be brought to the notice of their parents for improvement. Lecture notes and question banks are given by their respective course faculty members for making their preparation easier.

5.3   Student Participation and Activities

5.3.1   List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and program calendar.

The institution supports the students who are interested in sports, games, cultural and extracurricular activities. Students are encouraged to practice during the evening hours. They are also permitted with travel allowance and sports kit for participating in the university level tournaments.

Instituion has Fine Arts club to look after the competitions like debate, Quiz, Speech and essay writing for enhancing their communication skills. They also takes care of the student participation in solo and group dance, Singing and mono acting. Pongal and onam functions have been celebrated by involving the students with the faculty members, Principal and the Management.

Academic year	Date	Event Organizer	Details of event	No of Students Participated
2012-13	18.8.12	SOCIAL RESPONSIBILITY CLUB	Donated Fund To Eco Park For Children	43
	5.9.12	FINE ARTS CLUB	Teachers & Founders Day Celebration	150
	20.9.12 & 21.9.12	YOUTH RED CROSS CLUB	Eye Camp Program From Lotus Eye Care Hospital, Tirupur	620
	22.9.12	SOCIAL RESPONSIBILITY CLUB	Sponsored Electronic Goods To Mahatma Mercy Home, Amaravathipalayam	50
	27.9.12	FINE ARTS CLUB	Essay, Poem & Hand Writing Competition Regarding Gandhiji's Birthday	2
	5.10.12	FINE ARTS CLUB	South Zone Inter College Cultural Fete 2012	2
	19.10.12	FINE ARTS CLUB	Essay Writing Competition	44
	18.1.13 to 20.1.13	FINE ARTS CLUB	Oration, Verse Writing & Essay Writing Competition(Both Tamil & English)	150
	25.1.13 to 30.1.13	FINE ARTS CLUB	Essay, Poem & Hand Writing Competition	65

	26.1.13	WOMEN DEVELOPMENT CELL	Workshop On Computer Operations &Trouble Shooting For The Students Of Lrg Arts & Science Government College For Women, Tirupur	100
	15.2.13 to 22.2.13	FINE ARTS CLUB	Intra College Cultural Competition	230
	21.2.13 & 22.2.13	YOUTH RED CROSS	Blood Donation Camp With Government Hospital Tirupur	210
	8.3.13	WOMEN DEVELOPMENT CELL	International Women's Day Celebration	550
2013-14	15.7.13	NSS	Blood Donation Camp	400
	22.7.13 to 26.7.13	FINE ARTS CLUB	Essay, Poem & Hand Writing Competition	119
	28.7.13	FINE ARTS CLUB	Speech Competition	4
	31.7.13	WOMEN DEVELOPMENT CELL	Women's Health Awareness Program	160
	1.8.13	NSS	Voters List And Voters Id Issue Entry	140
	7.8.13	YOUTH RED CROSS	Yoga Awareness Program With Ramachandra Mission	540
	9.8.13	SOCIAL RESPONSIBILITY CLUB	Donated Wardrobe And Sweets To Tisso Orphanage	56
	24.8.13	WOMEN DEVELOPMENT CELL	Health Check Up Camp	150
	5.9.13	FINE ARTS CLUB	Teachers & Founders Day Celebration	150
	3.9.13 & 4.9.13	YOUTH RED CROSS	Speech Competition	320
	21.9.13	YOUTH RED CROSS	Eye Camp & Dental Camp With Vasan Eye Care	360
	20.10.13	FINE ARTS CLUB	Speech Competition	3
	21.10.13	SOCIAL RESPONSIBILITY	Sponsored Stationary Items To Real Trust Orphanage	86

		CLUB		
	26.10.13	NSS	Voters Awareness Rally	900
	2.1.14	NSS	NSS Students Included For Friends Of Police For The Benefit To Public	15
	11.1.14	WOMEN DEVELOPMENT CELL	Pongal Celebration	All Students & Faculty members
	24.1.14	NSS	Voters Day Function	350
	24.2.14 to 27.2.14	WOMEN DEVELOPMENT CELL	Intra College Cultural Competitions	222
	28.2.14	NSS	Friends Of Police One Day Training In Amman Kalaiarangam, Sirupooluvapatti, Tirupur	15
	6.3.14	NSS	Eye Camp Conducted From The Eye Foundation	430
	15.3.14	WOMEN DEVELOPMENT CELL	International Women's Day Celebration	550
2014-15	13.6.14	NSS	Rain Water Harvesting Awareness Programe	149
	25.6.14	NSS	Voters Awareness Rally	240
	13.7.14	FINE ARTS CLUB	Dance Competition	6
	20.7.14	SOCIAL RESPONSIBILITY CLUB	Issued Stationary Items To Tisso Orphanage, Tirupur	30
	2.8.14 to 5.8.14	FINE ARTS CLUB	Essay Writing & Handwriting Competition	133
	10.8.14	FINE ARTS CLUB	Best Students Award Exam 2014	37
	10.8.14	FINE ARTS CLUB	Speech Competition	3
	21.8.14 to 23.8.14	FINE ARTS CLUB	Essay, Poem & Hand Writing Competition	57
	1.9.14	FINE ARTS CLUB	District Level Speech , Essay, Poem & Writing Competition	21

			For College Students	
	5.9.14	FINE ARTS CLUB	Inter Collegiate Cultural Competition	20
	5.9.14	FINE ARTS CLUB	Teachers & Founders Day Celebration	All Management & Staff Members
	9.9.14	FINE ARTS CLUB	District Level Speech , Essay, Poem & Writing Competition For School Students	62
	12.09.14	YOUTH RED CROSS	Conduct Eye Camp For Students By Eye Foundation	454
	25.09.14 to 26.09.14	FINE ARTS CLUB	Essay, Poem & Hand Writing Competition	57
	29.09.14	FINE ARTS CLUB	Inter College Cultural Competition (District Level)	3
	02.10.14	YOUTH RED CROSS	Cycle Rally By Sri Sathya Sai Seva Organization	50
	18.10.14	FINE ARTS CLUB	Honoring Of 100% Result Achieving School In SSLC,HSC & CBSE	200
	21.10.14	SOCIAL RESPONSIBILITY CLUB	Provide Speech Trainer Kit To Deaf & Dump School, Murugampalayam	46
	15.11.14	NSS	Tree Plantation	160
	05.12.14	FINE ARTS CLUB	National Youth Day Cultural Competition	100
	07.12.14	FINE ARTS CLUB	Speech Competition	1
	10.01.15 to 11.1.15	FINE ARTS CLUB	EUPHORIA 14 Rebuilt	8
	14.01.15	WOMEN DEVELOPMENT CELL	Pongal Celebration	All JSRGI Students & Staff Members
	30.01.15	FINE ARTS CLUB	7TH Mega Inter College Cultural Competition	4
	20.02.15	FINE ARTS CLUB	Youth Personality Development Camp(Dance & Speech Competition)	11
	24.01.15	NSS	Voters Day Rally Pledge	690

	21.02.15	FINE ARTS CLUB	Cultural Competition	2
	6.04.15	FINE ARTS CLUB	Cultural Programs For Annual Day	35
	14.03.15	WOMEN DEVELOPMENT CELL	International Women's Day Celebration	All Girl Students & Staff Members

5.3.2 Furnish the details of major student achievements in co- curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.

SPORTS PARTICIPATION AND ACHIEVEMENTS

Year	Sports & Games	Level of Achievements	Venue	Position
2012	Athletic	Zonal Level	Kongu College of Engg. Perundurai	2 (deca)
				3 (200mts sprint)
				3 (5kms walk)
2013	Chess	State level Open	Karur	4
		District	Tirupur	4
	Athletic	Zonal Level	Kongu College of Engg, Perundurai	2(deca)
				2(pole-vault)
				3(shot-put)
	Kabaddi	Zonal Level	SSM College of Engg, Kumaramangalam	4
	Karate	All India level	Tirupur	3(fight), 3(kata)
		State level	Thanjavur	1(fight), 3(kata)
2014	Karate	All India level	Udumalpet	3
		State level	Thanjavur	1
		National level	Tirupur, Rotary	3
		District level	Tirupur	1
		All India Level	Thanjavur	2(kata),

		State level	Kerala	1(kumite)
		State level	Mepco, Sivakasi	1
		State level	Vellore	3
		State level	Salem	3
		02.08.2014	Tirupur	1
2015	Karate	All India level	Udumalpet	1(fight)
		State level	Thanjavur	1(fight)
		District level	Tirupur	1(fight)
		State level	Thanjavur	2(fight)

EVENT PARTICIPATION

DEPARTMENT OF CIVIL

S.No	Name of the Student	Year of Study	Event Participated	Date	Venue	Awards Earned
1	P.Gowtham	III	Dumb – C Technical	4.10.13	VV College Of Engg	I
2	S.Thangaraj	III	Dumb – C Technical	4.10.13	VV college of Engg	I
3	V.Prabu	III	Treasure Hunt	17.3.14	Kalaivani College of Technology	I
4	E.Ashok Kumar	III	Cad Modeling	22.2.14	EBET	I
5	T.Prakash	II	Mono Acting	27.1.14	Adhiyamaan College of Engineering	II
6	G.Raja	II	Mono Acting	27.1.14	Adhiyamaan College of Engineering	II
7	P.Gowtham	III	CAD Caribre	27.2.14	KPR IET	II
8	N.Arun	IV	Baloon Blaster	12.8.15	Sri Krishna College of Technology	I
9	R.Saravanan	III	Poster O Zap	19.8.15	Sasurie College of Engg	II
10	R.Saravanan	III	Paper O Zap	19.8.15	Sasurie College of Engg	III
11	B.Balachandar	III	Paper O Zap	19.8.15	Sasurie College of Engg	III
12	B.Balachandar	III	Paper O Zap	19.8.15	Sasurie College of	II

					Engg	
13	S.Sakthivel	II	Cube Testing	19.9.15	Sasurie College of Engg	I
14	V. Vijayakumar	II	Cube Testing	19.9.15	Sasurie College of Engg	I
15	B.Balachandar	III	Poster Presentation	19.9.15	Sasurie College Of Engg	II
16	S.Tamilarasan	III	Tech Quiz	21.9.15	Professional College	II
17	S.Tamilarasan	III	Clay Modeling	21.9.15	Professional College	I
18	V. Yuvaraj	III	Clay Modeling	21.9.15	Professional College	I
19	S. Viswanathan	III	Tech Quiz	21.9.15	Professional College	I
20	C. Guru saravanan	III	Tech Quiz	21.9.15	Professional College	I
21	V. Yuvaraj	III	Tech Quiz	21.9.15	Professional College	II
22	M. Prakash	III	Paper Presentation	21.9.15	Professional College	I
23	D. Vignesh	III	Paper Presentation	21.9.15	Professional College	I
24	J. Karthi	III	Quiz	25.9.15	Sri Shakthi IET	II
25	R. Ramesh	III	Quiz	25.9.15	Sri Shakthi IET	II
26	C. Guru saravanan	III	Paper Presentation	25.9.15	Sri Shakthi IET	II
27.	M. Prakash	III	Paper Presentation	25.9.15	Sri Shakthi IET	II
28	R. Saravanan	III	Poster Presentation	25.9.15	Sri Shakthi IET	II
29	K. Tamilarasan	III	Poster Presentation	25.9.15	Sri Shakthi IET	II
30	R. Ramesh	III	Poster Presentation	25.9.15	Sri Shakthi IET	II

DEPARTMENT OF CSE

S.No	Name of the Student	Year of Study	Event Participated	Date	Venue	Awards Earned
1	M.Nagaraj	III	Multimedia	28.9.12	M.P.Nachimuthu M.Jaganathan Engineering College	I
2	S.Anbarasu	II	Technical Quiz	17.09.12	JSRGI	III
3	S.Velprakash	III	Multimedia	28.9.12	M.P.Nachimuthu	I

					M.Jaganathan Engineering College	
4	M.Sangeetha	I	Project Presentation	17.9.12	JSRGI	III
5	E.Priya	I	Project Presentation	17.9.12	JSRGI	III
6	N.Saranya	I	Project Presentation	17.9.12	JSRGI	III
7	L.Mohammed Irfan	IV	Paper Presentation	5.9.13	SNS College Of Engineering	II
8	S.Muthurangasamy	IV	Paper Presentation	5.9.13	SNS College Of Engineering	II
9	B.Sindhuja	II	Essay Writing(Tamil)	15.02.13	JSRGI	I
10	B.Sindhuja	II	Essay writing(english)	15.02.13	JSRGI	I
11	B.Sindhuja	II	Verse Writing	15.02.13	JSRGI	II
12	B.Sindhuja	II	Solo Dance	15.02.13	JSRGI	II
13	B.Sindhuja	II	Oration(English)	15.02.13	JSRGI	I
14	B.Sindhuja	II	Debate	15.02.13	JSRGI	I
15	B.Sindhuja	II	Quotes Writing	15.02.13	JSRGI	I
16	B.Sindhuja	II	Drawing	15.02.13	JSRGI	II
17	S.Saraswathi	II	Group Dance	15.02.13	JSRGI	I
18	S.Anbarasu	II	Code Master	11.04.13	JSRGI	III
19	B.Sindhuja	III	Oratorical Competition	04.9.13	JSRGI	I
20	M.Manibharathi	III	Code Debugging	15.2.14	Tejaa Shakthi Institute Of Technology For Women	I
21	S.Anbarasu	III	Paper Presentation	15.2.14	Tejaa Shakthi Institute Of Technology For Women	I
22	B.Sindhuja	III	Project Expo	20.2.14	Dr.Mahalingam College Of Engineering & Technology	II

23	K.Sabarinath	III	Paper Presentation	21.2.14	SVS College Of Engineering	III
24	B.Sindhuja	III	Speech(English)	24.02.14	JSRGI	II
25	M.Manibharathi	III	Solo Song	24.02.14	JSRGI	I
26	B.Sindhuja	III	Oratorical Competition	24.02.14	JSRGI	I
27	S.Anbarasu	III	Paper Presentation	07.02.14	Terf's Academy College Of Arts & Science	II
28	V.Maheswaran	III	Debugging	07.02.14	Terf's Academy College Of Arts & Science	II
26	V.Maheswaran	III	Quiz	07.02.14	Terf's Academy College Of Arts & Science	I
27	A.Arunraja	III	Quiz	07.02.14	Terf's Academy College Of Arts & Science	I
28	A.Arunraja	III	Debugging	07.02.14	Terf's Academy College Of Arts & Science	II
29	C.Pavithra	II	Add-Mad	13.2.15	R.V.S College Of Engineering & Technology	II
30	B.Satheeshkumar	II	Best Engineer	17.3.15	Sasuire College Of Engineering	II
31	B.Satheeshkumar	III	Quiz	17.3.15	Sasuire College Of Engineering	II

<p style="text-align:center">DEPARTMENT OF ECE</p>

S.No	Name of the Student	Year of Study	Event Participated	Date	Venue	Awards Earned
1	R. Sivakumar	III	Vegetable Carving	10.6.12	JSRGI	III
2	A. Monoranjitham	III	Academic Excellence	10.6.12	JSRGI	II
3	V. Hema	III	Quotes	10.6.12	JSRGI	III
4	V. Hema	III	Versb Writing	10.6.12	JSRGI	II

5	V. Hema	III	Question Twister	10.6.12	JSRGI	I
6	V. Hema	III	Rangoli	10.6.12	JSRGI	III
7	M. Sridevi	II	Paper Presentation	18.9.12	JSRGI	III
8	M. Ponnusamy	II	Google Finder	18.9.12	JSRGI	III
9	R.Naveen Kumar	III	Project Presentation	18.9.12	JSRGI	I
10	K.Dhivithra	III	Circuit Debugging	18.9.12	JSRGI	II
11	R.Naveen Kumar	III	Craft Making	18.9.12	JSRGI	I
12	R.Naveen Kumar	III	Vegetable Carving	18.9.12	JSRGI	I
13	V.Hema	III	Extempore (Tamil)	18.9.12	JSRGI	II
14	K.Dhivithra	III	Rangoli	18.9.12	JSRGI	III
15	R.S.Anju	III	Examination Rank	18.9.12	JSRGI	I
16	K. Dhivithra	III	Paper Presentation	22.2.13	Knowledge Institute Of Technology	II
17	M. Sridevi	II	Paper Presentation	27.2.13	Hindusthan Institute Of Technology	II
18	M. Sridevi	II	Paper Presentation	6.3.13	SSM College Of Engineering	II
19	S.Dharani	III	Examination Rank	14.3.13	JSRGI	II
20	M.Kanagapriya	III	Circuit Debugging	14.3.13	JSRGI	II
21	M. Kanagapriya	III	Rangoli	14.3.13	JSRGI	III
22	S.Muthu Bairavi	III	Qustion Tnister	14.3.13	JSRGI	II
23	S.Muthu Bairavi	III	Rangoli	14.3.13	JSRGI	III
24	S.Muthu Bairavi	III	Group Song	14.3.13	JSRGI	II
25	V.Hema	III	Group Song	14.3.13	JSRGI	II
26	V.Hema	III	Circuit Debugging	14.3.13	JSRGI	II
27	P. Narmadha	III	Circuit Debugging	15.3.13	J.K.K.MUNIRAJAH College Of Technology	II
28	M. Sridevi	II	Paper Presentation	15.3.13	J.K.K.MUNIRAJAH	II

					College Of Technology	
29	D. Sankar	IV	Blind Fold Text	4.10.13	SNS College of Technology	III
30	D. Sankar	IV	Quest O'fest	4.10.13	SNS College of Technology	I
31	D. Sankar	IV	Face Booking	4.10.13	SNS College of Technology	II
32	M. Sridevi	IV	Paper Presentation	11.3.14	Karpagam College Of Engineering	I
33	K.Sinduja	IV	Paper Presentation	13.9.14	K.S.Rangasamy College Of Technology	III
34	A.Suganya	IV	Paper Presentation	13.9.14	K.S.Rangasamy College Of Technology	III
35	M. Ponnusamy	IV	Zonal Round Of Robo Tryst	3.1.15	Indian Institute of Technology, Delhi	I
36	K.S.Sasikumar	III	Project Presentation	4.2.15	P.A College of Engineering and Technology	III
37	M.Karachi Kumar	III	Project Presentation	4.2.15	P.A College of Engineering and Technology	III
38	K.Sathish	III	Project Presentation	4.2.15	P.A College of Engineering and Technology	III
39	M. Pradeepa	III	Technical Quiz	7.2.15	Arul Murugan College of Engineering	I
40	N. Renuga	III	Technical Quiz	7.2.15	Arul Murugan College of Engineering	I
41	M. Sughantha	III	Paper Presentation	13.2.15	Tejaa Shakthi Institute of Technology	II
42	R. Sandhiya	III	Circuit Debugging	13.2.15	Tejaa Shakthi Institute of Technology	II

43	R. Sandhiya	III	Paper Presentation	13.2.15	Tejaa Shakthi Institute of Technology	II
44	N. Nithya Priya	III	Paper Presentation	13.2.15	Tejaa Shakthi Institute of Technology	I
45	R. Priyadharshini	III	Spot Events	13.2.15	Tejaa Shakthi Institute of Technology	II
46	E. Gayathri. E	III	Quiz	13.2.15	Tejaa Shakthi Institute of Technology	I
47	R. Uma Devi	III	Paper Presentation	20.2.15	Angel College of Engineering and Technology	II
48	L. Saranya Devi	III	Paper Presentation	20.2.15	Angel College of Engineering and Technology	II
49	K.Sinduja	III	Paper Presentation	4.3.15	J.K.K.Nattraja College of Engineering and Technology	III
50	A.Suganya	IV	Paper Presentation	4.3.15	J.K.K.Nattraja College of Engineering and Technology	III
51	K.Sinduja	IV	Paper Presentation	4.3.15	J.K.K.Nattraja College of Engineering and Technology	III
52	M.Sughantha	IV	Paper Presentation	4.3.15	K.S.Rangasamy College of Technology	III
53	A.Suganya	IV	Project Presentation	4.3.15	K.S.Rangasamy College of Technology	III
54	K.Sinduja	IV	Project Presentation	4.3.15	K.S.Rangasamy College of Technology	III
55	M.Sughantha	IV	Project Presentation	4.3.15	K.S.Rangasamy College of Technology	III

DEPARTMENT OF EEE

S.No	Name of the Student	Year of Study	Event Participated	Date	Venue	Awards Earned
1	Muthu Selvam.N	IV	Paper Presentation	17.9.12, 18.9.12	JSRGI	II
2	Nagamuralidharan.G	III	Paper Presentation	17.9.12, 18.9.12	JSRGI	III
3	Saravanakumar.T	III	Paper Presentation	17.9.12, 18.9.12	JSRGI	III
4	Arunraj.S	IV	Project Presentation	3.9.13 to 5.9.15	JSRGI	III
5	Devipri ya.S	IV	Project Presentation	3.9.13 to 5.9.15	JSRGI	III
6	Ramakrishnan.G	III	Quiz Competition	3.9.15	JSRGI	II
7	Nagamuralidharan.G	IV	Circuit Debugging	05.9.13 to 7.9.13	SNS College of Engg	II
8	Naveen.K	II	Circuit Debugging	21.2.14	JCT College of Engg. & Tech.	II
9	Gowtham.N	IV	Paper Presentation	20.2.15	Angel College of Engg. & Tech.	II
10	Ganesan.A	III	Paper Presentation	20.2.15	Angel College of Engg. & Tech.	II
11	Kannappar.P	III	Paper Presentation	5.3.15	Sri Ramakrishna Engg College	II
12	Kannappar.P	III	Paper Presentation	31.3.15	Professional Group Of Institutions	II
13	Manoj Babu.R	III	Paper Presentation	5.3.15	Sri Ramakrishna Engineering College	II
14	Manoj Babu.R	III	Paper Presentation	31.3.15	Professional Group Of Institutions	II
15	Mohamed Rajithali.A	III	Project Presentation	27.3.15	Hindustan College of Engg. & Tech.	II
16	Mydeen Mubarak.I	III	Paper Presentation	20.2.15	Angel College of Engg. & Tech.	II
17	Pushparaj.J	III	Paper Presentation	7.3.15	VSB College Of Engg. Tech.Campus	II
18	Saravanakumar.R	III	Paper Presentation	7.3.15	VSB College Of Engg. Tech.Campus	II
19	Sivakumar.P	III	Paper Presentation	15.2.15	Erode Sengunthar	I

					Engineering College	
20	Sudharsanam.P	III	Paper Presentation	15.2.15	Erode Sengunthar Engineering College	I
21	Krishna Prasath.S	II	Technical Quiz	20.2.15	Angel College of Engg. & Tech	III
22	Santhosh Kumar.D	II	Technical Quiz	20.2.15	Angel College of Engg. & Tech	III

DEPARTMENT OF MBA

S.No	Name of the Student	Year of Study	Event Participated	Date	Venue	Awards Earned
1	P. Bharadharaj	I	Paper Presentations	5.2.14	Nehru Institute of Technology, Coimbatore.	
2	M. Prabakaran	I	Paper Presentations	5.2.14	Nehru Institute of Technology, Coimbatore.	
3	N. Ganeshkumar	I	Paper Presentations	5.2.14	Nehru Institute Of Technology, Coimbatore.	
4	A. Sathya	I	Paper Presentations	5.2.14	Nehru Institute of Technology Coimbatore	
5	S. Gayathri	I	Paper Presentations	5.2.14	Nehru Institute of Technology Coimbatore	
6	N.T.K.Minshidamajin	I	Paper Presentations	5.2.14	Nehru Institute of Technology Coimbatore	
7	S.Pavithra	I	Paper Presentations	5.2.14	Nehru Institute of Technology Coimbatore	Best Paper Award
8	B. Suganthi	I	Paper Presentations	5.2.14	Nehru Institute of Technology Coimbatore	
9	D.Narmatha	I	Paper Presentations	5.2.14	Nehru Institute of Technology Coimbatore	
10	R.Priya	I	Paper Presentations	5.2.4	Nehru Institute of Technology Coimbatore	

11	S.Saranya	I	Paper Presentations	5.2.14	Nehru Institute of Technology Coimbatore	
12	M.Sarathkumar	I	Paper Presentations	5.2.14	Nehru Institute of Technology Coimbatore	
13	K. Deepa	I	Paper Presentations	5.2.14	Nehru Institute of Technology Coimbatore	
14	K. Suganya	I	Paper Presentations	5.2.14	Nehru Institute of Technology Coimbatore	
15	B. Shanmugapreethi R. Priya	I	Paper Presentations	28.2.14	Sri Krishna Institutions, Coimbatore.	
16	M.Pushpalatha S.Vimala	I	Paper Presentations	28.2.14	Sri Krishna Institutions, Coimbatore.	
17	M. Kokiladevi	I	Paper Presentations	28.2.14	Sri Krishna Institutions, Coimbatore.	
18	B. Divya	I	Paper Presentations	28.2.14	Sri Krishna Institutions, Coimbatore.	
19	G. Sharmila	I	Paper Presentations	28.2.14	Sri Krishna Institutions, Coimbatore.	
20	M.Vignesh Kumar M.Hariprasath	I	Paper Presentations	28.2.14	Sri Krishna Institutions, Coimbatore.	
21	P. Karthikeyan S. Thangaprakash	I	Paper Presentations	8.2.14	RVS Institute of Management Studies & Research,Sulur, Coimbatore.	
22	M. Kailash M.Sampath Kumar	I	HR Events& IT Events	8.2.14	RVS Institute of Management Studies & Research	
23	P. Karthikeyan P. Karthi E. Nandha Kumar	I	ADZAP	8.2.14	RVS Institute of Management Studies & Research	

	M.Sarathkumar					
24	S. Jeeva	I	Best Manager	8.2.14	RVS Institute of Management Studies & Research	
25	A.K.Pavithra	I	Paper Presentations	27.10.14	Nehru Institute of Technology Coimbatore	
26	P.Dhivya	I	Paper Presentations	27.10.14	Nehru Institute of Technology Coimbatore	
27	B.Divya	I	Paper Presentations	27.10.14	Nehru Institute of Technology Coimbatore	
28	S.Jayapraksh	I	Paper Presentations	27.10.14	Nehru Institute of Technology Coimbatore	
29	Pradeep Kumar	I	Paper Presentations	27.10.14	Nehru Institute of Technology Coimbatore	
30	Gowthem	I	Paper Presentations	27.10.14	Nehru Institute of Technology Coimbatore	
31	P.P.Nasreennaser R.Ponmani	I	Paper Presentations	12.2.15	Kalaignar Karunanidhi Institute of Technology	
32	J. Agalya	I	Paper Presentations	12.2.15	Kalaignar Karunanidhi Institute of Technology	
33	S.Suganya A.K.Pavithra	I	Paper Presentations	12.2.15	Kalaignar Karunanidhi Institute of Technology	
34	M.Muthupriya	I	Paper Presentations	6.3.15	JSRGI	
35	S.Jeyapriya	I	Paper Presentations	6.3.15	JSRGI	
36	R.Shiniyrachel	I	Paper Presentations	6.3.15	JSRGI	
37	P.Priya	I	Paper Presentations	6.3.15	JSRGI	

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

- ➤ Feedback is collected from the students during the time of graduation.
- ➤ Alumni Survey form is collected from alumni once in a year.
- ➤ Suggestions are collected from the HR managers during Placement to improve the students' performance & the infrastructure facilities.
- ➤ The Compiled Feedback is analyzed and the Corrective actions a r e taken b y the management.

5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/ materials brought out by the students during the previous four academic sessions.

Institution with its College Magazine and Newsletter committee publishes its Annual Magazine – REVISTA and its Newsletter thrice a year. Committee constitutes of the management persons as the Chief Patrons, Principal as the Patron, Faculty members from all departments as Editor in Chief and Editors. Students act as co-editors. College Magazine Committee invites Students Activities like Essay, Poem, Articles, Art collections and the technical notes. The extracurricular and co-curricular participation and the awards won by the students are show cased in the magazine and the newsletter.

5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

All classes are headed by two students as class representatives for discussing their problems and needs. Departments are constituted with association office bearers like Secretary, Joint Secretary, Treasurer and joint treasurer and Executive members elected by the student members. They all involve in organizing activities of the department like association Inauguration, workshops, Seminars, Technical symposium, project expo, Guest lecturers, Conferences and all kinds of sports and cultural activities.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

Students actively involved in all kinds of academic and administrative councils of the institution. The committees which have students as the members are:
- ➤ Class Representative
- ➤ Class committee

- ➢ Association Office bearers
- ➢ Placement Coordinator
- ➢ Magazine and Newsletter coordinators
- ➢ Indian Society for Technical Education (ISTE)
- ➢ Annora club (English Forum)
- ➢ Software club
- ➢ Technology Business Incubation Cell
- ➢ Entrepreneurship Development cell
- ➢ Women Empowerment Cell
- ➢ Social Responsibility Club
- ➢ Youth Red Cross
- ➢ NSS Cell
- ➢ Fine Arts and Humor Club

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution.

Institution organizes Alumni meeting once in a year to interact with the former students. They interact in the form of Periodical Special lectures, Placement orientation sessions and help in developing educational objectives of the individual departments. They are invited as guests for the annual day and the departmental activities.Former faculties of the institutions are invited to handle special sessions and as resource persons for International/National conferences, workshops and seminars. Their feedback and suggestions are considered for the further betterment of the institution.

6.1 Institutional Vision and Leadership

6.1.1 State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?

Vision

To impart knowledge and intelligence to younger generation to make them emerging entrepreneurs and engineers than engineering graduates and technocrats by dissemination of the state of the art theory coupled with hands on industrial practice and to develop the institution as a knowledge hub for strong theoretical base and pioneering research to support our nation.

Mission

We are committed to bring together the world class facilities and brains to infuse the young minds with ethics, human values and environmental consciousness besides engineering and technical knowledge to produce high quality engineers and to achieve advanced research.

The institutions main objective is to fulfill the needs of the society and the country as a whole by providing a quality education which ensures in achieving the student's success and also prepare them to face real life challenges. The institution enhances the technical knowledge, innovation and the performance of students and faculty members through Technology Incubation cell and Industry Institute Tie-up. The institution help in improving the rural based student's skills by identifying their requirement and industries expectations by way of value added education along with their curriculum.

The students are made responsible and competent citizen by means of participating actively in co-curricular activities such as Competitions, Special Awareness programs and Camps organized by NSS, YRC, RRC and Various Clubs.

6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?

Quality Policy

➢ To provide value added education in engineering, technology and management by elevating the student community with latest and advanced curriculum, better infrastructure and teaching-learning environment.

➢ To adhere to the applicable compliance requirements by university and regulatory bodies thereby, continually improving the quality systems and parental satisfaction levels through a frame work of committed team work.

The management, Principal, Dean and Heads of the departments play a vital role in providing quality education to the students. They teach and train the students by educating the new technologies adopted in the industries. Experts in all fields give real time exposure to the students. Jay Shriram Group of Institution works as a Team in achieving the goals. Internal audit is conducted regularly to autocorrect the standards, plans, methods and provide an easy method in implementing the quality policy of the institution. The Principal leads the team by implementing the quality policy of the organization by regular discussions with the students, faculty members and management. The college fulfills the requirements as per the norms of AICTE and Anna University and further the facilities are extended as per the current needs of the students.

6.1.3   What is the involvement of the leadership in ensuring?

➢ The policy statements and action plan for fulfillment of the stated mission.
➢ Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan.
➢ Interaction with stakeholders.
➢ Proper support for policy and planning by searching the needs,inputs in discussion with the stakeholders.
➢ Reinforcing the culture of excellences.
➢ Champion organizational changes.

The policy statements and action plans for fulfillment of the stated mission

The Institution always looks for Vision and Mission which is in tune with the objectives of higher education policy of the nation. The main aim is to provide high quality education to the maximum satisfaction of all stakeholders. The principal has been conducting regular meeting and the faculty members are encouraged for their suggestion and grievances if any. The management guides and supports the entire team by motivating them and also implement modifications in academic activities and plans for continuous improvement, through incessant discussion with Faculty Members, Head of the departments and Principal. The policy statements and action plans are designed to attain the vision of the institution through proper plan for the academic year and execution.

Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan

Principal consults with Heads of various departments regarding the action plans for process to be carried down in regular tenure. The department prepares the academic plan, Time table, Teaching plans & Aids, Department's plan regarding Guest lectures, Workshops, Seminars, National/International conferences, FDPs, Funded projects etc., under the guidance of principal. The faculty members formulates a strategic plan and brings it into an action.

Interaction with stakeholders

The Management and Principal conducts parent's meeting twice in a year to receive feedback from the parents. During the semester, class committee meetings are conducted to balance the teaching and learning process. The students provide their feedback regarding their respective teachers.The suggestions given by the students are analyzed by Head of trhe Departments and report will be sent to the Principal. Regular interaction with the Alumni is carried out by the departments and they will be called to the institution and department functions for giving Guest Lectures and to act as Chief- Guest for various functions. Alumni meet is conducted once in a year to know their views and ideas. Some technical sessions are arranged with the help of the Alumni to share the current trends and technologies with the students. Employer's feedback is received and documented by the Training and Placement cell.

Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders

The institution creates excellent ambiance for teaching and learning process. Regulardiscussions will be done with the Stakeholders, through the faculty meeting, student's class committee meeting, parent teachers meetings, and the alumni association meeting and the employer interaction.

Reinforcing the culture of excellence

The institution reinforces the culture of excellence by providing awards and cash prizes for achievements in academic and also appreciates the faculty members and the students for their innovation and research, organizing the orientation, continuous development. Career guidance programs are organised for the students and faculty members periodically. The management also provides financial support to the faculty members for attending research oriented programmes such as faculty development programmes, workshops, conferences and seminars.

Champion organizational change

The Principal, in regular discussion with the Heads of various departments plan the activities such as industry institute tie-up ,add- on courses, guest lectures by leading academicians and industrialists, and frequent visits of students to industries to bridge the knowledge . The Principal, HODs and faculty members encourage the students to represent the institution to the society at various conferences, technical paper presentations organized at national and international level by various prestigious institutions and Industry Institution Interaction meetings which is helpful for changing as per current scenario.

6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

The Principal evaluates the plans and policies by conducting HOD's meeting once in a week regarding the academic plan, curriculam, co-curricular activities, extra-curricular activities, routine work, social participation, examinations etc. Academic calendar is prepared on semester basis with the plans for the semester. Regular academic council meetings, class committee meetings, reviews, evaluation, feedback, internal auditing are conducted for academic excellence. Departments take concern of the student enhancement programme by organizing guest lectures, seminars, workshops, conferences and the students are encouraged to present their papers in conferences conducted by other colleges. Yearly budget is prepared by the departments for conducting programmes and get approved by the Principal and the Management. From the first year onwards spoken English classes, Attitude building classes, Aptitude classes, Personality development courses have been conducted regularly. An effective student redressal and counseling cell takes care of the problems faced by the students. Women Empowerment Cell arranges many programs to enhance the women empowerment. Placement cell trains the students and provides information about the jobs offered. The students utilize the available resources in the institution for their further enrichment.

6.1.5 Give details of the academic leadership provided to the faculty by the top management?

The culture of Leadership Development is promoted by the management by giving authority and responsibility to various committees to complete the desired task in time in the best possible manner.

S.no	Incharge	Coordinator Names
1	Academic Council	Dr.R.Maguteeswaran PRINCIPAL
2	Magazine & News letter Incharge	Prof.J.Nandhini HOD/ECE
3	Time Table Incharge	Dr.S.Rajalakshmi HOD/CSE
4	Value Added Courses Incharge	Prof.N.Lakshmi Priya HOD/ EEE
5	Communication Skill Training Incharge	Ms.R.Anitha AP/CSE
6	Books and Stationeries Incharge	Mr. K.Saravana Kumar AP/MECH
7	Library Incharge	Mr.S.E.Rajarajan Librarian
8	Placement Cell	Dr.S.Rajalakshmi Placement Director
		Mr.P.Senthil Arun Placement Officer
9	GD Incharge	Mr.R.Gobinath HOD/CIVIL
10	Fine Arts Club & Humor Incharge	Ms. R.Anitha AP/CSE
11	Women Empowerment Cell Incharge	Dr.S.Rajalakshmi HOD/CSE
12	Discipline Committee Incharge	Mr.E.Sureshkumar AP/CIVIL
13	Exam cell Incharge	Prof.S.Rajkumar HOD/MECH
14	Software club Incharge	Ms.R.Sharmilagowri AP/ECE
15	Technology Business Incubation cell Incharge	Mr.S.Meivel AP/ECE
16	Transport Incharge	Mr.P.Satheesh AP/MECH
17	Entrepreneur Development cell Incharge	Dr.P.Megala Devi DEAN/MBA
18	ISO Incharge	Dr.P.Megala Devi DEAN/MBA
		Mr.A.Peramanan AP/MECH
19	Social Responsibility Cell Incharge	Ms.G.Kalaiarasi AP/ECE
20	Red Ribbon Cell Incharge	Mr.M.Srinivasan AP/MECH
21	Competitive exams & forum Incharge	Prof.D.Kalaiselvi AP/CSE
22	Annora Incharge	English Dept Faculty Members

23	Youth Red Cross Incharge	Mr.K.Dinakaran AP/ECE
24	NBA & NAAC Incharge	Dr.S.Rajalakshmi HOD/CSE
25	Staff Welfare club	Prof.N.Lakshmipriya HOD/EEE
26	Public Relation officer	Prof.R.Gobinath HOD/CIVIL
27	National Service Scheme (NSS)	Mr.M.Srinivasan AP/MECH
28	Social body members coordinators	Prof.D.Kalaiselvi AP/CSE
29	Indian society for Technical Education	Prof.S.Rajkumar HOD/MECH
30	Quality Improvement Cell (QIC)	Mr.T.Seenivasan AP/CSE
31	Indian Concrete Institute	Prof.R.Gobinath HOD/CIVIL
32	Career Guidance cell	Prof.R.Gobinath / CIVIL
33	Alumni Association	Mr.M.Srinivasan AP/MECH
34	Industry Institute Partnership cell	Mr.P.Senthilarun Placement Officer
35	Eco club	Dr.P.Megaladevi DEAN/MBA
36	Students council	Prof.J.Nandhini HOD/ECE
37	Environment cell	Prof.R.Gobinath HOD/CIVIL
38	Research committee	Dr.S.Rajalakshmi HOD/CSE
39	General maintenance	Mr.K.Saravanan AO
40	Electrical maintenance	Mr.Subramaniam Civil Supervisor

6.1.6 How does the college groom leadership at various levels?

The Management has always encouraged and supports the contribution of the faculty members in the effective and efficient improvement of the institutional process. The management, through the head of the institution, involves the faculty members in various activities related to the development of the instituion. The faculty members are involved by way of constitution of various Committees. Our faculty members are motivated to develop leader ship qualities through their freedom to participate in more activities at totally different levels.

At HOD Level

1. Adapting decentralization strategies in order to bring out transformational leadership in faculty members. Autonomy to line their division objectives and style an action attempt to achieve them.

2. Practice MBO (Management by Objectives) by encouraging the institution to line their objectives and action plans.

3. Self-appraisal has done annually to analyze their progress.

4. Advised to provide focus in positioning the department to attain greater academic heights.

5. Encouraged to travel and visit many establishments to find out how they are functioning and observe their practices and also implement them if necessary.

At FACULTY Level

1. Faculty members have given opportunities in varies committees to expose their talents.

2. Conduct various programs that indicate their talents.

3. Inspired to develop leadership skills by being in-charge of assorted tutorial, co curricular and extracurricular activities.

4. Encouraged to conduct industrial tours.

5. Motivated to possess tie-up with trade consultants and organized seminars and workshops.

6. Arranging get together meets among the faculty members with their families through staff club activities. Every year a tour is organized by the staff club for the faculty members and staff members separately. Teachers day is celebrated every year by inviting right guests to motivate the faculty.

At STUDENT Level

The students are prearranged with many programs by

1. Encouraging constantly by preparing numerous programs to bring out their leadership qualities to limelight.

2. To organize continuous leadership development programs like role plays, soft skills and educational programs.

3. Encourage to empower themselves through experimental learning.

4. Promote entrepreneurs by a specialist through entrepreneurship development cell which has tie-ups with numerous industrialists.

Collaboration within the institution

There is a close coordination among the various departments and sections for exchange of information through on-line information systems. Various departments collaborate to share the information regarding.

1. Monthly Attendance details of the students.
2. Academic performance levels of the students (Internal and External examination performance).
3. Projects being pursued.
4. Seminars, Workshops and Guest Lectures being organized.
5. Developmental activities of the department.
6. Periodical Internal Audit being conducted.
7. Latest achievements by the faculty members and students of each department.
8. A latest placement in recent campus recruitment drives has been conducted This sharing of information creates transparency within the organization and facilitates cooperated among the different departments and sections.

6.1.7 How does the college delegate authority and provide operational autonomy to the departments / units of the institution and work towards decentralized governance system?

The Management has given sufficient freedom to the Principal to fulfill the vision and mission of the Institution. The Principal provides operational autonomy to the departments in academic pursuit and in decision making. Academic responsibilities are fairly divided among all the faculty members. Regular meetings have beeen conducted to share their prospects for the growth and development of the students aas well as the instituion.

6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

YES, a de-centralized functioning mechanism is existing which is empowered by the faculty members and the department heads. The faculty members are made to take part in academic decision making activities. The management also gives confidence to teaching and non- teaching staffs by encouraging suggesting methods to improve the effectiveness and efficiency of institutional progression by regular meetings.

6.2 Strategy Development and Deployment

6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

Quality policy

➢ To provide value added education in engineering, technology and management by elevating the student community with latest and advanced curriculum, better infrastructure and teaching-learning environment.

➢ To adhere to the applicable compliance requirements by university and regulatory bodies thereby, continually improving the quality systems and parental satisfaction levels through a frame work of committed team work.

The instituion has obvious Quality Policy to provide the value added education and elevate students to fit for growing competitive world. The Curriculum has framed by the Anna University. At the delivery point, our instituion has implemented the practice of keeping track of the coverage of the portions, time taken for completing the syllabus, teaching aids used and evaluation done, etc. in the form of log book and work diary inspected and signed by the stake holders. It is available for inspection at any time and at the end of the academic year, these records are submitted to the Principal. Feedback collected from the students about the teachers' performance and their opinion on the infrastructure provided is analyzed and steps to improve them are worked out. Based on the analysis of the feedback, the faculty members are asked to improve if necessary. Performance of the students in the examinations has been watched and the same is sent to the parents to draw their attention towards the mark and attendance details. Students having difficulties and deficiencies were identified and counseled separately and their problems are sorted out and this reveals the effort of the institution towards providing a quality education.

6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

YES, the instituion has plans to offer more UG, PG and Doctoral courses and also steps are in progress for Research programmes and foreign university collaborations. The Governing council meeting constituted by the Management, Principal ,Eminent academicians, Industry Representatives and Senior Professors to frame and appraise the policies regarding new courses, additional intake, infrastructural facilities, academic goals, placement and training, career guidance, academic performance and research promotion activities depending on the needs of the students and employers.

S. No.	Name & Position	Qualificatio n	Present professional position/Occupation	Address/ Telephone No./ Email
1	Shri.K.M.Thangharaj Chairman	-	Executive Director, Jai Vishnu Spinning Mills, Chettipalayam	4/371-Main road, Koduvai-638 660 9442247485 kmthangharaj@gmail.com
2	Shri.K.M.Thangharaj Members	-	Executive Director, Jai Vishnu Spinning Mills Chettipalayam	4/371-Main road, Koduvai-638 660 9442247485 kmthangharaj@gmail.com
3	Shri.M. Govindasamy Members	-	Director, Jai Vishnu Spinning Mills Chettipalayam	4/54, Velliampalayam Koduvai.638 660 98439 98282 govindasamy51@gmail.com
4	Shri. T.K.Karuppannaswamy Members	D.M.E.	Managing Director, Barani Hydraulics India Pvt. Ltd., Coimbatore	1043/1 Kurumpapalayam Main road, Kalappatti,Coimbatore – 35 9842257027 baranihy@ebh.net
5	Shri.T.Savithri Members	-	Director	4/371-Main road, Koduvai-638 660 9442247485 kmthangharaj@gmail.com
6	Mr.P.Appukutti Members	M.E. M.I.E.	Chairman	P.A.College of Engineering and Technology, Palladam Road, Pollachi. 98422 63995
7	Dr.S.N.Deepa Members	M.E., Ph.D	Asso.Prof & HOD / EEE	Anna University Regional Centre, Maruthamalai Road, Coimbatore– 641 047 9362324006 deepapsg@gmail.com

8	Dr.R.Maguteeswaran Principal	M.E., Ph.D	Principal	Jay Shriram Group of Institutions, Dharapuram Road, Avinashipalayam, Tirupur – 638 660. 9047098314 principal@jayshriram.edu.in
9	Dr.P.Megaladevi Professor	M.com, M.Phil MBA, Ph.D	Dean, School of Management Studies	Jay Shriram Group of Institutions, Dharapuram Road, Avinashipalayam, Tirupur – 638 660. 9942169575 Srimegaladevi.007@gmail.com
10	Ms.A.Gokilavani Assistant Professor	M.E, (Ph.D)	AP/CSE	Jay Shriram Group of Institutions, Dharapuram Road, Avinashipalayam, Tirupur – 638 660. 9942452750 goke_surya@yahoo.com

As per the guidelines of the principal , the heads of various departments and senior professors prepares academic calendar for the academic year which includes Number of working days, pre-planned programmes conducted by all the departments and the institution. The planned schedule is formulated and changes if any or enhancement is done as requisite.

6.2.3 Describe the internal organizational structure and decision making processes.

ORGANIZATION STRUCTURE
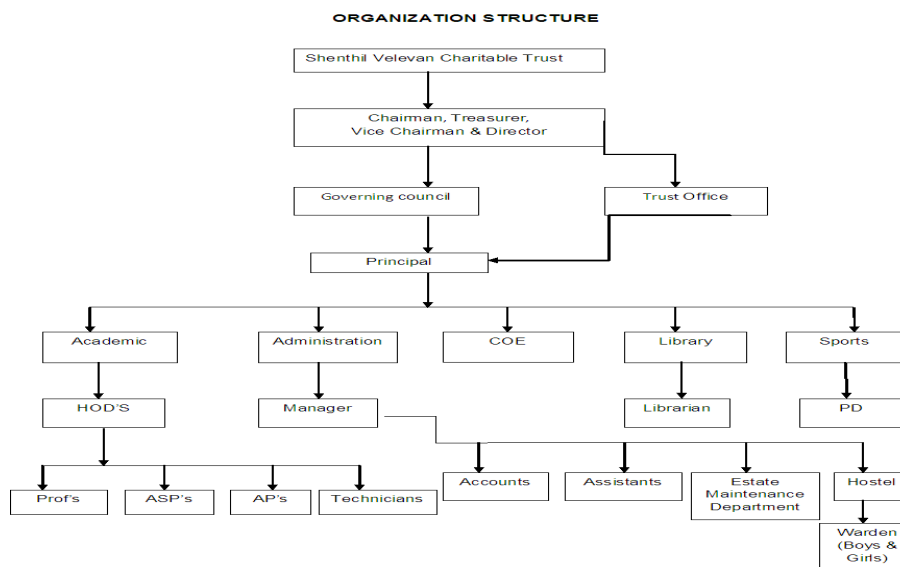
Jay Shriram Group of Institution is managed by Shenthil velavan charitable trust. The Management members take care of the operations of academic and administration of the institution. The Principal heads the academic and administration departments. The heads of the department has been in-charge of academic and administrative functioning. The faculty members take care of various cells and club activities. The manager heads the financial activities along with his assistants.

6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following

➢ Teaching & Learning
➢ Research & Development
➢ Community engagement
➢ Human resource management
➢ Industry interaction

Teaching and learning

The institution vision is to transform the education environment in to Outcome Based Education. Major aspect considered in the above task is the faculty development is to achieve the objective. Policies and Strategies are devised in making it and so the accreditation documents and institution readiness for NBA are reflected the above aspect.

Research & Development

Faculty members are encouraged to pursue research by providing them the facilities like individual system, Wi-Fi connection, digital library, equipments and laboratory. Faculty members are allowed to avail special leave to attend the seminars, research activities etc. Most of the faculty members are engaged for Ph.D publication of research articles in National & International Journals. Institute encourages the innovations among the students by providing them incubation facilities.

Community Engagement

The instituion conducts the community programs like NSS camps, blood donation camp and Tree plantation and interacts with the community. The students and faculty members have been undertaking community projects.

Human Resource Development

Institution has mechanism of notification of regular posts and conducts the interviews. The institution recruits faculty members and staff based on the guidelines

provided by the affiliated university. Adequate number of qualified teaching and supporting staff are appointed through codified procedures of open advertisement, demonstration & interview by Expert committee. Apart from this whenever deserving candidate approaches the Institute, it conducts interviews and offers suitable position. The recruited faculties are deputed to undergo faculty development program to enhance the Teaching Learning Process.

Industry Interaction:

Faculty members and students are given ample scope for study tour, to visit the nearby industries for better exposure through close interaction. It understands the need of industry and accordingly offers the additional programs as value added courses for students.

6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

The Principal gathers information through various means like:

➢ Academic Council Meetings.

➢ IQAC Audits.

➢ Result Analysis reports from department and Exam Cell.

➢ Report from various committees.

➢ Class Committee Meetings.

➢ Self-Appraisal Reports from Faculty

➢ Students' feedback.

➢ Interaction with parents.

➢ Training & Placement cell report.

The information gathered are discussed with Governing Council and Academic Council Meetings for further improvements.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

The faculty members are encouraged to attend seminars and conferences (either as participant or resource person). They are granted on duty for attending seminars or conferences and Orientation programmes /Refresher courses. The college provides E-Journal and Wi-Fi connectivity throughout the campus enabling them to improve their research

activities. The academic and administrative staff members play a vital role in planning and implementation of activities in the institution. The feedback from the students and the self-appraisal from the faculty members help the institute to take proper decisions to improve.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementatio n of such resolutions.

The resolutions are passed in Annual Governing Council Meetings to improve the system continuously.

Details of resolutions made by the Management Council in the last year are:

➢ The Governing council has appointed Dr.R.Maguteeswaran as Principal of the institution from 14.02.2014.

➢ The Governing council has discussed about the accreditation process and directs the principal to start the accreditation process.

➢ The Governing council has directed the principal to fulfill Lab requirements for the academic year 2015-16 as per Anna University Norms.

➢ Faculty Requirements process has initiated as per Anna University norms.

➢ The Governing Council has recommended the proposal to apply for the National Board of Accreditation (NBA) status for five UG programmes during 2015-16.

➢ The Governing Council has passed the resolution to reduction intake for M.E. CSE, PED, Structural and CAD/CAM , due to lack of admissions.

➢ The Governing Council has approved to stat new courses on B.E.Agriculture Engineering and B.Tech Fashion Technology for the academic year 2015-16

➢ The Governing council has discussed about the 5th Annual Day celebration and decided the chief guests.

➢ The Governing council has decided to conduct an awareness program for school children's about higher education with education experts in the month of April 2014.

Status of implementation of resolution passed by Management Council is:

All the aforesaid resolution passed by the Management Council during the year 2014 – 15 has implemented successfully.

The Management is always encouraging the faculty members and the students on academic, administrative and financial aspects of the college and they have successfully been implemented. Some of them are

- ➢ Incentives are given to the faculty members.
- ➢ To recognize the faculty members who has produced 95 % - 100 % results and motivate them to maintain the same.
- ➢ To the students for best project in UG and PG level
- ➢ To appreciate the research activity even further
- ➢ To retain faculty with Ph.D qualification and to ensure the overall growth of the institution

6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?

YES, the Affiliating University does have a provision for according to the status of autonomy to an Affiliated institution. The required norms have been proposed by the UGC, AICTE and Anna University. The institution is working towards the same. The various practices like, IQAC and other best practices are in place to monitor the system.

6.2.9 How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyse the nature of grievances for promoting better stakeholder relationship?

The institution has Grievance Redressal Cell to monitor and address the grievances of the Students. Regular class committee meetings are conducted with the students. The Women Empowerment Cell is headed by a senior faculty to empower the girl students.The grievances if any, is considered and redressed to satisfactory level.

6.2.10. During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

No,court cases are not filed against the institute during the past four years.

6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If 'yes', what was the outcome and response of the institution to such an effort?

YES, Feedback on teachers is obtained through Student feedback.Student feedback is obtained on a 5 point teacher evaluation format in the middle / end of the semester; it reflects the performance of the teacher on four major parameters namely:

1. Curricular
2. Co-curricular
3. R & D related activities
4. Administrative and Extra-curricular activities

The Principal and the HoDs are available during office hours to meet the parents, faculty members and students on all working days.

Parents Feedback

Parent interaction meetings with the Faculty members, Staff Advisor, HOD and Principal are held once in ever y semester / year. The grievances and suggestions are welcomed and the remedial actions are taken by the Principal.

Alumni Feedback

Alumni meetings are held with Alumni by the Principal and HOD to get active feedback. Innovative ideas are planned and follow up actions are taken on need basis.

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?

Teaching Staff

➤ Power is delegated to all the faculty members to improve the teaching skills. Faculties are permitted to do their higher studies.

➤ Permitted to attend Faculty Development Programmes (FDPs), conferences, seminars etc. in the thrust areas.

➤ To improve teaching competence, domain knowledge, mentoring facult y members by introducing innovations.

➤ Improvement in teaching, training and learning facilities by establishing new laboratories and strengthening library by online journals and e-resources. Professional memberships are also provided.

➤ Deputed in managerial levels. Encourages to undergo consultancy work.

➤ Motive to attend CII workshop/ Lecture series/ training program/ trade fairs in order to acquire the industry practices.

Non-Teaching Staff

➢ Permitted for higher studies.

➢ Arranging training for strengthening the knowledge of using latest facilities and equipments.

FDP FOR ACADEMIC YEAR: 2012-13

S.No	NAME OF THE FACULTY/ DEPARTMENT	PERIOD	TOPIC	VENUE
1	Mr.A.M.Ravishankkar CSE	08.08.12	Information Retrieval and Data Mining Technique	Government College of Technology, Coimbatore.
2	Ms.S.Sarumathi CSE	21.1.13 to 25.1.13	Cloud Infrastructure and Services	Kalaignar Karunanidhi Institute of Technology, Coimbatore.
3	Ms.J.Nandhini ECE	28.9.12 to 30.9.12	Research Trends and Research Challenges in Wireless Networks	PSG College of Technology, Coimbatore
4	Ms.G.Kalaiarasi ECE	11.12.12 to 17.12.12	VLSI Design	Anna University, Chennai
5	Mr P.Venkatesh kumar Ms.S.Menaga ECE	10.12.12	Next Generation Wireless Communication	Sri Krishna College Of Engineering, Coimbatore
6	Ms.N.Lakshmipriya EEE	20.7.12 to 21.07.12	MATLAB Programming and Applications	Kongu Engineering College, Perundurai
7	Mr S.Ayyappan EEE	20.6.12 to 22.6.12	Environmental Science and Engineering a Tribute to our Environment	Angel College of Engineering and Technology, Tirupur.
8	Mr N.Thangavel MECH	21.1.13 to 25.1.13	Digital Proto typing for Product Design	Shri Shakthi Institute of Engineering and Technology
9	Mr S.Rajkumar Mr V.Senthilraja MECH	17.12.12 to 23.12.12	Dynamics of Machinery	Kongu Engineering College, Perundurai
10	Mr .M.Srinivasan Mr .R.Mahendran	29.11.12	Basic of Aluminum and Alloys.	Annamalai University

S. No	NAME OF THE FACULTY/ DEPARTMENT	PERIOD	TOPIC	VENUE
	MECH			
11	Mr .G.Selvakumar MECH	10.12.12 to 15.12.12	Heat and Mass transfer	K.P.R Engineering College,
12	Dr.P.Megaladevi MBA	21.12.12	Establishment of Entrepreneurship Development cells in Higher education Institutions in Tamilnadu	Entrepreneur Development Institute

FDP FOR ACADEMIC YEAR: 2013-14

S. No	NAME OF THE FACULTY/ DEPARTMENT	PERIOD	TOPIC	VENUE
1	Ms.S.Rajeshwari CSE	11.12.13 to 18.12.13	Programming and Data Structures	PA College of Engineering and Technology, Pollachi.
2	Mr .T.Seenivasan CSE	31.1.14 to 1.2.14	Operating System Design Case Study	Knowledge Institute of Technology, Salem.
3	Mr .S.Giri CSE	31.1.14 to 1.2.14	Operating System Design Case Study	Knowledge Institute of Technology, Salem.
4	Ms.J.Nandhini ECE	12.7.13 to 13.7.13	Application of Research Methods in Business & Engineering	Bannari Amman Institute of Technology, Sathyamangalam
5	Ms.M.Subahanal Nuzrath ECE	13.8.13 to 14.8.13	Latest Trends in EDA for Communication Electronics and VLSI Technology	CIT, Coimbatore
6	Ms.R.Sharmila Gowri ECE	22.1.14 to 23.1.14	Embedded Systems Design	Bannari Amman Institute of Technology, Sathyamangalam
7	Mr .S.Manivel EEE	24.6.13 to 29.6.13	Special Electrical Machines	Anna University Regional Centre, Coimbatore
8	S.Gurunagappan EEE	21.9.13	How to Write Effective Research Papers for Conference and Journals	Kongu Engineering College, Perundurai
9	Mr. A.Peramanan Mr. S.Nithyananth Mr. V.Senthilraja Mr. J.Rajasekaran	6.12.13	Advances in Internal Combustion Engine	Coimbatore Institute of Technology

S NO	NAME OF THE FACULTY / DEPARTMENT	PERIOD	TOPIC	VENUE
10	Dr.P.Megaladevi MBA	15.12.13	Organizational Culture and Leadership	Park Global School of Business Excellence, Coimbatore
11	Mr. A.Karthikeyan MBA	15.12.13	Organizational Culture and Leadership	Park Global School of Business Excellence, Coimbatore
12	Dr.P.Megaladevi MBA	16.12.15	Professional Enhancement	SNS College of Technology, Coimbatore

FDP FOR ACADEMIC YEAR: 2014-15

S NO	NAME OF THE FACULTY / DEPARTMENT	PERIOD	TOPIC	VENUE
1	Mr V.Vijayan CIVIL	09.06.15 to 15.06.14	Fluid Mechanics and Machinery	JSRGI
2	Mr T.Sathanandham CIVIL	09.06.15 to 15.06.14	Fluid Mechanics and Machinery	JSRGI
3	Mr V.Vijayan CIVIL	16.06.14 to 18.06.14	Pre Stressed Concrete	SNS College of Engineering, Coimbatore.
4	Mr T.Sathanandham CIVIL	16.06.14 to 18.06.14	Pre Stressed Concrete	SNS College of Engineering, Coimbatore.
5	Dr.S.Rajalakshmi CSE	9.6.14 to 15.6.14	Database Management System	JSRGI
6	Ms.S.Rajeshwari CSE	9.6.14 to 15.6.14	Database Management System	JSRGI
7	Mr T.Seenivasan CSE	9.6.14 to 15.6.14	Database Management System	JSRGI
8	Mr T.Yoganandh CSE	9.6.14 to 15.6.14	Database Management System	JSRGI
9	Mr M.Arunkumar CSE	9.6.14 to 15.6.14	Database Management System	JSRGI
10	Ms.P.Mallika CSE	9.6.14 to 15.6.14	Database Management System	JSRGI
11	Ms.P.Mallika CSE	16.6.14 to 22.6.14	Programming and Data Structures II	PA College of Engineering and

				Technology, Pollachi.
12	Mr T.Mani Mr K.Dinakaran ECE	16.6.14 to 21.6.14	RF & Microwave Engineering	Erode Sengunthar Engineering College, Perundurai
13	Mr T.Manikandan Ms.S.Menega ECE	11.6.14 to 18.6.14	Electronic Circuits I	SNS College of Engineering, Coimbatore
14	Ms.J.Paruvathavardhini Mr T.Manikandan ECE	15.12.14 to 21.12.14	Electronic Circuits II	Erode Builders Educational Trust, Kangayam
15	Mr K.Dinakaran ECE	15.12.14 to 22.12.14	Robotics and Automation	Tamilnadu College of Engineering, Karumathampatti
16	Ms.S.Menaga Mr T.Mani ECE	8.12.14 to 15.12.14	Electromagnetic Fields	MP Nachimuthu M.Jaganathan Engineering College, Chennimalai
17	Mr S.Manivel EEE	16.06.14 to 22.06.14	Electrical Drives and Control	PA College of Engineering And Technology, Pollachi
18	Mr N.Sadeesh EEE	20.06.14 to 21.06.14	Digital Logic Circuits	Erode Sengunthar Engineering College
19	Mr S.Leelakrishnan EEE	20.06.14 to 21.06.14	Digital Logic Circuits	Erode Sengunthar Engineering College
20	Ms.P.Hema EEE	20.06.14 to 21.06.14	Digital Logic Circuits	Erode Sengunthar Engineering College
21	Mr E.Prasannakumar EEE	25.07.14 to 26.07.14	PIC Microcontrollers and Applications	Sri Ramakrishna Engineering College, Coimbatore
22	Mr E.Babu EEE	15.12.14 to 22.12.14	Robotics and Automation	Tamilnadu College of Engineering, Coimbatore
23	Mr V.Maheskumar EEE	31.01.15	Modeling of Solor and Wind Renewable Energy Systems	Karpagam University, Coimbatore
24	Mr R.Mahanderan Mr K.Saravanakumar Mr B.Parthiban MECH	23.6.14 to 28.6.14	Dynamics of Machinery	United Institute of Technology, Coimbatore

25	Mr G.Selvakumar Mr V.Senthilraja MECH	15.12.14 to 22.12.14	Automobile Engineering	Dr N.G.P Institute of Technology, Coimbatore
26	Mr B.Parthiban Mr N.Sampathkumar MECH	15.12.14 to 22.12.14	Finite Element Analysis	Park College of Technology Karumathampatti
27	Mr R.Mahanderan MECH	15.12.14 to 22.12.14	Kinematics of Machinery	Kongu Engineering College Perundurai
28	Mr K.Saravanakumar Mr B.Saravanan MECH	15.12.14 to 22.12.14	Robotics	Tamil Nadu Engineering College, Coimbatore
29	Mr M.Srinivasan MECH	15.12.14 to 22.12.14	Thermal Engineering	Hindustan College of Engineering, Coimbatore
30	Dr.R.Vasuki MBA	02.1.15 to 03.1.15	Accreditation and Outcome Based Education	Nehru group of Institutions, Coimbatore
31	Mr A.Karthikeyan MBA	08.1.15	Data Analysis and Business Modeling	Velalar College of Engineering and Technology, Erode
32	Mr.A.Karthikeyan MBA	16.03.15 to 20.03.15	Entrepreneurship Development Training	Info Institute of Engineering Coimbatore

The teaching and non teaching faculties of the institution is supported to improve their professional enhancement by:

➢ Providing on-duty to faculty members for writing their course work, attending seminars/ Workshops/ Conferences.

➢ Encouraging faculty members to associate with State, National and International professional bodies.

➢ Encouraging participation of faculty in Orientation Programmes, Refresher Courses, Seminars, Workshops and Conferences.

➢ Providing Wi-Fi facility.

6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

All the staff members are given due recognition for their work and participation in the welfare activities of the college. If any specific event is to be organized, interested faculty members are encouraged to take lead in the conduct of the program.

➢ Sanction and disbursement of increments to every faculty members during the starting of every academic year.

➢ Promotions under Career Advancement Scheme.

➢ Sponsoring for Higher Education/Research by grant of leave.

➢ Sponsoring National/International conferences for paper presentations, continuing education Programmes.

➢ Medical facilities: Medical consultancy and medicines are provided by resident doctor.

6.3.3 Provide details on the performance appraisal system of t h e staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

Evaluation mechanisms for performance assessments are present, mainly via self appraisal and peer evaluation; student feedback is obtained. The evaluations are critically assessed and measures are adopted to improve the teaching-learning process.

6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

The outcome of the review of performance appraisal by the management is that the staff concerned will know how his work is appraised by the student and in their estimate, where the teacher stands are revealed. The teacher concerned will be asked to improve in the coming years. HODs call the teacher and explain the purpose of this type of analysis and how to improve their performances.

6.3.5 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

Teaching Staff

➢ Group Insurance Policy

➢ PF

➢ ESI

- ➤ Periodic revision of pay scales of the staff.
- ➤ Free bus facility.
- ➤ Sanction of Maternity leave with salary.
- ➤ Casual leave / Medical leave.
- ➤ Special leave for research scholar.
- ➤ Duty leaves facility wherever applicable.
- ➤ Contribution to EPF.
- ➤ Special leave for research scholars.
- ➤ Honorarium for publication of articles.
- ➤ Free hostel facilities for the tutors.
- ➤ Annual Gift

Non-teaching Staff
- ➤ ESI
- ➤ Festival Bonus
- ➤ Annual Gift
- ➤ Periodic revision of pay scales of the staff.
- ➤ Free bus facility.
- ➤ Sanction of Maternity leave with salary.
- ➤ Casual leave / Medical leave.
- ➤ Contribution to EPF.
- ➤ Group Insurance Policy
- ➤ Management Scholarship
- ➤ PF

Students
- ➤ Group Insurance Policy
- ➤ Management Scholarship

6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?

The institution has a well defined recruitment policy within the framework of the government norms. As far as possible, the college provides a good teaching-learning environment. Faculty members are provided with adequate facilities for research and extension activities. They are encouraged to attend seminars and workshops. Good infrastructure facilities like library, free internet, and reprography are made available to

the faculty members. Skill development workshops have also been organized for the benefit of the faculty members.

6.4   Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?

The Executive Committee Meetings are held at regular intervals and all financial matters are discussed and decisions have been taken. Representatives of the management will take part in the Executive Committee Meetings. The financial resources are managed in an effective manner with full proof for all the transactions. The accounts department is fully computerized which helps for retrieval and verification of data at any time with well defined accounting system.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

The college has eminent practicing Charted Accountant and internal audit is carried out periodically by the accounts department of the instittion. Internal audit is done annually by the charted accountant. There were no major objections in the last audit.

6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any

Major source of income is only the fee collected from the students as our institution is a self-financed institution .Apart from tuition fee hostel and transport fee are collected from the students.

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

The institution take steps to generate additional funds. The excessive requirements of funds are allotted by the trust whenever required based on the need. The institution organizes seminars and conferences and the expenditure for the conduct of these seminars and conferences is met by the grants received from various agencies.

6.5   Internal Quality Assurance System (IQAS)

6.5.1   Internal Quality Assurance Cell (IQAC)

a. Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?

YES. The institution has established an Internal Quality Assusrance Cell (IQAC) to ensure the quality. The cell has framed many quality policies to look after and maintain the process adapted in our institution. The members of IQAC periodically inspect the process and quality is assured in all aspects.

b. How many decisions of the IQAC have been approved by the management / authorities for implementation and how many of them were actually implemented?

IQAC Review Meeting is presented to the Principal for discussions. After review the same have been implemented and changes are done in the next academic year if any.

c.   Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

YES, every year surveillance Audit is conducted by external and it has been changed to once in six months. IQAC have two external members from industry and academics and their contributions are mentioned in the IQAC meetings.

d. How do students and alumni contribute to the effective functioning of the IQAC?

The Alumni Students take part in the development activities and placements. Through alumni meet, the students are trained as per the needs of the employer. Alumni of the college interact through the Alumni Association Meetings and Placement Cell.

e. How does the IQAC communicate and engage staff from different constituents of the institution?

IQAC conducts meeting with internal members of IQAC and discuss about the process that has to be maintained. Internal members of IQAC audit the system and present review reports.

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalization.

YES, various committees have been formed to ensure quality in routine and exceptional activities are carried out in the college. The following are the committees:

- College Governing Council
- Examination Committee
- Staff Selection Committee
- Discipline Committee
- Sports Advisory Committee
- NSS Advisory Committee
- Library Advisory Committee
- Women's Welfare Committee
- Research Coordination Committee
- College Magazine Committee
- College Calendar Committee
- Fine Arts Committee
- Committee for the Prevention of Sexual Harassment of Women
- Anti-Ragging Committee
- Students Grievance Redressal Committee
- Faculty Grievance Redressal Committee
- Academic Council Committee

Recommendations of these committees are submitted to the Management for implementation. The management considers these recommendations while drafting the strategic plan of the institution.

The practice of conducting an Executive Committee Meeting once in a month is for reviewing the work done in the month. All the head of the departments, administrative staff, office staff and the management representative attend and analyze the performance of the month. The completion and shortfalls are reviewed for better performance in future. The future plans are also discussed. This process of checking, analyzing and reviewing have helped the institution to sustain the quality over the years.

Alumni express their views when they come for Alumni Meet. Their expectations are based on the need of the quality in real life situation. They use ICT for voicing their concern about quality.

The practice of maintaining the work log book for the class room teaching and getting it signed by the student representative, tutor, HOD and the Principal every day, ensures quality in class room teaching.

6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.

Yes, NAAC awareness is created among the HoDs and faculty members by implementing IQAC quality procedures. Regular review meetings are conducted at the department level. New employees are also assigned with duties in NAAC and ISO. They are trained for the same.

6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

YES, the institution undertakes academic audit and external review of the academic provisions. In addition to NAAC and IQAC reviews, Anna University and AICTE conducts regular inspections. The Inputs from these teams are used to progress further in growth and development of the institution.

6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

The Internal & external audits are carried out to adhere the quality objectives of the institution. After the Audit, observations / non-conformity given by the audit committee are rectified in time. There is no serious non-conformity in the last few years.

6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

The Principal and HODs discuss about the subject allotment and teaching / learning process methodology, course material, Lesson plan, and delivery system in an advance and the subjects are allotted as per specialization of the faculty. Regular reviews are conducted by Class committee meetings. Result analysis after every test is done by subject in-charges and class advisors and corrective actions are carried out.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

The institution communicates its quality assurance policies to the Stakeholders through Approval of AICTE and affiliation of Anna University. The Vision, Mission statements are attained through different platforms such as committees, associations and cells. Feedback from students, alumni meets, Parents teachers Association helps in further development of the institute.

CRITERION VII - INNOVATIONS AND BEST PRACTICES

7.1 Environmental Consciousness

7.1.1 Does the institute conduct a green audit of its campus and facilities?

YES, Our management is awaking of environmental concerns and takes more interest in sustaining the campus highly eco- friendly and energy conservative. All our class rooms are well lit with natural light and academic areas are well ventilated. Our college has an enhanced Environmental Policy and hence carries out various steps to maintain the campus green. Especially ECO club and NSS are functioning effectively and also conducts various activities such as planting the saplings,water harvesting, waste management and creating awareness among the students, faculty members, parents and public to maintain plastic free campus.

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

Energy conservation

➢ Students and Faculty members are being cognizant through circulars, notifications and conducting awareness programs about the importance of energy conservation.

➢ Classrooms are provided with large size windows so that natural light are sufficient instead of using the electric lights.

➢ Air conditioners are used only at essential places and that too if the situation wents badly.

➢ All kind of electric equipment's are being in good conditions which are being maintained periodically.

Energy Conservation

➢ Both college and hostels have individual power control panels and energy meters installations, which help in separate and effective monitoring and control of energy consumption.

➢ The UPS batteries are maintained in good condition which reduces energy for charging of batteries.

➢ Energy conserving lights such as Compact Fluorescent Lamp (CFL), tube lights and LEDs are used in the Institution's campus and hostels.

➢ The solar water heaters are used in hostels.

Plant Saplings

Periodic tree plantation as well as Environmental Awareness programs being conducted by NSS and ECO Club. Our campus enriched with various types of plants. In all over the area, 25% of area was covered by trees.

Quality of drinking water

In our campus, reverse osmosis (RO) purified water plant supplies safe drinking water in the college campus and both hostels. 5000 litres of clean and healthy drinking water supply per day is provided through this treatment plant.

Rain water Harvesting

Each block is provided with Rain water harvesting facility and the rain water is allowed to percolate underground through the structures in order to maintain and improve the groundwater table.

Solid Waste management

From our institution, various types of solid wastes were generated. These wastes are collected together and separated properly to an external recycling agency.

Waste water management

Waste water produced from college and hostel has been utilized to the trees and drained properly.

E- Waste management

The different types of e-waste generated in the Institute like damaged electrical, electronic and computer hardware equipments are collected together and handed over to an external e- waste recycling agency.

7.2 Innovations

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

➢ Our institution organizes a number of value added courses such as aptitude/soft skill training, software related training for the student's career development that is very useful for their placement.

➢ Enhancing the student's knowledge through participation in various research activities in recent technologies of all domains.

➢ All the students are participating in consultancy projects for their knowledge development.

- Encourages the students to participate in various co-curricular activities and competitive exams and also provides relevant materials.
- Each department has department library for upgrading the student's knowledge.
- Continuous assessment and regular monitoring of the academic performance of the students.
- Conducts NPTEL video lectures and guest lectures by the various subject experts.
- The parents are regularly conversant about the performance and attendance of the student's wards which leads to effective observation.
- Motivates the students and faculty members to write the technical papers, journals and to participate in the national/ international conferences, workshops and symposiums etc.,
- Assess the methodology of teaching periodically for developing the skills of faculty members.
- By the faculty members and students, inventing new technologies and projects through research works.
- Every year faculty members are participating in the Faculty development programs (FDP) for their skills development.

BEST PRACTICES 1

1. Title of the Practice:

Skill enrichment for Students Employability.

2. Goal:

To make confident that the students are provided with training which makes them to meet the industry expectations and other skill sets to make them competitive and employable in multinational industries.

3. Context:

Employability is one of the biggest challenges for engineering education for graduating students. The curriculum is also one of the barriers since it falls short of industry expectations. Hence there is an urgent need to provide the skill set both technical and non technical so that the student can meet the challenge.

4. Practice:

The Institution has taken frequent measures to meet the requirement for improving employability of students through setting up of separate training team for training the students in various skill oriented programs in the campus so that the student can be trained apart from their academics and also a placement cell is already in existence for intimating the students about the various placement activities which are organized in and around the districts.

5. Industry Oriented Training Program:

The Institution has its own industry "Barani Group of Companies" at Coimbatore and regular training sessions were conducted by this company for the students in terms of Internships and Project.

6. Evidence of Success:

The measures and initiatives taken by the institution help the students to upgrade their technical and non technical skills thereby enhancing their employability. The training team has been steadily improving in terms of giving training to all the students in improving their competency level and also the placement cell is making progress in increasing the number of companies visiting to the campus.

7. Problems Encountered and Resources Required:

The curriculum framed by the university is fixed and it should be updated regularly as per industry needs which is the biggest problem encountered. Some of the students are not fulfilling the eligibility Criteria of industry as required to develop the skill, so that they can overcome the deficiency and can get placed in tier 3 companies. The Resources required are continuous assessment of students for making them to prepare for attending the skill tests.

8. Concluding Notes:

Continuous monitoring and sessions handling by the training team and the placement cell induce the students to enhance their employability skills.

BEST PRACTICES 2

1. Title of the Practice:

Continuous Internal Assessment Pattern

2. Goal:

To ensure that the students learn continuously throughout their course of study rather than concentrating at the end of the semester.

3. Context:

The focus on the weightage for their internal assessment has been made in order to enhance the students to concentrate more on their studies continuously throughout the course period. This helps the students to learn beyond their syllabus and also makes them understand the technical aspects of the subjects in a better way.

4. Practice:

Students were given extra coaching, free of cost, in all the subjects in general. The students were given extra guidance in the core subjects of their respective specialization in particular. The college ensured that the students are provided with the question framed by the experienced faculty of the college. The question banks have facilitated the students in such a way that their efforts in the final exams have started bearing fruits. Our college encourages hostel students to practice yoga and meditation which help the students to gain concentration and to get relieved from stress.

5. Evidence of success:

The success of the revised pattern of assessment of internal marks is evident from the following:

➢ Commitment of students in learning
➢ Involvement in acquiring knowledge by the students
➢ Interaction in the classes between Faculty members and students and
➢ Academic result improvement.

6. Problems Encountered and Resources Required

The Institution believes this could be a very robust approach for enhancing the students' technical and reasoning ability. Furthermore, modern pedagogical best practices often require class time that was traditionally devoted for transmitting facts and hence, the learning of content is shifted to students, outside the class.

• Poor language ability of the rural background students.

• Excess usage of stationeries like production of papers affecting the environment

7. Contact Details

Name of the Principal: Dr. R.Maguteeswaran

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DEPARTMENT OF CIVIL ENGINEERING

1. **Name of the department**   : Civil Engineering

2. **Year of Establishment**   : 2010

3. **Names of Programmes/Courses offered**   :

         UG – Civil Engineering

         PG – Structural Engineering

4. **Names of Interdisciplinary courses and the departments/units involved**

Sub Code	Inter disciplinary courses	Year/Sem	Departments Involved
GE6151	Computer Programming	I/I	CSE
GE6152	Engineering Graphics	I/I	Mechanical Engineering
GE6161	Computer Practices Laboratory	I/I	CSE
GE6162	Engineering Practice Laboratory	I/I	EEE, ECE & MECH
GE6252	Basic Electrical and Electronics Engineering	I/II	EEE
MA6351	Transforms& Partial Differential Equations	II/III	Science and Humanities
MA6459	Numerical Methods	II/IV	Science and Humanities
GE6563	Communication Skill Laboratory Based	III/V	Science and Humanities

5. **Annual/semester/choice based credit system (programme wise)**

     UG: Civil Engineering – Semester based Credit system

     PG: Structural Engineering – Semester based Credit system

6. **Participation of the department in the courses offered by other departments**

Sub Code	Name of the course	Year/Sem	Name of the Department
GE6152	Engineering Graphics	I/I	Science and Humanities
GE6162	Engineering Practice Lab	I/I	Science and Humanities
GE6253	Engineering Mechanics	I/II	Science and Humanities
GE6261	Computer Aided Drawing and Drafting Lab	I/II	Science and Humanities
GE 2152	Basic Civil and Mechanical Engineering	I/II	Science and Humanities

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

Nil

8. Details of courses/programs discontinued (if any) with reasons: Nil

9. Number of teaching posts

	Sanctioned	Filled
Professors	1	-
Associate Professors	2	2
Asst. Professors	15	15

10. Faculty profile with name, qualification, designation, specialization, (D.Sc. / D.Litt./Ph.D./ M.Phil. etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students Guided for the Last 4years
Mr.R.Gobinath	M.E.,(Ph.D.)	Asso.Prof.& HOD	Environmental Engineering	13.7	-
Mr.V.Vijayan	M.E.	Asst.Prof	Construction Engineering and Management	2.6	-
Mr.T.Sathanandham	M.E.	Asst.Prof	Construction Engineering and Management	2.6	-
Mr.S.Karthik	M.E.,(Ph.D)	Asst.Prof	Structural Engineering	5.6	-
Mr.E.Sureshkumar	M.E.	Asst.Prof	Construction Engineering and Management	3.7	-
Mr.K.Satheeskumar	M.E.	Asst.Prof	Structural Engineering	2.6	-
Mr.K.T.Nataji	B.E(M.E.)	Lecturer	Structural Engineering	1.6	-
Mr.P.Karthi	M.E.	Asst.Prof	Structural Engineering	0.5	-
Mr.J.Muralidharan	B.E., M.Tech	Asst.Prof	Remote sensing	0.6	-
Ms.V.Karthika	M.E.	Asst.Prof	Structural Engineering	0.6	-

| Ms.M.Kokila | B.E., M.Tech | Asst.Prof | Remote sensing and Wireless sensor Networks | 0.6 | - |

11. List of senior visiting faculty: Nil

12.   Percentage of lectures delivered and practical classes handled by temporary faculty: Nil

13. Student-Teacher Ratio

Name of the Programme	Student Teacher Ratio
UG	16:1
PG	12:1

14. Number of academic support staff technical)and administrative staff; sanctioned and filled

Category	Sanctioned	Filled
Academic Support Staff (Technical)	4	2
Administrative Staff	-	-

15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG.

Teaching Faculty	
Qualification	Number
Ph.D.	-
Ph.D. (pursuing)	02
M.E	08
M.E (Pursuing)	01

16.   Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Title of the Project	Number of Faculty members involved	Funding agency	National / International	Grants Proposed / Received	Present status
Nil					

17. Departmental projects funded y DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:

Title of the Project	Number of Faculty members involved	Funding agency	National / International	Grants Proposed / Received	Present status
Nil					

18. Research Centre/facility recognized by the University: Nil

19. Publications

(a) Number of papers published in peer reviewed journals (national / international) by faculty and students

<p style="text-align:center">PUBLICATION PER FACULTY</p>

S.No.	NAME OF THE FACULTY	CONFERENCE		JOURNAL		BOOK/MONO GRAGH/CHA PTER
		National	International	National	International	
1	Mr.R.Gobinath	23	18		50	-
2	Mr.V. Vijayan	08	02	---	04	-
3	Mr.T.Sathanandham	08	04	---	09	-
4	Mr.S.Karthik	03	01	---	06	-
5	Mr.E.Sureshkumar	06	04	---	04	-
6	Mr.K. Satheeskumar	03	--	---	01	-
7	Mr.K.T.Nataji	03	---	----	01	-

<p style="text-align:center">PUBLICATION BY STUDENT</p>

S.No.	Academic Year	CONFERENCE		JOURNAL	
		National	International	National	International
1	2012-13	08	02	--	28
2	2013-14	116	18	--	26
3	2014-15	95	15	--	06

(b) No. of Papers published in peer viewed journals

S.No.	Name of the Faculty	Title of paper published	Name of the Journal/ Volume/Page number/ Year / DOI or ISSN	Impact factor
1	Mr.R.Gobinath	Treatment of textile waste water by adsorption process combined with anaerobic digestion	International journal of Applied Engineering Research	1.4
2	Mr.V. Vijayan	A review on Reuse of textile sludge in manufacturing brick	World journal of engineering and technology	0.33

3	Mr.V. Vijayan	Strength of concrete by partially replacement the coarse aggregate using M-sand	Scholar journal of engineering and technology	1.2
4	Mr.T.Sathanandham	Partially replacement of fine aggregate by rice husk and egg shell in concrete	International journal of innovative research studies	0.765
5	Mr.T.Sathanandham	Experimental investigation of self-compacting concrete using copper slag	International journal of engineering research and technology	1.76
6	Mr.T.Sathanandham	Preliminary studies of self-curing concrete with the addition of polyethylene glycol	International journal of engineering research and technology	1.76
7	Mr.S.Karthik	Seismic vulnerability of open ground floor column	International journal of scientific engineering & research	1.6
8	Mr.S.Karthik	Analytical studies on flanged shear wall under lateral loading using ANSYS	International journal of innovative research studies	0.765
9	Mr.S.Karthik	Soil stabilization by using local available Eco friendly material pond ash	International journal of innovative research studies	0.765
10	Mr.S.Karthik	Soil stabilization using fly ash	International organization of scientific research	1.213
11	Mr.E.Sureshkumar	Experimental investigation of self-compacting concrete using copper slag	International journal of engineering research and technology	1.76
12	Mr.E.Sureshkumar	Characteristic studies on self-compacting concrete using Nano silica with copper slag	International journal of engineering research and technology	1.76
13	Mr.E.Sureshkumar	Studies on property of concrete with fluorescent waste glass powder	International journal of engineering research and technology	1.76

14	Mr.K.SatheshKumar	Treatment of Dye Waste Using Phytoremedi ation	JWPPR	**1.753**

20. Areas of consultancy and income generated

S.No.	Department	Academic Year	Name and designation of the Principal Investigator	Name of the consultancy services	Revenue generated in Rs.
1	CIVIL	2014 – 15	Mr.E.Sureshkumar Asst.prof, JSRGI	The Ramco Cement Ltd	9500
				Samraj Construction mayura packaging	1250
			Mr.S.Karthik& Mr.E.Sureshkumar Asst.prof, JSRGI	PWD (UPPAR DAM)	14500
		2015 – 16	Mr.E.Sureshkumar Asst.prof, JSRGI	The Ramco Cement Ltd	14950
				Sky Ready mix unit	1200
				Er.Rathnasabapathy	1250
				Cotton Park Clothings	2500
				SRV & Co	10600
				KCP.SRV & Co	2000
				M.K. Selvam Constructions	1500
				Yuva Hollow Bricks	1700
				Er.SaravanaKumar	500

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards

S.No.	Name of the faculty	National /International Committee
1	Mr.R.Gopinath	Life member, Indian association of soil and water Conservations.
		Life member, Indian Society of technical education.

		Life member, Indian society of hydraulics
		Life member, Indian society of Hill Agricultural
		Life member, Indian water works Association
		Life member, Indian Society Of Theoretical and Applied Mechanics
		Life member, Indian society of Remote sensing
		Life member, Indian society of Geomatics
2	Mr.V.Vijayan	Life member, International Association of Engineers
		Life member, International Society for Photogrammetry and Remote Sensing
3	Mr.T.Sathanandham	Life member, International Association of Engineers
		Life member, International Society for Photogrammetry and Remote Sensing
4	Mr.S.Karthik	Life member, International Association of Engineers
		Life member, International Society for Photogrammetry and Remote Sensing
5	Mr.E.Sureshkumar	Life member, International Association of Engineers
		Life member, International Society for Photogrammetry and Remote Sensing
6	Mr.K.Satheeskumar	Life member, International Association of Engineers
		Life member, International Society for Photogrammetry and Remote Sensing
7	Mr.K.T.Nataji	Life member, International Association of Engineers
		Life member, International Society for Photogrammetry and Remote Sensing
8	Mr.P.Karthi	Life member, International Association of

		Engineers
		Life member, International Society for Photogrammetry and Remote Sensing
9	Mr.J.Muralidharan	Life member, Indian Society of Remote sensing
		Life member, International Association of Engineers
		Life member, International Society for Photogrammetry and Remote Sensing
10	Ms.V.Karthika	Life member, International Association of Engineers
		Life member, International Society for Photogrammetry and Remote Sensing
11	Ms.M.Kokila	Life member, Indian Society of Remote sensing
		Life member, International Association of Engineers
		Life member, International Society for Photogrammetry and Remote Sensing

22. Student projects

Percentage of students who have done in-house projects including inter departmental/programme

Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

UG

Academic Year	In house projects (%)	Outside the Institution (%)	
		Industry	**Other Agencies**
2013 - 14	100	-	-
2014 - 15	100	-	-

PG

Academic Year	In house projects (%)	Outside the Institution (%)	
		Research Laboratories/Industry	**Other Agencies**
Nil			

23. Awards/Recognitions received by faculty and students

Certificate of appreciation for producing best academic results

Academic year	No of Faculty
2012 -13	01
2013 -14	01
2014 - 15	06

Academic achievements by students: Nil

Awards in Co-curricular & Extracurricular Activities

S.No.	Name of the Student	Year of Study	Event Participated	Date	Venue	Awards Earned
2013 -2014						
1	P.GOWTHAM	THIRD YEAR	DUMB – C TECHNICAL	4/10/13	VV COLLEGE OF ENGG	I
2	S.THANGARAJ	THIRD YEAR	DUMB – C TECHNICAL	4/10/13	VV COLLEGE OF ENGG	I
3	V.PRABU	THIRD YEAR	TRESURE HUNT	17/3/14	KALAIVANI COLLEGE OF TECHNOLOGY	I
4	E.ASHOK KUMAR	THIRD YEAR	CAD MODELLING	22/2/14	EBET	I
5	T.PRAKASH	SECOND YEAR	MONO ACTING	27/1/14	ADHIYAMAAN COLLEGE OF ENGINEERING	II
6	G.RAJA	SECOND YEAR	MONO ACTING	27/1/14	ADHIYAMAAN COLLEGE OF ENGINEERING	II
7	P.GOWTHAM	THIRD YEAR	CAD CARIBRE	27/2/2014	KPR IET, CBE	II
2014 – 2015						
1	B.BALACHANDAR	SECOND YEAR	PAPER PRESENTATION	14/8/14	KONGUNADU ENGINEERING COLLEGE	II
2	S.DHANA SEKAR	SECOND YEAR	PAPER PRESENTATION	14/8/14	KONGUNADU ENGINEERING COLLEGE	II

24. List of eminent academicians and scientists/visitors to the department: Nil

25. Seminars/Conferences/Workshops organized & the source of funding

 a) National b) International: Nil

26. Student profile programme / course wise

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2010 -14	37	37	28	09	89.2%
2011 -15	55	55	54	01	70.9%

27. Diversity of Students

Name of the Course/ Academic year	% of students from the same state	% of students from other States	% of students from abroad
2010 - 14	87	13	-
2011 - 15	52	03	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? : Nil

29. Student progression

Student Progression	2012-13	2013-14	2014-15
UG to PG	-	09	02
PG to M.Phil.	-	-	-
PG to Ph.D.	-	-	-
Employed Campus selection	-	07	02
Other than campus recruitment	-	21	51

30. Details of infrastructural facilities

a) Library

Total no of Titles	Total no of volumes	National Journals[Central Library]	International Journals[Central Library]	VCD (e books) [Central Library]	DVD (NPTEL and other video Lectures)

126	437	12	07	63	NPTEL videos were stored by 1 TB hard disk for all civil subjects

b) Internet facilities for Staff & Students

1. Name of Internet Service Provider   : BSNL

   Available bandwidth   : 10Mbps

c) Class rooms with ICT facility

    3 LCD projectors are used by the department faculty to provide better interactive teaching methodology.

d) Laboratories

S.No.	Name of the Laboratory	Details of Equipments
1	Computer Aided Drafting And Modeling Laboratory & Computer Aided Building Drawing	Acer /VT-H812GB/500GB
		AUTO CAD (Education PACK)
		HP Laser Printer
2	Survey Practical Laboratory - I & II	Total Station
		Theodolites
		Dumpy level
		Plane table
		Pocket stereoscope
		Leveling staff
		Cross staff
		Chains
		Tapes
		Arrows
		Prismatic Compass
		Surveyor Compass
		Ranging rods
		Electronics the dolite
3	Hydraulic Engineering	Closed circuit calibration rig for orificemeter

	Laboratory	Closed circuit calibration rig for venturimeter
		Measuring frictional losses in pipe lines
		Close circuit reciprocating pump test rig - 1HP
		Closed circuit Frances turbine test rig 2HP
		Centrifugal pump test rig - 3HP
		Submersible pump test rig - 1HP
		Rotameter test rig - 1 line
		V.Kaplan turbine test rig - 2HP
		Closed circuit pelton wheel turbine test rig 2HP
		Stop watch "RACER" Make
		Gear pump
		closed circuit Bernoulli's theorem apparatus
		Closed circuit apparatus for measuring losses in pipe lines due to bends Elbows sudden expansion and sudden contraction - 1 line
		Meta centric height apparatus
		Closed circuit notchs tank apparatus
		Closed circuit JEN on vane apparatus
		Triple open channel flow apparatus
		Closed circuit pitot tube apparatus (Measurement of velocity)
		Closed circuit combined unit co-efficient of discharge velocity and contraction of orifice and coefficient of discharge through mouth piece apparatus
		Closed circuit deep well turbine pump test rig
		Closed circuit/ Multistage/single speed/centrifugal pump test rig 1HP
4	Soil Mechanics Laboratory	Pycnometer
		Sieve sets

		Sieve shaker
		Casagronde apparatus
		Plastic limit test apparatus
		Shrinkage limit test apparatus
		Cone penetration test apparatus
		Proctor compaction apparatus
		California Bearing Ratio Test apparatus
		North Dakata apparatus
		Direct shear test apparatus
		Consolidation test setup
		Vane shear
		Permeability test setup
		UCC mould
		Loading Frame
		Triaxial test setup
		Air dried oven
		Sand replacement test apparatus
		Core cutter apparatus
		Hydrometer
5	Environmental Engineering Laboratory	Oxygen analyzer
		Spectrophotometer
		Ion – selective electrode
		Sodium Potassium Analyzer – Flame Photometer
		Nephlo - turbidity meter
		BOD Analyser
		COD Analyser
		Jar Test Apparatus

6	Concrete And Highway Engineering Laboratory	Concrete cube moulds
		Concrete cylinder moulds
		Concrete Prism moulds
		Sieves set
		Concrete Mixer
		Slump cone
		Flow table
		Vibrator
		Trovels and planers
		Vee Bee Consistometer
		Compression Test Machine
		Aggregate impact testing machine
		CBR Apparatus
		Blains Apparatus
		Los - Angeles abrasion testing machine
		Marshall Stability Apparatus
7	Advanced Structural Engineering Laboratory	Strong Floor
		Loading Frame
		Hydraulic Jack
		Load Cell
		Proving Ring
		Rebound Hammer
		Ultrasonic Pulse Velocity Tester
		Dial Gauges
		Clinometer
		Vibration Meter

31. Number of students receiving financial assistance from college, university, government other agencies

Academic year	No of students	
	College/University/Government	Other agencies
2012 – 13	83	Nil
2013 – 14	137	Nil
2014 - 15	191	Nil

32. Details on student enrichment programs (special lectures/workshops/seminar) with external experts

KNOWLEDGE BASED ENRICHMENT PROGRAMS		
Date	Name of the Event	Resource person
27.08.13	Seminar on Estimation and Valuation	Er.K.Rathinasabapathy, Shaba Associates & Consultant, Tirupur
10.09.13	Guest lecture Advanced concrete technology	Mr.Radhakrishnan, Quality Manager, Indian Concrete Institute.
10.09.13	Seminar New materials and technology in constructions	Mr.Jeyashankar, Production manager, Ultra tech cement
11.10.13	Guest lecture Recent trends in civil engineering	Mr.Suresh Asst. Engineer, PWD
10.11.14	Seminar on Structural Dynamics	Dr.Thirugnanasampatham, Professor and Head, Dept of Civil Engineering, IRTT, Erode.
11.03.15	Workshop on Design of Bridge	Mr.P. Pavan Kumar and team, IIT Khanpur.
CAREER GUIDANCE BASED ENRICHMENT PROGRAMMES		
22.07.13	Aptitude Training	Mr. Aravind
26.07.13	Soft skills Training	Mr. Joel Jasuroy

33. Teaching methods adopted to improve student learning

- Chalk and Board.
- Power Point Presentation.
- Audio-Visual aids (films and videos on subject related topics)
- Case Study Method
- Group Discussion Method
- Ebooks
- NPTEL videos

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

All the ISR activities are conducting by NSS, YRC, Red Ribbon Club and Civil department association.

35. SWOC analysis of the department and Future plans

STRENGTH

- State of art laboratory and class rooms.
- Core stream department.
- Young and dedicated staff members.
- Consistent and Hard work students.
- Personal cares for students are taken through mentoring and counseling.
- Conduct the value added courses.
- Good consultancy work with the help of student's participation.

WEAKNESS

- Necessity to involve more students in industry collaborative and social relevant research projects.
- Unfortunate interaction with the construction industry.
- Most of the students are from rural background and had a less learning ability of engineering curriculum.

OPPORTUNITIES

- Developing Centre of excellence in inter disciplinary areas.
- Staring advanced certification courses for career development of students.
- Chances of improvement in job opportunities.

CHALLENGES

- Develop the research work for various stream of core department.
- Placing students in leading core companies.

➤ Getting patents for research projects

➤ Motivating the students towards research innovations.

FUTURE PLANS

➤ To enhance the academic abilities of staff and students.

➤ Producing more University Ranks.

➤ To publish in highly impact factor journals by faculty.

➤ MOUs with various core industries.

➤ Organize international/national conferences.

➤ To increase the interaction between industries and students.

DEPARTMENT OF CSE

1. **Name of the department**   : Computer Science & Engineering

2. **Year of Establishment**   : 2009

3. **Names of the Courses offered**   :

    UG – Computer Science & Engineering

    PG – Computer Science & Engineering

4. **Names of the Inter Disciplinary Courses and the Departments/Units involved**

Sub Code	Inter Disciplinary Courses	Year/Sem	Departments Involved
CS6201	Digital Principles and System Design	I/II	ECE
CS6211	Digital Laboratory	I/II	ECE
MA6351	Transforms and Partial Differential Equations	II/III	Science and Humanities
CS6304	Analog and Digital Communication	II/III	ECE
GE6351	Environmental Science and Engineering	II/III	Science and Humanities
MA6453	Probability and Queuing Theory	II/IV	Science and Humanities
CS6412	Microprocessor and Microcontroller Laboratory	II/IV	ECE
MA6566	Discrete Mathematics	III/V	Science and Humanities
IT6502	Digital Signal Processing	III/VI	ECE
GE6674	Communication and Soft Skills - Laboratory Based	III/VI	Science and Humanities

5. **Annual/semester/choice based credit system (programme wise)**

    UG: Computer Science & Engineering – Semester based Credit system

    PG: Computer Science & Engineering – Semester based Credit system

6. **Participation of the department in the courses offered by other departments**

Sub Code	Name of the course	Year/Sem	Name of the Department
GE6151	Computer Programming	I/I	EEE,CIVIL,MECH,ECE,IT
GE6161	Computer Practices Laboratory		

EC6301	Object Oriented Programming and Data Structures	II/III	
EC6312	OOPS and Data Structures Laboratory	II/III	ECE
CS6303	Computer Architecture	III/VI	
GE6263	Computer Programming Laboratory	I/II	
CS6456	Object Oriented Programming	II/IV	EEE
CS6461	Object Oriented Programming Laboratory	II/IV	

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

Name of the Course	Participating Institution / Industry	Beneficiary
Open Source-PHP	Rooman Technologies Chennai.	IV-Years
Advanced Network Security	HCL, Velachery	III-Years
Data Mining & Data Warehousing –An Industry Perspective	NTT Data, Chennai.	IV-Years
Java & its Applications	Sri Krishna I-Tech, Coimbatore.	III-Years
Web Design	Blue Tech, Coimbatore.	III-Years
Android	Crisp Systems, Coimbatore.	IV-Years
C & C++	DOD Training Academy,Coimbatore.	II-Years
ASP.NET	Poras Technologies, Coimbatore.	III-Years
Android Mobile Development	Purple Pro, Coimbatore.	IV-Years
Java Programming	DOD Training Academy,Coimbatore.	III-Years

8. Details of courses/ programmes discontinued (if any) with reasons : Nil

9. Number of teaching posts

	Sanctioned	Filled
Professors	1	1
Associate Professors	2	2
Assistant Professors	13	13

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc. / D.Litt./Ph.D./ M.Phil. etc.)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students Guided for the Last 4years
Dr.S.Rajalakshmi	M.E., Ph.D.,	Professor	CSE	10	3
Ms.D.Kalaiselvi	M.E.,(Ph.D.,)	Associate Professor	CSE	9.6	-
Ms.A.Gokilavani	M.E.,(Ph.D.,)	Associate Professor	CSE	8.10	-
Ms.S.T.Tharani	M.E.,	Asst.Prof	CSE	4.7	-
Mr.S.Saravanakumar	M.E.,	Asst.Prof	CSE	4.7	-
Ms.R.Anitha	M.E.,	Asst.Prof	CSE	4.7	-
Ms.K.Saranya	M.E.,	Asst.Prof	CSE	2.7	-
Mr.A.M.Ravishankkar	M.E.,(Ph.D.,)	Asst.Prof	CSE	3.10	-
Ms.S.Sarumathi	M.E.,	Asst.Prof	CSE	3.5	-
Mr.T.Yogananth	M.E.,(Ph.D.,)	Asst.Prof	CSE	3.5	-
Ms.P.Mallika	M.E.,	Asst.Prof	CSE	4.3	-
Mr.T.Seenivasan	M.E.,	Asst.Prof	CSE	4.5	-
Mr.M.Arunkumar	M.E.,	Asst.Prof	CSE	2.7	-
Ms.S.Rajeswari	M.E.,	Asst.Prof	CSE	2.7	-
Ms.K.Sathya	M.E.,	Asst.Prof	CSE	7 Months	-
Ms.V.Sathyadevi	M.E.,	Asst.Prof	CSE	7 Months	-

11. List of senior visiting faculty **:** Nil

12. Percentage of lectures delivered and practical classes handled by temporary faculty: Nil

13. Student-Teacher Ratio

Name of the Programme	Student Teacher Ratio
UG	15:1

PG	12:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Category	Sanctioned	Filled
Academic Support Staff (Technical)	3	3
Administrative Staff	1	1

15. Qualifications of teaching faculty with DSc /D.Litt /Ph.D /MPhil /PG.

Teaching Faculty	
Qualification	Number
Ph.D.	1
M.E	15
B.E	-

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre/ facility recognized by the University

Mobile Application Development Lab in association with Newareelia Soft Tech, Coimbatore

19. Publications

(a) Number of papers published in peer reviewed journals (national / international) by faculty and students

<p align="center" style="color:red">PUBLICATION PER FACULTY</p>

S.No.	NAME OF THE FACULTY	CONFERENCE		JOURNAL		BOOK/ MONOGRAGH/ CHAPTER
		National	Inter national	National	Inter national	
1	Dr.S.Rajalakshmi	5	9	Nil	25	2 Books
2	Ms.A.Gokilavani	5	7	Nil	6	2 Books
3	Ms.D.Kalaiselvi	10	2	Nil	4	1 Book

4	Ms.S.T.Tharani	Nil	Nil	Nil	4	-
5	Mr.S.Saravanakumar	1	1	Nil	2	1 Book
6	Ms.R.Anitha	2	5	Nil	7	1 Book (ongoing)
7	Ms.K.Saranya	Nil	2	Nil	2	1 Book (ongoing)
8	Mr.A.M.Ravishankkar	1	2	Nil	6	1 Book
9	Ms.S.Sarumathi	1	Nil	Nil	2	-
10	Mr.T.Yogananth	1	Nil	Nil	8	-
11	Ms.P.Mallika	2	1	Nil	5	1 Book (ongoing)
12	Mr.T.Seenivasan	4	Nil	Nil	5	-
13	Mr.M.Arunkumar	Nil	Nil	Nil	1	-
14	Ms.S.Rajeshwari	4	4	Nil	6	1 Book (ongoing)
15	Ms.K.Sathya	2	1	Nil	3	-
16	Ms.V.Sathyadevi	Nil	2	1	1	-

PUBLICATIONS BY STUDENT

S.No.	Academic Year	CONFERENCE		JOURNAL	
		National	International	National	International
1	2012-2013	-	2	-	-
2	2013-2014	46	39	-	23
3	2014-2015	18	38	1	29
4	2015-2016	-	-	-	-

(b) **No. of Papers published in peer viewed journals**

S.No.	Name of the Faculty	Title of paper published	Name of the Journal/ Volume/ Page number/ Year / DOI or ISSN	Impact factor
1	Dr.S.Rajalakshmi	Weighted Quantum	Journal of Theoretical and Applied	

		Particle Swarm Optimization to Association Rule Mining and PSO to Clustering	Information Technology, Volume 65, No:3 Issue 3, July 2014, ISSN: 1992-8645, pp. 680-686	-
2	Dr.S.Rajalakshmi	A Rational approach in Medical Data Mining for Breast Cancer Datasets Using Association Rule Mining	International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 2 (2015) pp. 3233-3238	1.32
3	Dr.S.Rajalakshmi	Data mining Analysis of Educational Implicit Data Codification and Sharing in Higher Education	International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 17 (2015), PP No: 13860-13684	1.32
4	Ms.R.Anitha	A Rational approach in Medical Data Mining for Breast Cancer Datasets Using Association Rule Mining	International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 2 (2015) pp. 3233-3238	1.32
5	Ms.R.Anitha	Data mining Analysis of Educational Implicit Data Codification and Sharing in Higher Education	International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 17 (2015), PP No: 13860-13684	1.32
6	Mr.S.Saravanakumar	Data mining Analysis of Educational Implicit Data Codification and Sharing in Higher Education	International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 17 (2015), PP No: 13860-13684	1.32
7	Ms.S.Rajeswari	Data mining Analysis of Educational Implicit Data Codification and Sharing in Higher Education	International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 17 (2015), PP No: 13860-13684	1.32

8	Mr.M.Arunkumar	Data mining Analysis of Educational Implicit Data Codification and Sharing in Higher Education	International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 17 (2015), PP No: 13860-13684	1.32
9	Dr.S.Rajalakshmi	Quality of Service Routing in MANET Using a Hybrid Intelligent Algorithm Inspired by Cuckoo Search	The Scientific World Journal, ISSN: 2356-6140 (print), Volume 2015 http://dx.doi.org/10.1155/2015/703480	1.2

BOOKS PUBLISHED

S.No.	Name of the Faculty	Details
1	Dr.S.Rajalakshmi	"Theory of Computation" for Regulation 2013, Anna University, Chennai. Dated: May 2015, ISBN: 9788190840033.
2	Ms.A.Gokilavani	"Theory of Computation" for Regulation 2013, Anna University, Chennai. Dated: May 2015, ISBN: 9788190840033.
3	Dr.S.Rajalakshmi	"Computer Programming", for Regulation 2013, Anna University, Chennai. Dated: Sep 2015, ISBN: 9789384301286.
4	Ms.A.Gokilavani	"Computer Programming", for Regulation 2013, Anna University, Chennai. Dated: Sep 2015, ISBN: 9789384301286.
5	Ms.D.Kalaiselvi	"Computer Programming", for Regulation 2013, Anna University, Chennai. Dated: Sep 2015, ISBN: 9789384301286.
6	Mr.A.M.Ravishankkar	"Computer Programming", for Regulation 2013, Anna University, Chennai. Dated: Sep 2015, ISBN: 9789384301286.
7	Mr.S.Saravanakumar	"Computer Programming", for Regulation 2013, Anna University, Chennai. Dated: Sep 2015, ISBN: 9789384301286.

20. Areas of consultancy and income generated

Academic Year	Name of the Company	Number of faculty Involved	Income Generated (in Rs)
2013-14	Ad Panchayat Tirupur	15	Rs. 2,49,375
2013-14	Ad Panchayat Tirupur	15	Rs.69,875
2014-15	NSE.IT	6	Rs.32,840
2015-16	NSE.IT	6	Rs.14,272
2015-16	TCS	20	Rs.2,60,000

21. **Faculty as members in**

a) **National committees b) International Committees c) Editorial Boards**

S.No.	Name of the Faculty Involved	National/International Committees	Roles and Responsibilities
1	Dr.S.Rajalakshmi	ISTE	Life Time Member
		IEEE	Member
		IAENG	Member
		IACSIT	Member
		International Journal on Engineering Technology and Sciences	Chief Editorial Board Member
		Journal of Advanced Database Management & Systems	Editorial Board Member
		Journal of Applied Science and Engineering Methodology	Editorial Board Member
		International Journal of Computer Science and Engineering Communications	Editorial Board Member
		ICTACT Journal on Soft Computing & ICTACT Journal on Communication Technology	Reviewer
2	Ms.P.Mallika	ISTE	Life Time Member

22. **Student Projects**

Percentage of students who have done in-house projects including inter departmental/programme

Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

UG

Academic Year	In house projects (%)	Outside the Institution (%)	
		Industry	Other Agencies
2012-13	100	-	-
2013-14	95	5	-
2014-15	45	55	-

PG

Academic Year	In house projects (%)	Outside the Institution (%)	
		Research Laboratories/Industry	Other Agencies
2013-14	100	-	-
2014-15	100	-	-

23. Awards/Recognitions received by the students

S.No.	Name of the Student	Awards
1	Mohammed Irfan.L S.Muthurangasamy M.Saravanan S.Karthikeyan	Best Project Award
2	P.J.Varshini B.Sindhuja	Best Project Award
3	D.P.Sri Ridanya N.Sarmila Devi K.Santhosini K.M.Subhasini	Best Project Award

Awards/Recognitions received by the faculty

S.No.	Name of the Faculty	Awards
1	Dr.S.Rajalakshmi	Best Faculty Award & Life Time Achievement Award

Certificate of appreciation for producing best academic results

Academic year	No of Faculty
2012-13	9
2013-14	5
2014-15	4

Academic achievements by students

Name of the student	Batch	University Rank	Recognition by Institution
M.Nithya	2009-13(BE)	22nd Rank	Cash Awards
A.Sowndaravalli	2009-13(BE)	36th Rank	
M.Shruthi	2009-13(BE)	47th Rank	

S.No.	Name of the student	2013-15(ME)	34th Rank	
	V.Sathyadevi	2013-15(ME)	34th Rank	

Awards in Co-curricular & Extracurricular Activities

S.No.	Name of the student	Organization	Event	Award
Academic year 2012-13				
1	M.Nagaraj	M.P.Nachimuthu M.Jaganathan Engineering College	Multimedia	1st Prize
2	S.Velprakash	M.P.Nachimuthu M.Jaganathan Engineering College	Multimedia	1st Prize
3	B.Sindhuja	JSRGI	Essay Writing(Tamil)	1st Prize
4	B.Sindhuja	JSRGI	Essay Writing(English)	1st Prize
5	B.Sindhuja	JSRGI	Oration(English)	1st Prize
6	B.Sindhuja	JSRGI	Debate	1st Prize
7	B.Sindhuja	JSRGI	Quotes Writing	1st Prize
8	B.Sindhuja	JSRGI	Drawing	2nd Prize
9	B.Sindhuja	JSRGI	Verse Writing	2nd Prize
10	B.Sindhuja	JSRGI	Solo Dance	2nd Prize
11	S.Saraswathi	JSRGI	Group Dance	1st Prize
12	S.Anbarasu	JSRGI	Technical Quiz	3rd Prize
13	S.Anbarasu	JSRGI	Code Master	3rd Prize
14	Sangeetha.M	JSRGI	Project Presentation	3rd prize
15	E.Priya	JSRGI	Project Presentation	3rd prize
16	N.Saranya	JSRGI	Project Presentation	3rd prize
Academic year 2013-14				
1	L.Mohammed Irfan	SNS College of Engineering	Paper Presentation	2nd Prize
2	S.Muthurangasamy	SNS College of Engineering	Paper Presentation	2nd Prize
3	B.Sindhuja	JSRGI	Oratorical competition	1st Prize

4	B.Sindhuja	JSRGI	Oratorical competition	2nd Prize
5	M.Manibharathi	TERF'S Academy College of Arts & Science	Code Debugging	1st Prize
6	S.Anbarasu	Tejaa Shakthi Institute of Technology for Women	Paper Presentation	1st Prize
7	B.Sindhuja	Dr.Mahalingam College of Engineering & Technology	Project Expo	2nd Prize
8	K.Sabarinath	SVS College of Engineering	Paper Presentation	3rd Prize
9	M.Manibharathi	JSRGI	Solo Song	1st Prize
10	S.Anbarasu	TERF'S Academy College of Arts & Science	Paper Presentation	2nd Prize
11	V.Maheswaran	TERF'S Academy College of Arts & Science	Debugging	2nd Prize
12	V.Maheswaran	TERF'S Academy College of Arts & Science	Quiz	1st Prize
13	A.Arunraja	TERF'S Academy College of Arts & Science	Quiz	1st Prize
14	A.Arunraja	TERF'S Academy College of Arts & Science	Debugging	2nd Prize
Academic year 2014-15				
1	B.Satheeshkumar	Sasuire College of Engineering	Best Engineer	2nd Prize
2	B.Satheeshkumar	Sasuire College of Engineering	Quiz	2nd Prize
3	C.Pavithra	R.V.S College of Engineering & Technology	ADD-MAD	2nd Prize

24. List of eminent academicians and scientists/visitors to the department

Academic year	List of eminent academicians and scientists	Name of the Event
2012-13	Mr.P.K.Sasikumar, Assistant Professor, TamilNadu Engineering College, Coimbatore	Guest Lecture
	Prof.V.Vignesh,AP/MCA, Sri Ramakrishna Engineering College, Coimbatore.	Guest Lecture

	Prof.N.P.Ananthamoorthy, HOD/EEE, Hindustan College of Engg. & Tech., Coimbatore, Dr.S.Mangai, HOD/CSE, Velalar College of Engineering, Dr.D.Chitra, HOD / CSE PA College of Engineering, Dr.G.Lakshminarayanan, ASP/ECE, National Institute of Technology, Mr.I.Senthil Kumar, Team Leader, Oracle Corporation, Bangalore, Dr.S.N.Deepa, HOD/EEE, Anna University Regional Centre, Coimbatore, Dr.U.S.Ragupathy, HOD/EIE. Kongu Engineering College, Erode Dr.R.Vanithamani, HOD/ECE, Sri Shanmuga College of Engineering, Erode	National Conference
2013-14	Dr.S.Gunasekaran HOD/CSE,CIET	Workshop
	Prof.Y.BabyKalpana, HOD/CSE(PG), RVS FOE,Coimbatore	Guest Lecture
	Prof.P.K.Sasikumar, AP/CSE,TCE, Coimbatore	Guest Lecture
	Dr.C.Gowrishankar, ASP/EEE,KSRCE, Coimbatore	Guest Lecture
	Dr.S.N.Sivanandham, Dean, Karpagam University Dr.S.N.Deepa , Deputy Director,Affiliation, Anna University,Coimbatore	International Conference
2014-15	Mr.Andrew, Assistant Professor/CSE, Sri Krishna High-Tech Engineering College, Coimbatore.	Seminar

	Mr.Bharanidharan, Assistant Professor, Sri Ramakrishna Engineering College, Coimbatore.	Workshop
	Dr.C.Gowrishankar, ASP/EEE, KSRCE,Coimbatore	Guest Lecture
	Dr.Senthil Kumaran, Director-Research, Adhithya Institute of Technology, Coimbatore	Seminar
	Dr.R.Mahesh, Institute of Road & Transport Technology, Erode	Guest Lecture
	Mr.R.Siva Ramakrishnan, AP/CSE, KPR Institute of Technology, Coimbatore	Guest Lecture
2015-16	Prof.K.Jayanthi, AP(Sr.Gr), KPR Institute of Technology, Coimbatore	Guest Lecture

25. Seminars/Conferences/Workshops organized & the source of funding

a) National b) International

<div align="center">

SEMINARS & WORKSHOPS ORGANIZED

</div>

Academic year	Name of the Event	Resource Person	Source of funding
2013-14	Workshop on "Office Suit & Multimedia"	Mr.M.Arunkumar, AP/CSE, JSRGI	ISTE

26. Student profile programme /course wise

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
UG (B.E., Computer Science & Engineering)					
2009-13	50	37	23	14	78
2010-14	80	64	35	29	97
2011-15	65	43	24	19	81
PG (M.E., Computer Science & Engineering)					
2012-14	25	15	9	6	93

| 2013-15 | 35 | 24 | 9 | 15 | 50 |

27. Diversity of Students

Batch	% of the students from the same state	% of the students from other States	% of the students from abroad
UG (B.E., Computer Science & Engineering)			
2009-13	95	5	-
2010-14	95	5	-
2011-15	93	7	-
2012-16	98	2	-
2013-17	98	2	-
2014-18	96	4	-
PG (M.E., Computer Science & Engineering)			
2012-14	73	27	-
2013-15	100	Nil	-
2014-16	76	24	-
2015-17	94	6	-

28.   How many students have cleared national and state competitive examinations

such as NET, SLET, GATE, Civil services, Defense services, etc.,

Competitive Examinations	No of Candidates cleared
2012-13	-
2013-14	-
2014-15	-
2015-16	-

29. Student progression

Student Progression	2013 Passed Out	2014 Passed Out	2015 Passed Out
UG to PG	4	2	1
PG to M. Phil.,	-	-	-
PG to Ph.D.	-	-	-
Ph.D. to Post-Doctoral	-	-	-
Employed	24	37	17

Campus selection			
Other than campus recruitment	6	-	2
Entrepreneurship/Self-employment	2	5	6

30. Details of Infra structural facilities

a) Library

Total no of Titles	Total no of volumes	National Journals[Central Library]	International Journals[Central Library]	VCD (e books)	DVD (NPTEL and other video Lectures)
871	3381	12	7	258	1209

b) Internet facilities for Staff & Students

The Institution has two Internet Service Providers with 20Mbps bandwidth.

1. Name of Internet Service Provider   : BSNL

   Available bandwidth   : 10Mbps

2. Name of Internet Service Provider   : Airtel

   Available bandwidth   : 10Mbps

c) Class rooms with ICT facility

4 LCD projectors are used by the department faculty to provide better interactive teaching methodology.

LCD projectors are mounted in the tutorial rooms.

1 OHPs are available in the department to facilitate better visualization of diagrams & teaching to the students.

OHPs are used for derivation, problematic based subjects like DE, EC-I, DSP, EMF etc.

CCTV cameras are mounted in the class rooms.

d) Laboratories

S.No.	Name of the Laboratory	Hardware Configuration	No of Systems Available	Availability of Software
1	Data Structures Laboratory	SERVER: HP Proliant ML 350E Gen8 Intel Xeon E5 2420 RAM - 8 GB	01 63	Operating: Windows / Unix Clone Compiler: Turbo C/C++ Compiler

		HDD – 3 TB SAS 7.2K RPM		
		Keyboard & Mouse, 18.5" LCD Monitor		
		CLIENT:		
		HP pro 3090		
		RAM - 2GB DDR2		
		HDD - 320GB		
		Intel Dual Core @ 2GHz		
		18.5" TFT Monitor		
2	Database Management Systems Laboratory	SERVER: HP Proliant ML 350E Gen8 Intel Xeon E5 2420 RAM - 8 GB HDD – 3 TB SAS 7.2K RPM Keyboard & Mouse, 18.5" LCD Monitor CLIENT: HP pro 3090 RAM - 2GB DDR2 HDD - 320GB Intel Dual Core @ 2GHz 18.5" TFT Monitor	01 33	Operating System: Windows Front End : VB/ Java Back End : Oracle 9i
3	Networks Laboratory	SERVER: HP Proliant ML 350E Gen8 Intel Xeon E5 2420 RAM - 8 GB HDD – 3 TB SAS 7.2K RPM Keyboard & Mouse, 18.5" LCD Monitor CLIENT: HP DX 2480/E2180/ RAM- 2GB DDR2 HDD - 160 GB Intel Dual Core @ 2GHz, 18.5" TFT Monitor	01 33	Operating System : Windows/Linux C/C++/Java /NS2
4	Operating Systems	SERVER: HP Proliant ML 350E Gen8	01 63	Unix Clone Server

		Intel Xeon E5 2420		Operating: Unix Clone(License Free Linux)
	Laboratory	RAM - 8 GB		
		HDD – 3 TB SAS 7.2K RPM		Compiler: GCC compiler (or) C/C++/Java/Equivalent Compiler
		Keyboard & Mouse, 18.5" LCD Monitor		
		CLIENT:		
		HP DX 2480/E2180/		
		RAM- 2GB DDR2		
		HDD - 160 GB		
		Intel Dual Core @ 2GHz,		
		18.5" TFT Monitor		
5	CASE Tools Laboratory	SERVER: HP Proliant ML 350E Gen8 Intel Xeon E5 2420 RAM - 8 GB HDD – 3 TB SAS 7.2K RPM Keyboard & Mouse, 18.5" LCD Monitor CLIENT: HP pro 3090 RAM - 2GB DDR2 HDD - 320GB Intel Dual Core @ 2GHz 18.5" TFT Monitor	01 33	Operating System: Windows Rational Suite, ,Eclipse IDE
6	Internet Programming Laboratory	SERVER: HP Proliant ML 350E Gen8 Intel Xeon E5 2420 RAM - 8 GB HDD – 3 TB SAS 7.2K RPM Keyboard & Mouse, 18.5" LCD Monitor CLIENT: HP DX 2480/E2180/ RAM- 2GB DDR2 HDD - 160 GB Intel Dual Core @ 2GHz, 18.5" TFT Monitor	01 63	Operating System: Windows/Linux Software – Java, Dream Weaver, MySQL , Apache Server

		SERVER:		
7	Computer Graphics Laboratory	HP Proliant ML 350E Gen8 Intel Xeon E5 2420 RAM - 8 GB HDD – 3 TB SAS 7.2K RPM Keyboard & Mouse, 18.5" LCD Monitor CLIENT: HP pro 3090 RAM - 2GB DDR2 HDD - 320GB Intel Dual Core @ 2GHz 18.5" TFT Monitor	01 63	Operating System: Windows C,C++,Java,OpenGL
8	Mobile Application Development Laboratory	SERVER: HP Proliant ML 350E Gen8 Intel Xeon E5 2420 RAM - 8 GB HDD – 3 TB SAS 7.2K RPM Keyboard & Mouse, 18.5" LCD Monitor CLIENT: ACER Desktop Intel Dual Core/VT-H81/ RAM – 2GB HDD – 500GB 18.5" TFT Monitor	01 60	Operating System: Windows Mobile Application Development Tool: ADT Bundle
9	Security Laboratory	SERVER: HP Proliant ML 350E Gen8 Intel Xeon E5 2420 RAM - 8 GB HDD – 3 TB SAS 7.2K RPM Keyboard & Mouse, 18.5" LCD Monitor CLIENT: HP pro 3090 RAM - 2GB DDR2 HDD - 320GB	01 63	Operating System: Windows C / C++ / Java

		Intel Dual Core @ 2GHz 18.5" TFT Monitor		
10	Grid & Cloud Computing Laboratory	SERVER: HP Proliant ML 350E Gen8 Intel Xeon E5 2420 RAM - 8 GB HDD – 3 TB SAS 7.2K RPM Keyboard & Mouse, 18.5" LCD Monitor CLIENT: HP DX 2480/E2180/ RAM- 2GB DDR2 HDD - 160 GB Intel Dual Core @ 2GHz, 18.5" TFT Monitor	01 63	Operating System: Windows Globus Toolkit
11	Open Source Laboratory	SERVER: HP Proliant ML 350E Gen8 Intel Xeon E5 2420 RAM - 8 GB HDD – 3 TB SAS 7.2K RPM Keyboard & Mouse, 18.5" LCD Monitor CLIENT: HP DX 2480/E2180/ RAM- 2GB DDR2 HDD - 160 GB Intel Dual Core @ 2GHz, 18.5" TFT Monitor WEB SERVER (WAMP) freeware PCs	01 63	Operating System: Windows J2SDK (Freeware)
12	Value Added Course Laboratory	SERVER: HP Proliant ML 350E Gen8 Intel Xeon E5 2420 RAM - 8 GB HDD – 3 TB SAS 7.2K RPM	01 50	Operating System: Windows Software : Photoshop, WAMP, Dream Weaver,

		Keyboard & Mouse, 18.5" LCD Monitor CLIENT: ACER Desktop Intel Dual Core/VT-H81/ RAM – 2GB HDD – 500GB 18.5" TFT Monitor		ADT Bundle, Turbo C Compiler, Jdk 1.7, Flash
13	Communication Skills Laboratory	SERVER: HP Proliant ML 350E Gen8 Intel Xeon E5 2420 RAM - 8 GB HDD – 3 TB SAS 7.2K RPM Keyboard & Mouse, 18.5" LCD Monitor CLIENT: ZENITH Premium PC Intel Dual Core E5800 @3.2GHz RAM – 2GB HDD – 250GB 18.5" TFT Monitor	01 60	Operating System: Windows Software :Odel Digital Language Laboratory
14	Internet Laboratory	SERVER: Server : HP ML 150G6 Intel Xeon E5504 SAS HDD 250 GB RAID Keyboard & Mouse, 18.5" LCD Monitor [Web Server & Database Server(Oracle 11g)] CLIENT: HP DX 2480/E2180/ RAM- 2GB DDR2	01 40	Operating System: Windows Bandwidth: 10 Mbps

		HDD - 160 GB Intel Dual Core @ 2GHz, 18.5" TFT Monitor		
15	Computing Facility	SERVER : HP ML 150G6 Intel Xeon E5504 SAS HDD 250 GB RAID Keyboard & Mouse, 18.5" LCD Monitor [Web Server & Database Server(Oracle 11g)] SERVER: HP Proliant ML 350E Gen8 Intel Xeon E5 2420 RAM - 8 GB HDD – 3 TB SAS 7.2K RPM Keyboard & Mouse, 18.5" LCD Monitor CLIENT: HP DX 2480/E2180/ RAM- 2GB DDR2 HDD - 160 GB Intel Dual Core @ 2GHz, 18.5" TFT Monitor CLIENT: HP pro 3090 RAM - 2GB DDR2 HDD - 320GB Intel Dual Core @ 2GHz 18.5" TFT Monitor CLIENT: ACER Desktop Intel Dual Core/VT-H81/ RAM – 2GB	01 01 120 63 50 60	Operating System: Windows Server 2008

		HDD – 500GB		
		18.5" TFT Monitor		
		CLIENT: ZENITH		
		Premium PC Intel		
		Dual Core E5800		
		@3.2GHz		
		RAM – 2GB		
		HDD – 250GB		
		18.5" TFT Monitor		

31. Number of students receiving financial assistance from college, university, government or other agencies

Academic year	No of students	
	College/University/Government	Other agencies
2012-13	51	13
2013-14	82	18
2014-15	83	13
2015-16	97	10

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts

KNOWLEDGE BASED ENRICHMENT PROGRAMS		
Date	Name of the Event	Resource person
07-09-12	Guest Lecture on "Cryptography and Network Security"	Mr.P.K.Sasikumar, Assistant Professor, TamilNadu Engineering college, Coimbatore
15-09-12	National Level Workshop on "Open Source-PHP"	Mr.Asaithambi from Rooman Technologies, Chennai
31-10-12	Guest Lecture on "Cloud Computing and Super Computers"	Ms.Malini,Head HR and Ms.Ajitha, Head, Social Networking Development from Point Perfect Technologies
18-02-13	Seminar on "Recent Advances in IT"	Mr.P.Rajkumar,Robert Bosch & Mr.K.Akkash,Verigon,Coimbatore

27-02-13	Workshop on "Advanced Networking"	HCL,Chennai
29-03-13	National conference on Rapid Advances in Communication, Power and Computing Intelligence RACPIC'13	Prof.N.P.Ananthamoorthy,HOD/EEE,Hinfustan College of Engg. & Tech., Coimbatore,Dr.S.Mangai,HOD/CSE,Velalar College of Engineering,Dr.D.Chitra,HOD,PA College of Engineering,Dr.G.Lakshminarayanan,ASP/ECE,National Institute of Technology,Mr.I.Senthil Kumar,Team Leader,Oracle Corporation, Bangalore,Dr.S.N.Deepa,HOD/EEE,Anna University Regional Centre,Coimbatore,Dr.U.S.Ragupathy,HOD/EIE.Kongu Engineering College,Erode & Dr.R.Vanithamani,HOD/ECE,Sri Shanmuga College of Engineering,Erode
13-04-13	Guest Lecture on "Computer Graphics"	Prof.V.Vignesh,AP/MCA,Sri Ramakrishna Engineering College,Coimbatore
15-07-13	Guest Lecture on "Awareness on Technical Competencies in Core Companies"	Ms.A.Sathyadevi, Team Lead,Wipro
30-07-13	Guest Lecture on "Image Processing & Remote Sensing"	Prof.Y.Baby Kalpana,HOD/CSE(PG),RVS FOE,Coimbatore
31-08-13	Seminar on "Data Warehousing & Data Mining-an Industry Perspective	Mr.S.Ranjith Kumart,Senior Software Enigneer,NTT Data,Chennai
13-09-13	Workshop on "Office Suite & Multimedia"	Mr.M.Arunkumar,AP/CSE,JSRGI
20-09-13	Seminar on "Industry Projects & Internships"	Mr.Prasanna,Porus Technologies,Coimbatore
01-10-13	Guest Lecture on "Cryptography & Network Security"	Prof.P.K.Sasikumar,AP/CSE,TCE,Coimbatore
26-11-13	Guest Lecture on "Image Processing & Analysis"	Dr.C.Gowrishankar,ASP/EEE,KSRCE,Coimbatore
23-01-14	Workshop on "Cloud Computing Tools-Cloud Sim"	Dr.S.Gunasekaran HOD/CSE,CIET
06-03-14	International conference on "Global Innovations in Computing	Dr.S.N.Sivanandham,Dean,Karpagam University and Dr.S.N.Deepa ,Deputy

	Technology- 2014	Director,Affiliation,Anna University,Coimbatore
15-07-14	Seminar on "Java & its Applications & Opportunities"	Mr.Andrew,Assistant Professor/CSE,Sri Krishna High-Tech Engineering College,Coimbatore.
02-08-14	Orientation Program on "Web Design"	Mr.Arun Warman,M.D,Blue Tech,Coimbatore.
27-08-14	Two Days Workshop on "Hadoop"	Mr.Bharanidharan,Assistant Professor,Sri Ramakrishna Engineering College,Coimbatore.
23-11-14	Guest Lecture on "Image Processing & Analysis"	Dr.C.Gowrishankar,ASP/EEE,KSRCE,Coimbatore
20-12-14	C & C++ Training	Ms.Divya,DOD Academy, Coimbatore.
20-01-15	Workshop on "ASP.NET"	Mr.J.Sathis, Poras Technologies
23-01-15	Seminar on "Research Challenges & Publications"	Dr.Senthilkumaran,Director-Research, Adhithya Institute of Tehcnology,Coimbatore
06-03-15	National Conference on "Advances in Management Engineering & Technology 2015″	Dr.R.Maguteeswaran, Principal of JSRGI
07-03-15	Guest Lecture on "Design & Analysis of Algorithm"	Dr.R.Mahesh, Institute of Road & Transport Technology, Erode
13-03-15	Guest Lecture on "Principles of Compiler Design"	Mr.R.Siva Ramakrishnan, AP/CSE,KPR Institute of Technology, Coimbatore
04-08-15	Workshop on "Android –Mobile Application Development"	Mr.Prabhu, Purple Pro, Coimbatore
07-08-15	Workshop on "VB Framework"	Ms.A.Gokilavani,AP/CSE Mr.A.M.Ravishankkar,AP/CSE Mr.M.Arunkumar,AP/CSE,JSRGI
10-08-15	Java Programming	Ms.K.Divya,DOD Academy,Coimbatore
14-10-15	PHP Training	Mr.M.Arunkumar,Ap/CSE,JSRGI
07-11-15	Guest Lecture on "Image	Prof.K.Jayanthi,AP(Sr.Gr),KPR Institute of

	Processing & Analysis"	Tehcnology,Coimbatore.
	CAREER GUIDANCE BASED ENRICHMENT PROGRAMMES	
03-11-12	One day Workshop on Personality Development	Prof .Pavithra ,Janshon College of Technology,Coimbatore
26-12-11	Two Days Workshop on C++	Ms.R.Anitha,AP/CSE,JSRGI
26-12-11	Three days workshop on Java	Ms.D.Devi, AP/CSE,JSRGI
11-06-12	Personality Development Workshop	Ms.Reeta, Director, Bethesda Cultural Centre
27-07-12	Guest Lecture on "Preparation for Campus Interview"	Mr.Aravind, Assistant Manager/HR,KG Information Systems Pvt., Ltd., Coimbatore
04-09-12	Mock CAT and GATE test	Time education, Coimbatore
04-10-12	3 Days Aptitude Training	SMART Training Academy, Chennai.
16-10-12	Lecture on An Overview on IT Industries	Mr.M.K.Anandh,Turing Software, Coimbatore and Mr.Aarif, Sakthi Auto Components, Perundhurai
18-01-13	Employment opportunities in Government sector	Mr.David Abishakraj, District Employment officer, Tirupur
26-07-13	Soft Skills Empowerment	Mr.JoelJusuRoy, Softskills Trainer, RVS Group of Institutions
26-09-13	Awareness Camp on Airmanship	Mr.R.S.Trivedi,Warrant Officer,Indian Air Force,Chennai & Mr.Pradeep Jaya,CORPORAL,Indian Air Force,Chennai
19-02-14	Awareness Program on EB & Its Standards	Mr.Hariharan,Managing Director,Abirami Electricals,Coimbatore
07-03-14	Seminar on "Job Openings for Engineers"	Mr.M.Mani,Managing Director& Mr.V.Senthilkumaran, Executive Director from ROYAL TYRES Pvt Ltd,Chennai.
11-07-14	Special Lecture on "Higher Education in South Korea"	Prof.Dong Hwa Kim from Hanbat National University, South Korea
04-08-14	Aptitude Training Program	Mr.Thanikachalam,Placement Trainee, Coimbatore.

14-08-14	Seminar on Engineering Opportunities – India & Abroad	14.08.14.Mr.C.Rangachar,Managing Director from M/s Yuken India Limited, Bangalore & Mr.S.Ramamurthy,Chief Executive Officer,M/s.Fluidics,Coimbatore
26-08-14	Orientation Program for Internships	4S Technologies,Coimbatore
23-01-15	Seminar on "Research Challenges & Publication"	Dr.Senthil Kumaran,Director-Research,Adhithya Institute of Tevhnology,Coimbatore.

33. Teaching methods adopted to improve student learning

➢ Chalk and Board

➢ Power Point Presentation

➢ Audio-Visual aids (films and videos on subject related topics)

➢ Case Study Method

➢ Group Discussion Method

➢ Touch screen kiosk

➢ NPTEL videos

➢ Experimental Learning

➢ Knowledge Transfer through Industrial Visit

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

S.No	Activities	Objective	Resource Person
INSTITUTIONAL SOCIAL RESPONSIBILITY			
1	Workshop on E-Governance Software	To train Panchayat Presidents & Secretaries to excel with e-governance software	Faculty of CSE(JSRGI)
2	Seminar on "Birth & Death Rate-Statistics through On Line"	To give exposure to the Health Inspectors & Village Administrative Officers about Birth & Death – Statistics through On Line	Officials from District Collector Office, Tirupur.
3	Linking Voter ID & Aadhar Card	To make our nation towards Smart India	Students of CSE(JSRGI)
EXTENSION ACTIVITIES			
1	Counseling	To counsel the students and to give suggestions about their progress	Faculty of CSE(JSRGI)
2	Value Added Course	To compete with the existing challenges and to utilize	Faculty of CSE(JSRGI) & Faculty from

		opportunities in the IT Sector	software training organizations like ICTACT
3	Presentation and Communication skills training	To make students excel in communication skill development	Faculty of CSE(JSRGI)
4	Placement Training	To confidently face interviews in a professional manner.	Faculty from placement training organization like(,ETHNUS,SMART etc)

35. SWOC analysis of the department and Future plans

STRENGTH

➢ Improved Co-Curricular Activities.

➢ Many Training Programs are organized for the faculty to enhance their skill set in latest technologies.

➢ Signed MOU's with reputed companies for better industry institute interaction.

➢ Industry ready enrichment courses are organized for the students for better employability.

➢ Research Publications are improved.

➢ Students are encouraged to do innovative projects addressing the societal needs.

➢ Faculty retention is high.

➢ Well-equipped laboratories with high end configuration systems and licensed software.

➢ Eco friendly and pleasant working atmosphere.

➢ Department imparts computer literacy to the official of panchayat and school students.

➢ Alumni play a crucial role in motivating the students and guide them for employability in reputed industries.

➢ Collaboration with international university to inculcate student exchange programs.

WEAKNESS

➢ Less projects by Funding Agencies.

➢ Students enrolling for competitive exams such as GATE, GRE is not satisfactory.

➢ Research Centre not yet established

OPPORTUNITIES

➢ Existence of MSME center to promote entrepreneurship and innovative ideas among students.

- ➢ Opportunity to get challenging roles in IT Companies.
- ➢ Opportunities for teaching and non-teaching faculty to pursue higher education.
- ➢ Industry associated research projects to inculcate research focus among students and faculty.

CHALLENGES

- ➢ Diversity among students.
- ➢ Acute competition.
- ➢ Minimizing the curricular gap to the industry requirements.
- ➢ Getting more funded projects.
- ➢ Improving Consultancy activities.

FUTURE PLANS

- ➢ To encourage the students to focus more on industry oriented projects.
- ➢ To setup more industry associated labs.
- ➢ To collaborate with foreign universities to engage in interdisciplinary research.
- ➢ To have more industry experts in different domains as stakeholders.
- ➢ To establish Research Centre

DEPARTMENT OF ECE

1. **Name of the department** : Electronics and Communication Engineering

2. **Year of Establishment** : 2009

3. **Names of Programmes / Courses offered:**

UG – Electronics and Communication Engineering

PG – Applied Electronics

4. **Names of Interdisciplinary courses and the departments/ units involved:**

Sub Code	Interdisciplinary courses	Year/Sem	Departments Involved
MA6351	Transforms & Partial Differential Equations	II/III	Science and Humanities
EE6352	Electrical Engineering & Instrumentation	II/III	EEE
EC6301	Object Oriented Programming & Data structures	II/III	CSE
EC6312	OOPS and Data Structures Laboratory		
MA 6451	Probability and Random Processes	II/IV	Science and Humanities
EE6461	Electrical Engineering &Control System Lab	II/IV	EEE
GE6674	Communication and soft skills Laboratory	III/IV	Science and Humanities

5. **Annual/ semester/choice based credit system (programme wise)**

UG: Electronics and Communication Engineering – Semester based Credit system

PG: Applied Electronics – Semester based Credit system

6. **Participation of the department in the courses offered by other departments**

Sub Code	Name of the Course	Year/ Sem	Name of the Department
GE6162	Engineering practice laboratory	I/I	EEE,CIVIL,MECH,CSE
CS6304	Analog and Digital Communication	II/III	CSE
CS6201	Digital Principles and System Design	I/II	
CS6211	Digital Laboratory	I/II	
CS6412	Microprocessor & Microcontroller Laboratory	II/IV	
IT6502	Digital Signal Processing	III/VI	
EC6202	Electronic Devices and Circuits	II/III	EEE

EC6361	Electronics Laboratory	II/III	
EE6403	Discrete time systems and signal Processing	II/IV	EEE
EE6602	Embedded Systems	III/VI	

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

Name of the Course	Participating Institution / Industry	Beneficiary
OrCAD PSPICE	FTD Automation Private Ltd #7, 2nd Floor, 100 feet road, 17th Main, 5th block, Koramangala, Bangalore - 560095	II year students
MATLAB	M/S. CoreEL Technologies Pvt limited 21, 7th main, I block, Koramangala Bangalore – 560034	III year students
XILINX Sportan 3E		
Embedded System	VI Microsystems Pvt Limited Plot no. 75, Electronics Estate Perungudi, Chennai - 600096	III & IV year students
Networking LAN Trainer software	Megatronics 65(62), R.K Mills 'B' Colony Peelamedu pudhur Coimbatore - 641004	III year students

8. Details of courses/programmes discontinued (if any) with reasons: Nil

9. Number of teaching posts

	Sanctioned	Filled
Professors	1	-
Associate Professors	2	2
Asst. Professors	25	25

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Ms.J.Nandhini	M.E., (Ph.D.)	Asso. Prof.	(Ph.D.) – Wireless Networks M.E – Embedded System Technologies B.E - ECE	9.6	-
Ms.G.Kalaiarasi	M.E.	Asst. Prof	M.E – VLSI Design B.E - ECE	4.5	-
Ms.A.S.Narmadha	M.E.	Asst. Prof	M.E – Wireless Communication B.E - ECE	4.5	-
Mr.S.Meivel	M.E.	Asst. Prof	M.E – Embedded System Technologies B.E - ECE	6	-
Ms.S.Menaga	M.E.	Asst. Prof	M.E – Wireless Communication B.E - ECE	3.9	-
Mr.K.Mohanaprakash	M.E.	Asst. Prof	M.E – Applied Electronics B.E - ECE	6	-
Mr.S.Gokulnath	M.E.	Asst. Prof	M.E – Applied Electronics B.E - ECE	2.7	-
Mr.T.Manikandan	M.E.	Asst. Prof	M.E – Applied Electronics B.E - ECE	3.5	-
Ms.J.Paruvadhavardhini	M.E.	Asst. Prof	M.E – Wireless Communication B.E - ECE	2.8	-
Mr.N.Dhanaraj	M.E.	Asst. Prof	M.E – Applied Electronics B.E - ECE	2.5	-
Ms.R.Sharmila Gowri	M.E.	Asst. Prof	M.E – Embedded System B.E - ECE	2.5	-
Ms.M.Subhanal Nuzrath	M.E.	Asst. Prof	M.E – VLSI Design B.E - ECE	2.5	-
Mr.R.Senthil Kumar	M.E.	Asst. Prof	M.E – VLSI Design B.E - ECE	2.5	-

Mr.K.Dinakaran	M.E.	Asst. Prof	M.E – Communication Systems B.E - ECE	2.5	-
Mr.T.Mani	M.E.	Asst. Prof	M.E – VLSI Design B.E - ECE	2.5	-
Ms.M.Divya	M.E.	Asst. Prof	M.E – Applied Electronics B.E - ECE	2.5	-
Ms.B.Saritha	M.E.	Asst. Prof	M.E – Applied Electronics B.E - BME	2.5	-
Ms.N.Sangeethapriya	M.E.	Asst. Prof	(Ph.D.) – Sensor Networks M.E – Applied Electronics B.E - ECE	4.11	-
Ms.S.Haranya	M.E.	Asst. Prof	M.E – Applied Electronics B.E - ECE	1.5	-
Ms.C.Vasanthapriya	M.E.	Asst. Prof	M.E – Applied Electronics B.E - ECE	1.5 1.5	-
Ms.K.Vasantha Gokilam	M.E.	Asst. Prof	M.E – Applied Electronics B.E - ECE	1.5	-
Mr.V.Logeshwaran	M.E.	Asst. Prof	M.E – VLSI Design B.E - ECE	1.5	-
Ms.A.Sathyapriya	M.E.	Asst. Prof	M.E – Applied Electronics B.E - ECE	1.5	-
Ms.B.Vijayapriya	M.E.	Asst. Prof	M.E – Embedded Systems B.E - ECE	0.8	-
Ms.S.Sindhu	M.E.	Asst. Prof	M.E – Applied Electronics B.E - ECE	3.4	-
Ms.P.D.Radhika	M.E., (Ph.D.)	Asst. Prof	(Ph.D.) – Wireless Networks M.E – Communication Systems B.E - ECE	7.6	-
Ms.K.Mahalakshmi	M.E., (Ph.D.)	Asst. Prof	(Ph.D.) – Wireless Networks M.E – Embedded System Technologies B.E - ECE	7.1	-

11.   List of senior visiting faculty: Nil

12.   Percentage of lectures delivered and practical classes handled by temporary faculty: Nil

13. Student -Teacher Ratio

Name of the Programme	Student Teacher Ratio
UG	15:1
PG	12:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Category	Sanctioned	Filled
Academic Support Staff (Technical)	4	2
Administrative Staff	-	-

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Teaching Faculty	
Qualification	Number
Ph.D.	Nil
M.E	27
B.E	Nil

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil

18. Research Centre /facility recognized by the University

➢ OrCAD PSpice in association with FTD Automation Pvt. Ltd.

➢ Signal and Image Processing Lab in association with Corel Technologies.

➢ Embedded design Lab in association with Vi Microsystems.

19. Publications

(a) Number of papers published in peer reviewed journals (national / international) by faculty and students

<p style="text-align:center"><strong style="color:red">PUBLICATION PER FACULTY</p>

S.N O	NAME OF THE FACULTY	CONFERENCE		JOURNAL		BOOK/ MONOGR AGH/ CHAPTER
		National	International	National	International	
1	Ms.J.Nandhini	9	6	-	7	-

2	Ms.G.Kalaiarasi	3	5	-	3	-
3	Ms.A.S.Narmadha	-	-	-	-	-
4	Mr.S.Meivel	8	4	-	5	-
5	Ms.S.Menaga	6	3	-	-	-
6	Mr.K.Mohanaprakash	3	3	-	1	-
7	Mr.S.Gokulnath	2	1	-	-	-
8	Mr.T.Manikandan	5	3	-	7	-
9	Ms.J.Paruvadhavardhini	3	2	-	-	-
10	Mr.N.Dhanaraj	2	1	2	-	-
11	Ms.R.Sharmila Gowri	6	4	--	2	-
12	Ms.M.Subhanal Nuzrath	4	1	2	-	-
13	Mr.R.Senthil Kumar	3	5	-	2	-
14	Mr.K.Dinakaran	2	1	-	-	-
15	Mr.T.Mani	6	3	-	3	-
16	Ms.M.Divya	2	1	-	3	-
17	Ms.B.Saritha	2	-	-	2	-
18	Ms.N.Sangeethapriya	4	1	2	1	-
19	Ms.C.Vasanthapriya	-	1	-	1	-
20	Mr.V.Logeshwaran	1	1	-	-	-
21	Ms.A.Sathyapriya	-	1	-	1	-
22	Ms.B.Vijayapriya	3	1	-	4	-
23	Ms.P.D.Radhika	7	2	-	3	-
24	Ms.K.Mahalakshmi	4	4		6	-

PUBLICATION BY STUDENT

S. No.	Academic Year	CONFERENCE		JOURNAL	
		National	International	National	International
1	2012-13	16	3	-	-
2	2013-14	3	4	-	8

3	2014-15	27	24	-	10

(b)   No. of Papers published in peer viewed journals

S. No.	Name of the Faculty	Title of paper published	Name of the Journal/ Volume/ Page number/ Year / DOI or ISSN	Impact factor
1	Ms.J.Nandhini	Power aware Progressive Energy Routing for MANET	International Journal of Computer Applications Vol. 80(6), October 2013	1
		Security Based Weighed Cluster Routing in MANET	Journal of Theoretical and Applied Information Technology Vol. 64, Issue 01, June 2014	-
		Improved Energy based Stable Cluster Routing in Mobile Adhoc Network	International Journal of Applied Engineering Research Vol. 10, No 2, February 2015	0.13
		Background Subtraction with Mixture of Gaussian: The Kalman filter based Mixture Models	Techscripts: Transactions on Engineering and Sciences – Special Issue on International Conference on Synergetic Evolution in Engineering Special Issue, May 2015	0.462
2	Mr.S.Meivel	High efficiency Hybrid intelligent street lighting using a Zigbee Network and sensors	I-Managers Journal on Embedded Systems Vol.2 No.3 August 2013	0.502
3	Mr.T.Manikandan	Lung function assessment for Asthma treatment by interfacing of sensors with Android application	I-Managers Journal on Computer Science Vol.1 No.4 December 2013	0.502
4	Mr.T.Mani	Design of Low power and high speed RCA using boosting C-MOS Differential logic style	International Journal of Innovative research and development Vol. 2, Issue 3, March 2013	0.567
5	Ms.K.Mahalakshmi	Improved Credit-Based Geographic Routing Protocol against Black hole Attack in MANET	Advances in Natural & Applied Sciences, 8(9), special 2014, pages 50-57	2.698
		Intrusion Detection System For Mobile Adhoc Networks With Packet Leach	International Journal of Applied Engineering Research Vol. 10 No.21	0.13

		Mechanism	(2015).	

20. Areas of consultancy and income generated   : Nil

21. Faculty as members in

National committees b) International Committees c) Editorial Boards : Nil

22.   Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

<div align="center">UG</div>

Academic Year	In house projects (%)	Outside the Institution (%)	
		Industry	**Other Agencies**
2012-13	100%	-	-
2013-14	100%	-	-
2014-15	93%	7%	-

<div align="center">PG</div>

Academic Year	In house projects (%)	Outside the Institution (%)	
		Research Laboratories/Industry	**Other Agencies**
2013-14	100%	-	-
2014-15	100%	-	-

23. Awards / Recognitions received by faculty and students

Name of the Student	Awards
K.S.Balasuganya, K.Dhivithra, D.Gowri	Best paper Award in National Conference (2013-14)
D.Rajalakshmi T.Nithya, M.Shanmugajeyaruba	Best paper Award in National Conference (2014-15)
P.Nithya N.Nithyapri ya	Best paper Award in National Conference (2014-15)

Certificate of appreciation for producing best academic results

Academic year	No of Faculty
2012-13	1
2013-14	8
2014-15	3

Academic achievements by students

Name of the student	Batch	University Rank	Recognition by Institution
R.S.Anju	2010-14 (UG)	8th Rank	Medal and Certificate
P.Rubashree		23rd Rank	
K.S.Balasuganya		48th Rank	
A.Kalpana	2012-14 (PG)	40th Rank	
S.Dhanabal	2013-15 (PG)	27th Rank	
R.Dhanabal		35th Rank	
J.Ragimol		50th Rank	

Awards in Co-curricular & Extracurricular Activities

S.No.	Name of the student	Organization	Event	Award
1	R. Sivakumar	JSRGI	Vegetable Carving	III
2	A. Monoranjitham	JSRGI	Academic Excellence	II
3	V. Hema	JSRGI	Quotes	III
4	V. Hema	JSRGI	Verbs Writing	II
5	V. Hema	JSRGI	Question Twister	I
6	V. Hema	JSRGI	Rangoli	III
7	M. Sridevi	JSRGI	Paper Presentation	III
8	M. Ponnusamy	JSRGI	Google Finder	III
9	R.Naveen Kumar	JSRGI	Project Presentation	I
10	K.Dhivithra	JSRGI	Circuit Debugging	II

11	R.Naveen Kumar	JSRGI	Craft Making	I
12	R.Naveen Kumar	JSRGI	Vegetable Carving	I
13	V.Hema	JSRGI	Extempore (Tamil)	II
14	K.Dhivithra	JSRGI	Rangoli	III
15	R.S.Anju	JSRGI	Examination Rank	I
16	K. Dhivithra	Knowledge Institute of Technology	Paper Presentation	II
17	M. Sridevi	Hindusthan Institute of Technology	Paper Presentation	II
18	M. Sridevi	Ssm College of Engineering	Paper Presentation	II
19	S.Dharani	JSRGI	Examination Rank	II
20	M.Kanagapriya	JSRGI	Circuit Debugging	II
21	M. Kanagapriya	JSRGI	Rangoli	III
22	S.Muthu Bairavi	JSRGI	Qustion Tnister	II
23	S.Muthu Bairavi	JSRGI	Rangoli	III
24	S.Muthu Bairavi	JSRGI	Group Song	II
25	V.Hema	JSRGI	Group Song	II
26	V.Hema	JSRGI	Circuit Debugging	II
27	P. Narmadha	J.K.K.Munirajah College of Technology	Circuit Debugging	II
28	M. Sridevi	J.K.K.Munirajah College of Technology	Paper Presentation	II
29	D. Sankar	SNS College of Technology	Blind Fold Text	III
30	D. Sankar	SNS College of Technology	Quest O'fest	I
31	D. Sankar	SNS College of Technology	Face Booking	II
32	M. Sridevi	Karpagam College of Engineering	Paper Presentation	I

33	K.Sinduja	K.S.Rangasamy College of Technology	Paper Presentation	III
34	A.Suganya	K.S.Rangasamy College of Technology	Paper Presentation	III
35	M. Ponnusamy	Indian Institute of Technology, Delhi	Zonal Round Of Robo Tryst	I
36	K.S.Sasikumar	P.A College of Engineering And Technology	Project Presentation	III
37	M.Karachi Kumar	P.A College of Engineering And Technology	Project Presentation	III
38	K.Sathish	P.A College of Engineering And Technology	Project Presentation	III
39	M. Pradeepa	Arul Murugan College of Engineering	Technical Quiz	I
40	N. Renuga	Arul Murugan College of Engineering	Technical Quiz	I
41	M. Sughantha	Tejaa Shakthi Institute of Technology	Paper Presentation	II
42	R. Sandhiya	Tejaa Shakthi Institute of Technology	Circuit Debugging	II
43	R. Sandhiya	Tejaa Shakthi Institute of Technology	Paper Presentation	II
44	N. Nithya Priya	Tejaa Shakthi Institute of Technology	Paper Presentation	I
45	R. Priyadharshini	Tejaa Shakthi Institute of Technology	Spot Events	II
46	E. Gayathri	Tejaa Shakthi Institute of Technology	Quiz	I
47	R. Uma Devi	Angel College Of Engineering And Technology	Paper Presentation	II
48	L. Saranya Devi	Angel College Of Engineering And Technology	Paper Presentation	II
49	K.Sinduja	J.K.K.Nattraja College	Paper Presentation	III

		of Engineering And Technology		
50	A.Suganya	J.K.K.N.College of Engineering	Paper Presentation	III
51	K.Sinduja	J.K.K.N.College of Engineering	Paper Presentation	III
52	M.Sughantha	K.S.Rangasamy College of Technology	Paper Presentation	III
53	A.Suganya	K.S.Rangasamy College of Technology	Project Presentation	III
54	K.Sinduja	K.S.Rangasamy College of Technology	Project Presentation	III
55	M.Sughantha	K.S.Rangasamy College of Technology	Project Presentation	III

24. List of eminent academicians and scientists / visitors to the department

Academic year	List of eminent academicians and scientists	Name of the Event
2012-13	Dr.A.R.KARTHIKEYAN Senior specialist in Wireless Tata Elxsi, Chennai	Workshop - Recent Trends in Wireless Networks
	Mr.SUNDARAMOORTHY MD – Sunshiv Electronics, Coimbatore	Workshop – PCB Design and Layout
	Mr.S.BHARATHI Senior Developer Sathiyam Mahendra Bangalore	Lecture – Wireless Networks and its Applications
	Mr.C.DINESH KUMAR Avion Aerospace Chennai	Workshop – Unmanned air Vehicle system
	Mr.SWAPNIL KULKARNI Senior Design Engineer Electromagnetic & Microwave Division Ni2 Designs, Pune	Workshop – Antenna design and its application using FEKO
	Dr.S.N.DEEPA Prof & HOD / EEE Anna University Regional Center Coimbatore	National Conference – Recent advances in Communication Power and Computing Intelligence
	Mr.I.SENTHILKUMAR	

		Team Lead Oracle corporation Bangalore	
2013-14		Mr.S.LOKESWARAN Senior software engineer Embegins Technologies Namakkal	Workshop – Embedded Systems Design in VLSI Technology
		Mr.P.SATHEESHKUMAR Senior Embedded Engineer Visteon, Chennai	Seminar – Real time Embedded systems
		Mr.K.PETER Consultant – Microsoft Bangalore	National conference – Innovative Research on VLSI Design, Embedded systems and Networks
2014-15		Mr.D.ARAVIND Assistant Manager – HR KGISL, Coimbatore	Seminar – Placement opportunities
		Mr.DON DEODUS Mr.MIRGESH PANDE Senior research Engineer IIT, Delhi	Workshop – Robotics
		Dr.P.S.PERIYASAMY Prof & HOD/ ECE KSR College of Engineering Tiruchengode	National Conference – Innovative Research on VLSI Design, Embedded systems and Networks

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National b) International

<div align="center">

SEMINARS ORGANIZED

</div>

Academic year	Name of the Event	Resource Person	Source of funding	National / International
2012 - 13	Signal & Image Processing	Mr.C.GOWRISHANKAR AP / EEE KSR Engineering college Tiruchengode	Trust	National
	Wireless Networks and its applications	Mr.S.BHARATHI Senior Developer Sathiyam Mahendra Bangalore	Department Association	National
2013 – 14	Optical Sources & Detectors	Prof.L.BHARATHI ASP/ECE Excel College of Technology Salem	Department Association	National

	Asynchronous sequential Circuit Design	Ms.N.KIRUTHIKA AP / ECE Sri Ramakrishna Engineering College, Coimbatore.	Trust	National
	Electromagnetic Fields	Prof.M.SENTHIL KUMAR HOD(I/C) Anna University College of Engineering, Dindugal	Department Association	National
2014-15	Basics of VLSI	Mr.S.MANOJ Senior Project Engineer Pantech ProEd Private Limited Coimbatore	Department Association	National
	Signals & Systems	Dr.C.POONGODI Dr.D.DEEPA ASSO PROF / IT Bannari Amman Institute of Technology, Sathyamangalam	Department Association	National
2014-15	Application of Signal Processing IN VLSI	Mrs.M.NISHA ANGELINE AP(Sr.Gr)/ECE Velalar College of Engineering & Technology, Thindal	Department Association	National
	Electromagnetic Fields	Prof.R.VEERAMANI AP / ECE KSR Engineering college Tiruchengode	Department Association	National

WORKSHOPS ORGANIZED

Academic year	Name of the Event	Resource Person	Source of funding
2012-13	PCB Design & Layout	Mr.SUNDARAMOORTHY MD – Sunshiv Eelctronics Coimbatore	Department Association
	Unmanned Air Vehicle System	Dr.VASANTHARAJ Veltech University Chennai Mr.C.DINESHKUMAR Avion Aerospace Chennai	Department Association
	Arduino Controller	Mr.S.MEIVEL AP / ECE JSRGI, Tirupur	Department Association

	Antenna Design and its applications using FEKO	Mr.SWAPNIL KULKARNI Senior Design Engineer Electromagnetic & Microwave Division Ni2 Designs, Pune	Department Association
2013–14	Network Fundamentals and IP Subnetting	Mr.R.KARTHIK Mr.K.P.SAI PRADEEP AP / ECE Dr.NGP Institute of Technology Coimbatore	Department Association
	Embedded System Design in VLSI Technology	Mr.SAM DAVID JERO AP / ECE RVS College of Engineering & Technology Coimbatore Mr.S.LOGESWARAN Senior Software Engineer Embegins Technology Namakkal	Department Association
	Robotics	Mr.DON DEODUS Mr.MIRGESH PANDE Senior research Engineer IIT, Delhi	Department Association
	Signal & Image Processing using MATLAB	Mr.RIO JACKSON TOM CTO – Attral Academy, Coimbatore	Department Association
	PCB Design	Mr.E.MURUGAN R & D Engineer Arche Biologics Mr.P.GOPAL Embedded Engineer STEPS Knowledge Services	Department Association

CONFERENCES ORGANIZED

Academic year	Name of the Event	Resource Person	Source of funding
2012-13	Recent Advances In Communication Power & Computing Intelligence	Prof.N.P.ANANDHAMOORTHY AP/EEE Hindusthan College of Engineering & Technology Coimbatore Dr.S.MANGAI Prof& HOD/BME Velalar College of Engineering & Technology, Thindal Dr.D.CHITRA	JSRGI

		Prof& HOD/CSE PA College of Engineering & Technology Pollachi Mr.I.SENTHIL KUMAR Team Lead Oracle Corporation Bangalore Dr.U.S.RAGUPATHY Prof& HOD/EIE Kongu Engineering College Perundurai Dr.R.VANITHAMANI Prof& HOD/EEE Sri Shanmuga College of Engineering & Technology Salem Prof.S.N.DEEPA Prof& HOD/EEE Anna University Regional Center Coimbatore	
2013-14	Innovative Research on VLSI Design, Embedded Systems & Networks	Mr.K.PETER Consultant Microsoft Bangalore Mrs.G.VETRICHELVI AP/ECE Park College of Engineering & Technology Coimbatore	JSRGI
2014-15	Innovative Research on VLSI Design, Embedded Systems & Networks	Dr.P.S.PERIYASAMY Prof & HOD/ ECE KSR College of Engineering Tiruchengode	JSRGI

26. Student profile programme/course wise

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
BE(ECE)					
2009 – 13	82	66	36	30	76%
2010 – 14	95	81	52	29	82%
2011 – 15	123	95	41	54	80%
ME(AE)					

2012 -14	25	17	7	10	64%
2013-15	27	18	8	10	82%

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
BE(ECE) 2009 – 13	60	6	-
BE(ECE) 2010 – 14	78	3	-
BE(ECE) 2011 – 15	95	-	-
ME(AE) 2012 -14	17	-	-
ME(AE) 2013-15	16	2	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Exam	2012-13		2013-14		2014-15	
	Appeared	Qualified	Appeared	Qualified	Appeared	Qualified
GATE	10	-	4	-	9	-
GRE	-	-	-	-	1	1
TOFEL	01	01	-	-	-	-
TNPSC	-	-	1	-	1	-

29. Student progression

Student progression	Against % enrolled		
	2013 Pass out	2014 Pass out	2015 Pass out
UG to PG	5	8	1
PG to M.Phil.	-	-	-
PG to Ph.D.	-	-	-
Ph.D. to Post-Doctoral	-	-	-
Employed • Campus selection • Other than campus recruitment	56 4	54 5	55 11
Entrepreneurship/Self-employment	-	-	-

30.   Details of Infrastructural facilities

a)   Library

Total no of Titles	Total no of volumes	National Journals [Central Library]	International Journals [Central Library]	VCD (e books)	DVD (NPTEL and other video Lectures)
663	2760	12	7	214	229

b)   Internet facilities for Staff & Students

The Institution has two Internet Service Providers with   Mbps bandwidth.

1. Name of Internet Service Provider   : BSNL

Available bandwidth   : 10Mbps

2. Name of Internet Service Provider   : AIRTEL

Available bandwidth   : 10 Mbps

c)   Class rooms with ICT facility

4 LCD projectors are used by the department faculty to provide better interactive teaching methodology.

LCD projectors are mounted in the tutorial rooms.

d)   Laboratories

Laboratory Description in the curriculum	Major Equipment
Engineering Practices Laboratory	CROs, Function Generators
Digital & Linear Integrated Circuits Laboratory	CROs, Function Generators, Digital IC Trainer Kit, Dual Power Supply
Circuits & Devices Lab Analog Lab Electronic circuits Laboratory	CROs, Function Generators, LCR Q Meter, Power Supplies
Communication System Laboratory	DSOs, CROs, Signal Generators Analog Modulation & Demodulation Kit Digital Modulation & Demodulation Kit Line coding & decoding kit DM/ADM/DSM Modulation & Demodulation kit TDM Signal Trainer kit

	Signal Sampling & Reconstruction Trainer kit
	Carrier Demodulation & Data Reforming kit
	Data formatting and carrier modulation kit
Microprocessor & Microcontroller Laboratory	Microprocessor kit-8085,8086
	Traffic light controller
	Microcontroller-8051
	AC motor speed control
	Keyboard and display interface(8279)
	DC motor speed measurement and control module
	ADC/DAC Interfacing card
	C cross compiler for 89C51
Digital Signal Processing Laboratory	Desktop computer
	TMS 320 DSP Trainer kit
VLSI Design Laboratory	Desktop computer
	XILINX SPARTON 3E FPGA Trainer kit
Networks Laboratory	Desktop computer
	Networking LAN Trainer kit with software with wireless LAN card
Optical & Microwave Laboratory	Micro wave test bench(X-Band)
	Reflex Klystron Power supply
	Gunn powder supply setup
	Radiation pattern turn table setup
	Multihole directional coupler setup
	Micro wave test bench(T-Band)
	Spectrum Analyser, Digital storage oscilloscope
	fiber optic communication setup
	Optical meter
	Pin diode(IF-D91)
	Micro wave power meter
Embedded Systems Laboratory	PIC based Microcontroller trainer kit
	Intelligent Universal Programmer
	System design using MSP 430
	ARM 7 Microcontroller RTOS
	Wireless modules for embedded design

31. Number of students receiving financial assistance from college, university, government or other agencies

Academic year	No of students	
	College/University/Government	Other agencies
2014-15	266	-
2013-14	241	-
2012-13	169	-

32. Details on student enrichment programmes (special lectures/work shops /seminar) with external experts

KNOWLEDGE BASED ENRICHMENT PROGRAMS		
Date	Name of the Event	Resource person
13.8.12	Signal & Image Processing	Mr.C.GOWRISHANKAR, AP/EEE, KSR Engineering College,Tiruchengode.
16.2.13	Implementation of Image Processing Algorithm using MATLAB	Mr.T.BALAKUMARAN AP / ECE Coimbatore Institute of Technology Coimbatore
30.9.13	Finite Word Length Effects	Mr.S.SHANMUGARAJU AP/ECE Dr.N.G.P Institute of Technology Coimbatore
21.2.14	Wire Antennas & Antenna Arrays	Ms.E.THANGASELVI ASSO PROF / ECE PSNA College of Technology Dindugal
2.8.14	Digital Signal Processing	Dr.T.BALAKUMARAN AP / ECE Coimbatore Institute of Technology, Coimbatore
03.03.15	Antenna & Wave Propagation	Mr.S.MAHENDRAKUMAR AP(Sr.Gr)/ECE Velalar College of Engineering & Technology, Thindal
CAREER GUIDANCE BASED ENRICHMENT PROGRAMMES		
22.9.12	Recent Trends in Wireless Networks	Mrs.K.K.SAVITHA ASP / MCA KSR Engineering College, Tiruchengode

		Ms.P.ANJALI SAT INFOTECH Coimbatore
		Dr.A.R.KARTHIKEYAN Senior Specialist in Wireless Tata Elexi, Chennai
24.1.13	Microcontrollers	Mr.N.SHANMUGASUNDARAM HOD / ECE Vidhya Vikas Engineering College Tiruchengode
15.12.13	Feature Extraction & Image Fusion Techniques	Mr.R.ANANTH AP / ECE Sri Krishna College of Engineering & Technology Coimbatore
15.3.14	Real time Embedded Systems	Mr.P.SATHEESH KUMAR Senior Embedded Engineer Visteon, Chennai
31.7.14 & 1.8.14	Network Simulator 2	Ms.R.SHANMUGAPRIYA Senior Programmer CRISP Systems Coimbatore
13.2.15 & 14.02.15	Embedded System Design using ARDUINO	Mr.V.ANANTHANARAYANAN Technical Consultant JRM Technology Mr.N.SETHURAMAN PCB Design Engineer & Head JRM Technology

33. Teaching methods adopted to improve student learning

➢ Chalk and Board

➢ Power Point Presentation

➢ Audio-Visual aids (films and videos on subject related topics)

➢ Case Study Method

➢ Group Discussion Method

➢ Touch screen kiosk

➢ NPTEL videos

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

➢ Value added course

➢ Communication skills

➢ Placement training

35. SWOC analysis of the department and Future plans

STRENGTH

- High Qualified & Dedicated Faculties with Various Domains
- Well Equipped Laboratory
- Carrier Guidance based Programs Organized through Value added Course

WEAKNESS

- Have to Develop the Institution Industry collaboration
- Provide the training for competitive examination
- Students have to improve the Participation of Co-curricular Activities

OPPORTUNITIES

- Develop the Research lab Along with Industry to Enrich Faculty & students
- Opportunities to provide Higher Education

CHALLENGES

- Enhance the Students for better Placement
- Emphasize the Industrial Expectations to the Students

FUTURE PLANS

- To expertise in different domains more consultancy work and research projects are going to be held
- Plan to develop industrial relationship with institution to place the student in multinational companies.

DEPARTMENT OF EEE

1. **Name of the department** : Electrical and Electronics Engineering

2. **Year of Establishment** : 2009

3. **Names of Programmes/Courses offered:**

   UG – Electrical and Electronics Engineering

   PG – Power Electronics and Drives

4. **Names of Interdisciplinary courses and the departments/units involved**

Sub Code	Inter disciplinary courses	Year/Sem	Departments Involved
MA6351	Transforms & Partial Differential Equations	II/III	Science and Humanities
EC6202	Electronic Devices and Circuits	II/III	ECE
EC6361	Electronics Laboratory	II/III	ECE
MA6459	Numerical Methods	II/IV	Science and Humanities
CS6456	Object Oriented Programming	II/IV	CSE
CS6461	Object Oriented Programming Laboratory	II/IV	CSE
ME6701	Power Plant Engineering	III/V	MECH
GE6563	Communication Skills Laboratory Based	III/V	Science and Humanities
EC6651	Communication Engineering	III/VI	ECE
MG6851	Principles of Management	IV/VII	MBA

5. **Annual/semester/choice based credit system (programme wise)**

   UG: Electrical and Electronics Engineering – Semester based Credit system

   PG: Power Electronics and Drives– Semester based Credit system

6. **Participation of the department in the courses offered by other departments**

Sub Code	Name of the course	Year/Sem	Name of the Department
GE6162	Engineering practice laboratory	I/I	ECE,CIVIL,MECH,CSE
GE6252	Basic Electrical and Electronics Engineering	I/II	MECH,CIVIL
EE6201	Circuit Theory	I/II	ECE

EE6352	Electrical Engineering and Instrumentation	II/III	ECE
EE6351	Electrical Drives and Controls	II/III	MECH
EE6365	Electrical Engineering Laboratory	II/III	MECH
EE6461	Electrical Engineering and Control System Laboratory	II/IV	ECE

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

Name of the Course	Participating Institution / Industry	Beneficiary
MathCAD	Penta CAD, #60, 1st Floor, 10th Avenue, Ashok Nagar, Chennai-600083	IV year students
MATLAB	M/S. CoreEL Technologies Pvt limited 21, 7th main, I block, Koramangala Bangalore – 560034	II & III year students
Mi Power	Power Research and Development Consultants Pvt Ltd, #5, 11th Cross, 2nd Stage, West of Chord Road, Bangalore-560086	IV Year Students

8. Details of courses/programmes discontinued (if any) with reasons: Nil

9. Number of teaching posts

	Sanctioned	Filled
Professors	1	-
Associate Professors	2	-
Asst.Professors	9	9

10. **Faculty profile with name, qualification, designation, specialization,(D.Sc./ D.Litt. / Ph.D. / M.Phil etc.,)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D Students Guided for the Last 4 years
Mrs.N.Lakshmipri ya	M.E.(Ph.D.)	Asst.Prof	Applied Electronics	4Y 6M	-
Mr.S.Ayyappan	M.E.	Asst.Prof	PED	5Y 2M	-

Mrs.P.Hema	M.E.	Asst.Prof	VLSI Design	4Y 4M	-
Mr.V.Maheskumar	M.E.	Asst.Prof	PED	3 Y	-
Mr.N.Sadeesh	M.E.	Asst.Prof	CIE	3Y 4M	-
Mr.T.Vignesh	M.E.	Asst.Prof	PED	2Y 6M	-
Mr.E.Prasannakumar	M.E.	Asst.Prof	PED	2Y 6M	-
Mr.E.Babu	M.E.	Asst.Prof	PSE	2Y 6M	-
Ms.K.Dhivya	M.E.	Asst.Prof	PSE	6M	-

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled by temporary faculty: Nil

13. Student-Teacher Ratio

Name of the Programme	Student Teacher Ratio
UG	15:1
PG	12:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Category	Sanctioned	Filled
Academic Support Staff (Technical)	3	3
Administrative Staff	-	-

15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG.

Teaching Faculty	
Qualification	Number
Ph.D.	-
M.E	9
B.E	-

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc And total grants received: NIL

18. Research Centre/facility recognized by the University

➢ MathCAD in Association with Penta CAD, Chennai.

➢ MATLAB in Association with Corel Technologies Pvt., Ltd, Bangalore.

➢ Mi Power in Association with Power Research and Development Consultants Pvt. Ltd, Bangalore

19. Publications

(a) Number of papers published in peer reviewed journals (national / international) by faculty and students

<p align="center">PUBLICATION PER FACULTY</p>

S. No.	NAME OF THE FACULTY	CONFERENCE		JOURNAL		BOOK/ MONOGRAGH /CHAPTER
		National	International	National	International	
1	Mrs.N.Lakshmipriya	5	2	-	5	-
2	Mr.S.Ayyappan	6	1	-	3	-
3	Mrs.P.Hema	-	1	-	1	-
4	Mr.V.Maheskumar	4	3	-	2	-
5	Mr.N.Sadeesh	2	2	-	2	-
6	Mr.T.Vignesh	4	2	-	11	-
7	Mr.E.Prasannakumar	-	2	-	2	-
8	Mr.S.Manivel	-	2	-	2	-
9	Mr.E.Babu	-	2	-	2	-
10	Ms.K.Dhivya	2	2	-	1	-

<p align="center">PUBLICATION BY STUDENT</p>

S. No.	Academic Year	Conference		Journal	
		National	International	National	International
1	2012-13	-	-	-	-
2	2013-14	2	2	-	-
3	2014-15	27	36	-	10

(b) No. of Papers published in peer viewed journals

S.No.	Name of the Faculty	Title of paper published	Name of the Journal/ Volume/ Page number/ Year / DOI or ISSN	Impact factor
1	Ms.N.Lakshmipriya	A Boost Converter For High Voltage Applications Using Three State Switching Cell	International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.5 (2015) pp. 4318-4324	-
2	Ms.T.Vignesh	Automation Based Power Grid Control Station Using PLC and SCADA	International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.10 (2015) pp. 9802-9808	-
3	Ms.T.Vignesh	Sensorless Predictive Current Control of DC Motor	International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.5 (2015) pp. 4308-4311	-
4	Ms.T.Vignesh	Implementation of Space Vector PWM technique with Genetic Algorithm to optimize Power Quality Conditioner	American Journal of Applied Sciences ISSN 1546-9239 (2014)pp 152-159	-

20. Areas of consultancy and income generated: NIL

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards : NIL

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental /programme

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

UG

Academic Year	In house projects (%)	Outside the Institution (%)	
		Industry	Other Agencies
2012-13	81%	19%	-
2013-14	95%	5%	-

| 2014-15 | 95% | 5% | - |

<p style="text-align:center">PG</p>

Academic Year	In house projects (%)	Outside the Institution (%)	
		Research Laboratories/Industry	Other Agencies
2014-15	100%	Nil	Nil

23. Awards/Recognitions received by faculty and students

Name of the Faculty	Awards
Nil	

Certificate of appreciation for producing best academic results

Academic year	No of Faculty
2012-13	1
2013-14	8
2014-15	7

Academic achievements by students

Name of the student	Batch	University Rank	Reorganization by Institution
G.Nagamuralidharan	2010-14	47	Anna University

Awards in Co-curricular & Extracurricular Activities

S.No.	Name of the student	Organization	Event	Award
2012-13				
1	N.Muthu Selvam	JSRGI	Paper Presentation	2nd prize
2	G.Nagamuralidharan	JSRGI	Paper Presentation	3rd prize
3	T.Saravanakumar	JSRGI	Paper Presentation	3rd prize
2013-14				
4	S.Arunraj	JSRGI	Project Presentation	3rd Prize
5	S.Devipriya	JSRGI	Project	3rd Prize

			Presentation	
6	G.Ramakrishnan	JSRGI	Quiz Competition	2nd Prize
7	G.Nagamuralidharan	SNS College of Engineering	Circuit Debugging	2nd Prize
8	K.Naveen	JCT College of Engg. & Tech.	Circuit Debugging	2nd Prize
2014-15				
9	N.Gowtham	Angel College of Engg. & Tech.	Paper Presentation	2nd Prize
10	Ganesan.A	Angel College of Engg. & Tech.	Paper Presentation	2nd Prize
11	Kannappar.P	Sri Ramakrishna Engineering College	Paper Presentation	2nd Prize
12	Kannappar.P	Professional Group of Institutions	Paper Presentation	2nd Prize
13	Manoj Babu.R	Sri Ramakrishna Engineering College	Paper Presentation	2nd Prize
14	Manoj Babu.R	Professional Group of Institutions	Paper Presentation	2nd Prize
15	Mohamed Rajithali.A	Hindustan College of Engg. & Tech.	Project Presentation	2nd Prize
16	Mydeen Mubarak.I	Angel College of Engg. & Tech.	Paper Presentation	2nd Prize
17	Pushparaj.J	VSB College of Engg. Tech.Campus	Paper Presentation	2nd Prize
18	Saravanakumar.R	VSB College of Engg. Tech.Campus	Paper Presentation	2nd Prize
19	Sivakumar.P	Erode Sengunthar Engineering College	Paper Presentation	1st Prize
20	Sudharsanam.P	Erode Sengunthar Engineering College	Paper Presentation	1st Prize

21	Krishna Prasath.S	Angel College of Engg. & Tech.	Technical Quiz	3rd Prize
22	Santhosh Kumar.D	Angel College of Engg. & Tech.	Technical Quiz	3rd Prize

24. List of eminent academicians and scientists/visitors to the department

Academic year	List of eminent academicians and scientists	Name of the Event
2012-13	Dr.C.N.Marimuthu, Dean/ECE, Nandha College of Engineering, Erode	One day seminar for Renewable Energy
	Mr.M.P.Viswanathan, AP/EEE Hindusthan College of Technology, Coimbatore	Guest Lecture for Control Systems
	Mrs.Vanmathi, ASP/EEE Hindusthan College of Technology, Coimbatore	Guest Lecture for Electrical Machine Design
2013-14	Prof.V.Jethose, HOD/EEE JCT College of Engineering and Technology, Coimbatore.	Guest lecture for Foundation theory of Electrical Engineering and electrical machines
	Prof.M.Maheshwari, HOD/EEE SNS College of Engineering and Technology, Coimbatore	Seminar on Power Quality Improvement
	Dr.C.Gowrishankar, AP/EEE KSR College of Engineering.	Guest Lecture on Digital signal processing
	Mr.S.Gopinath, AP/EEE KSR College of Engineering	Guest Lecture on Electro Magnetic Theory
	Dr. P. A. Balakrishnan, Dean (Academic), Bharathiyar Institute of Engineering for Women Salem	Two days National Conference on "Recent Advances in Science, Engineering and Technologies"
	Dr. R. Devi Priya Assistant Professor / IT Kongu Engineering College	Two days National Conference on "Recent Advances in

	Perundurai	Science, Engineering and Technologies"
2014-15	Mr.Selvakumar, ABB, Chennai	Guest Lecture on transmission and distribution
	Mr. V. Parthipan, Signal Control In-Charge, Southern Railway Dindugal	Four days workshop on "PLC"
	Mr.G.Gowrishankar Assistant Professor/EEE, Sri Nandhanam Engineering College	Guest Lecture on Design of Electrical Machines
	N.Shanmugasundharam, Asst.Prof - ECE Vidyaa Vikas College of Engineering and Technology	Guest Lecture on Microprocessor and microcontroller
	Dr.P.Anbalagan thangavel, Robert Bosch Engineering and Business Solution Limited, Coimbatore	One day National Conference on "Recent Advances in Science, Engineering and Technologies

25. Seminars/Conferences/Workshops organized & the source of funding

a) National b) International

<div align="center">SEMINARS ORGANIZED</div>

Academic year	Name of the Event	Resource Person	Source of funding	National / International
2012-13	One day seminar for Renewable Energy	Mr.C.Marimuthu, Dean/ECE, Nandha College of Engineering, Erode	JSRGI	National
	One day Workshop	Mr.S.Selva Kumar & Mr.A.Raj Kumar, ABB, Chennai	JSRGI	National
	Guest Lecture for Control Systems	Mr.M.P.Viswanathan, AP/EEE Hindusthan College of Technology, Coimbatore	JSRGI	National
	Guest Lecture for Electrical Machine Design	Mrs.Vanmathi, ASP/EEE Hindusthan College of Technology, Coimbatore	JSRGI	National
	Guest lecture for Foundation theory	Prof.V.Jethose, HOD/EEE	JSRGI	National

	of Electrical engineering and electrical machines	JCT College of Engineering and Technology, Coimbatore.		
2013-14	Seminar on Introduction to Embedded system, MATLAB, PCB design	A.Rajeshkumar, Oxide tech, Coimbatore	JSRGI	National
	Four days workshop on "PLC"	Mr. V. Parthipan, Signal Control In-Charge, Southern Railway Dindugal	JSRGI	National
	Seminar on Power Quality Improvement	Prof.M.Maheshwari, HOD/EEE SNS College of Engineering and Technology, Coimbatore	JSRGI	National
	Guest Lecture on Digital signal processing	Dr.C.Gowrishankar, AP/EEE KSR College of Engineering.	JSRGI	National
	Guest Lecture on Electro Magnetic Theory	Mr.S.Gopinath, AP/EEE KSR College of Engineering	JSRGI	National
	One day workshop on "Recent Trends in Embedded System Design Techniques"	Mr. S. Yusufraja, Team Lead, Embedded System and Design, Coimbatore	JSRGI	National
	Seminar on "Grid Management"	Mr. I. Nedumaran, Chief Manager, Neyveli Lignite Corporation Limited Neyveli	JSRGI	National
2014-15	Seminar on "Industrial Automation"	Mr.K.Ilanchezian Assistant Manager, prolific systems, coimbatore	JSRGI	National
	Guest Lecture on transmission and distribution	Mr.Selvakumar, ABB, Chennai	JSRGI	National

	Three Days Workshop On "EVERGREEN ELECTRICALS"	Mr.Ramachandran & Mr.Annamalai, Assistant engineers, Keman Technologies, Coimbatore	JSRGI	National
	Four days workshop on "PLC"	Mr. V. Parthipan, Signal Control In-Charge, Southern Railway Dindugal	JSRGI	National
	Guest Lecture on Design of Electrical Machines	Mr.G.Gowrishankar Assistant Professor/EEE, Sri Nandhanam Engineering College	JSRGI	National
	Guest Lecture on Microprocessor and microcontroller	N.Shanmugasundharam, Asst.Prof.,Department Of ECE, Vidyaa Vikas College Of Engineering And Technology	JSRGI	National
2015-16	One day Seminar on awareness about power quality	Mr.M.S.Madhu, Proprietor, Aakash power engineering, Coimbatore. Mr.N.Prasanna, Project manager, Aakash Power Engineering, Coimbatore.	JSRGI	National
	Two days Workshop on PCB design	Mr.E.Murugan, R&D Engineer, Arche biologics, Coimbatore.	JSRGI	National
2015-16	Three day Workshop on SCADA	Mr.K.Jayakumar, Crafter Technologies, Coimbatore.	JSRGI	National
	Guest Lecture on Power System Analysis	Mrs.Jothiswari, Coimbatore Marine College, Coimbatore.	JSRGI	National

CONFERENCES ORGANIZED

Academic year	Name of the Event	Resource Person	Source of funding

2012-13	Recent Advances in Communication Power & Computing Intelligence	Prof.N.P.Anandhamoorthy, Dept of EEE,Hindhustan College of Engg & Tech,CBE	JSRGI
		Dr.S.Mangai Prof & Head, Dept of BME, Vellalar College of Engineering & Tech,Erode	
		Dr.D.Chitra, Prof & Head, Dept of CSE, PA College of Engg & Tech, Pollachi.	
		Mr.I.Senthil Kumar, TeamLead, Oracle Corporation,Bangalore.	
		Dr.U.S.Ragupathi, Prof & Head, Dept of EIE, Kongu Engg College,Perundurai	
		Dr.R.Vanithamani, Prof & Head , Dept of EEE, Sri Shanmuga College of Engg & Tech,Salem.	
		Prof.S.N.Deepa, Prof & Head / Depatment of EEE, Anna University Regional Centre,CBE	
2013-14	RASET 2014	Dr. P. A. Balakrishnan, Dean (Academic), Bharathiyar Institute of Engineering for Women Salem	JSRGI
		Dr. R. Devi Priya Assistant Professor / IT Kongu Engineering College Perundurai	

2014-15	RASET 2015	Dr.P.Anbalagan Thangavel, Robert Bosch Engineering and Business Solution Limited, Coimbatore	JSRGI

26. Student profile programme / course wise

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B.E/EEE(2009-13)	65	47	46	1	80.8%
B.E/EEE(2010-14)	81	58	53	5	70.6%
B.E/EEE(2011-15)	52	37	34	3	81%
M.E/PED(2013-15)	35	19	10	9	47.3%

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.E/EEE(2009-13)	98%	2%	0%
B.E/EEE(2010-14)	98.3%	1.7%	0%
B.E/EEE(2011-15)	100%	0%	0%
M.E/PED(2013-15)	100%	0%	0%

28. How many students have cleared national and state competitive examinations such as NET ,SLET, GATE, Civil services, Defense Services, etc.?

Competitive Examinations	No of Candidates cleared
Nil	

29. Student progression

Students Progression	Against % Enrolled		
	2012-13	2013-14	2014-15
UG to PG	2	1	-
PG to M.Phil.	-	-	-
PG to Ph.D.	-	-	-
Ph.D. to Post-Doctoral	-	-	-
Employed	-	-	-
Campus selection	24	50	15

Other than campus recruitment	14	4	12
Entrepreneurship/Self-employment	2	1	1

30. Details of Infra structural facilities

a) Library

Total no of Titles	Total no of volumes	National Journals[Central Library]	International Journals[Central Library]	VCD (e books)	DVD (NPTEL and other video Lectures)
583	2776	12	7	108	734 Videos

b) Internet facilities for Staff & Students

The Institution has Internet Service Providers with10 Mbps bandwidth.

1. Name of Internet Service Provider : BSNL

c) Class rooms with ICT facility

- 2 LCD projectors are used by the department faculty to provide better interactive teaching methodology.

d) Laboratories

Laboratory Description in the curriculum	Major Equipments
Electrical Machines Lab	Single phase transformer
	DC motor-alternator Set
	Manual Star/Delta starter
	D.C motor – Generator set
	Rectifier
	Power Panel
Power Electronics Lab	Device characteristics (for SCR,
	MOSFET, TRIAC and IGBT) kit with built in power supply & meters
	SCR firing circuit module
	Single phase SCR based ½ controlled converter & fully controlled converter along with built-in / separate / firing circuit / module and meter

	MOSFET based step up and step down choppers
	IGBT based single phase PWM inverter module
	IGBT based three phase PWM inverter module
Control System Lab	DC servo motor
	AC servo motor
	Rigged up models of type-0 and type-1 system using analog components
	DC source and storage Oscilloscope
Measurements and Instrumentation Lab	LVDT kit
	Bourdon pressure transducer kit
	Maxwell's inductance Capacitance Bridge kit
	Schering Bridge kit
	Kelvin Double bridge kit
Power Electronics and Drives Lab	Power module for DC converter for separately excited DC machine 0.5HP
	Power module for DC chopper for separately excited DC machine 0.5HP
	Stepper motor
	Power module, BLDC motor(0.5HP)
	SRM motor-0.5 HP

31. Number of students receiving financial assistance from college, university, government or other agencies

Academic year	No of students	
	College/University/Government	Other agencies

2012-13	88	-
2013-14	99	-
2014-15	97	-

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

KNOWLEDGE BASED ENRICHMENT PROGRAMS		
Date	Name of the Event	Resource person
08.08.12	One day seminar for Renewable Energy	Mr.C.Marimuthu, Dean/ECE, Nandha College of Engineering, Erode
12.09.12	One day Workshop	Mr.S.Selva Kumar & Mr.A.Raj Kumar, ABB, Chennai
08.03.13	Guest Lecture for Control Systems	Mr.M.P.Viswanathan, AP/EEE Hindusthan College of Technology, Coimbatore
15.03.13	Guest Lecture for Electrical Machine Design	Mrs.Vanmathi, ASP/EEE Hindusthan College of Technology, Coimbatore
06.08.13	Guest lecture for Foundation theory of Electrical engineering and electrical machines	Prof.V.Jethose, HOD/EEE JCT College of Engineering and Technology, Coimbatore.
10.08.13	Seminar on Introduction to Embedded system, MATLAB, PCB design	A.Rajeshkumar, Oxide tech, Coimbatore
27.08.13	Four days workshop on "PLC"	Mr. V. Parthipan, Signal Control In-Charge, Southern Railway Dindugal
27.08.13	Seminar on Power Quality Improvement	Prof.M.Maheshwari, HOD/EEE SNS College of Engineering and Technology,

		Coimbatore
29.08.13	Guest Lecture on Digital signal processing	Dr.C.Gowrishankar, AP/EEE KSR College of Engineering.
29.08.13	Guest Lecture on Electro Magnetic Theory	Mr.S.Gopinath, AP/EEE KSR College of Engineering
20.09.13	One day workshop on "Recent Trends in Embedded System Design Techniques"	Mr. S. Yusufraja, Team Lead, Embedded System and Design, Coimbatore
20.02.14	Seminar on "Grid Management"	Mr. I. Nedumaran, Chief Manager, Neyveli Lignite Corporation Limited Neyveli
17.07.14	Seminar on "Industrial Automation"	Mr.K.Ilanchezian Assistant Manager, Prolific systems, Coimbatore
03.09.14	Guest Lecture on transmission and distribution	Mr.Selvakumar, ABB, Chennai
29.12.14- 31.12.15	Three Days Workshop On "EVERGREEN ELECTRICALS"	Mr.Ramachandran & Mr.Annamalai, Assistant engineers, Keman Technologies, Coimbatore
05.01.15- 08.01.15	Four days workshop on "PLC"	Mr. V. Parthipan, Signal Control In-Charge, Southern Railway Dindugal
19.03.15	Guest Lecture on Design of Electrical Machines	Mr.G.Gowrishankar Assistant Professor/EEE, Sri Nandhanam Engineering College
16.03.15	Guest Lecture on Microprocessor and Microcontroller	N.Shanmugasundharam, Asst.Prof.,Department of ECE, Vidyaa Vikas College of Engineering And Technology
17.07.15	One day Seminar on awareness	Mr.M.S.Madhu,

	about power quality	Proprietor, Aakash power Engineering, Coimbatore. Mr.N.Prasanna, Project manager, Aakash power engineering, Coimbatore.
22.08.15 - 23.08.15	Two days Workshop on PCB design	Mr.E.Murugan, R&D Engineer, Arche biologics, Coimbatore.
20.08.15 - 22.08.15	Three day Workshop on SCADA	Mr.K.Jayakumar, Crafter Technologies, Coimbatore.
21.09.15	Guest Lecture on Power System Analysis	Mrs.Jothiswari, Coimbatore Marine College, Coimbatore.
CARREER GUIDANCE PROGRAM		
22-07-13	Mr.Thanikachalam	Aptitude
22-07-14	Mr.Bala	Aptitude
22-7-13	Mr.Aravind	Aptitude
26-7-13	Mr. Joel Jesu Roy	Soft skills
21-8-13 - 24-8-14	Mr.V.Parthipan	PLC
1-8-13 - 5-8-13	Ms.Hemalatha	.Net
6-8-13 - 10-8-13	Mr .Mathyalagan	Testing
20-02-14	Mr.I.Nedumaran	Grid Management
05-01-15 - 08-01-15	Mr.V.Parthipan	PLC

33. Teaching methods adopted to improve student learning

➢ Chalk and Board.

➢ Power Point Presentation

- ➢ Audio-Visual aids (films and videos on subject related topics)
- ➢ Case Study Method
- ➢ Group Discussion Method
- ➢ Touch screen kiosk
- ➢ NPTEL videos
- ➢ Seminars

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

S.No.	Activities	Objective	Resource Person
INSTITUTIONAL SOCIAL RESPONSIBILITY			
1	Workshop on Energy Conservation	To train the line mans for the better electricity conservation	Government Line Mans

35. SWOC analysis of the department and Future plans

STRENGTH

- ➢ Well Equipped Laboratory
- ➢ Well qualified and dedicated faculty
- ➢ Produced Anna University Ranks.
- ➢ Quality Education with an Environment of Academic Discipline..

WEAKNESS

- ➢ Care to be taken for rural students towards communication.
- ➢ Lack of womanly students.
- ➢ Need improvement in sending projects to funding agencies.

OPPORTUNITIES

- ➢ Permitting faculty members for pursuing higher education
- ➢ Interaction with industrialist researchers is possible.
- ➢ Permitting students to participate in all curricular activities.

CHALLENGES

- ➢ Developing communication skill among the students.
- ➢ Lack of industrial exposure among the students.
- ➢ Creating awareness of career among students.
- ➢ Lack of social responsibilities of the students.

 FUTURE PLANS

- ➢ To apply sponsored projects to funding agency.
- ➢ To develop research oriented laboratories.

DEPARTMENT OF MECHANICAL ENGINEERING

1. **Name of the department**   : Mechanical Engineering

2. **Year of Establishment**   : 2009

3. **Names of Programmes/Courses offered**   :

    UG – Mechanical Engineering

    PG – CAD/CAM Engineering

4. **Names of Inter disciplinary courses and the departments/units involved**

Sub Code	Inter disciplinary courses	Year/ Sem	Departments Involved
MA 2211 & MA6351	Transforms and Partial Differential Equations	II/III	Science and Humanities
ME 2205 & EE6351	Electrical Drives and Controls	II/III	Electrical and Electronics Engineering
ME 2209 & EE6365	Electrical Engineering Laboratory	II/III	Electrical and Electronics Engineering
MA 2266 & MA6452	Statistics and Numerical Methods	II/IV	Science and Humanities
GE 2321 & GE6563	Communication Skills - Laboratory	III/VI	Science and Humanities
ME 2255	Electronics and Microprocessors	II/IV	Electrical and Electronics Engineering

5. **Annual/semester/choice based credit system (programme wise)**

    UG: Mechanical Engineering – Semester based Credit system

    PG: CAD CAM Engineering – Semester based Credit system

6. **Participation of the department in the courses offered by other departments**

Sub Code	Name of the course	Year/Sem	Name of the Department
GE6152	Engineering Graphics	I/I	Science and Humanities
GE6162	Engineering Practice Lab	I/I	Science and Humanities
GE6253	Engineering Mechanics	I/II	Science and Humanities
GE6261	Computer Aided Drawing and Drafting Lab	I/II	Science and Humanities

GE 2152	Basic Civil and Mechanical Engineering	I/II	Science and Humanities
ME 6701	Power Plant Engineering	III/V	Electrical and Electronics Engineering

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

Name of the Course	Participating Institution / Industry	Beneficiary
CREO	Adroitec Engg Pvt. Ltd D-194 Okhal indlarea Phase –I New delhi-110 020	II year students
CAD	Dev Bhakya Kripa 190 / B 1 N.G Narayana Samy Street New Sidhapudur Coimbatore	II year students
ANSYS	M/S Adithya Technologies 38: 2nd street , Adithaya Annexe , G.N.mills post Coimbatore	III year students
MATLAB	M/S. Core ELTechnologies Pvt.ltd. 21, 7th main, I block, Koramangala Bangalore	III year students
EDGE CAM	Kriatec Services Pvt. Ltd 45 Second Street Alambakkam Chennai	III year students
LAB VIEW	Trident Tech labs pvt.ltd White house II nd floor 1/18 – 20 Raxi Jansi Road New Delhi	IV year students

8.   **Details of courses/programmes discontinued (if any) with reasons:** Nil

9.   **Number of teaching posts**

	Sanctioned	**Filled**
Professor	1	1
Associate Professor	2	2
Asst. Professor	28	28

10.   **Faculty profile with name, qualification, designation, specialization,(D.Sc./D.Litt./Ph.D./ M.Phil etc.,)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students Guided for the Last 4 years
Dr.R.Maguteeswaran	M.E., Ph.D.	Principal & Professor	CIM	16.5	
Mr. A.Peramanan	M.E.,(Ph.D.)	Associate professor	Manufacturing Technology	21	-
Mr.N.Kannan	M.E	Associate professor	Engineering Design	10.6	-
Mr.S.Rajkumar	M.E	HOD & Asst. professor	Engineering Design	5	-
Mr.P.Satheesh	M.E.,(Ph.D.)	Assistant professor	Thermal Engineering	6.5	-
Mr.K.Saravanakumar	M.E	Assistant professor	Engineering Design	5.6	-
Mr.R.Mahendran	M.E	Assistant professor	CAD/CAM	4.6	-
Mr.G.Selvakumar	M.E	Assistant professor	Engineering Design	4.6	-
Mr.M.Srinivasan	M.E	Assistant professor	CAD	4.6	-
Mr.V.Senthilraja	M.E	Assistant professor	Engineering Design	5	-
Mr.N.Thangavel	M.E	Assistant professor	Industrial Metallurgy	3.6	-
Mr.B.Parthiban	M.E	Assistant professor	Engineering Design	5.6	-
Mr.N.Sampathkumar	M.E	Assistant professor	Engineering Design	3.6	-
Mr.B.Saravanan	M.E	Assistant professor	Engineering Design	3.6	-
Mr.B.Karthick	M.E	Assistant professor	Engineering Design	0.6	-
Mr.C.Satheesh Kumar	M.E	Assistant professor	Engineering Design	1.6	-
Mr.S.Rajeshkumar	M.E	Assistant professor	CAD	0.6	-

Mr.M.Sathish Kumaar	M.E	Assistant professor	Engineering Design	2.6	-
Mr. A. Ethiraj	M.E	Assistant professor	Engineering Design	1.6	-
Mr.M.Prakash	M.E	Assistant professor	Engineering Design	3.5	-
Mr.K.R.Naveen Kumar	M.E	Assistant professor	CAD	1.6	-
Mr.M.Eswaran	M.E	Assistant professor	Engineering Design	2.6	-
Mr.R.Suraly	M.E	Assistant professor	Engineering Design	3.6	-
Mr.G.S Prakash	M.E	Assistant professor	Engineering Design	0.6	-
Mr.V.Harikrishnan	M.E	Assistant professor	Engineering Design	0.6	-
Mr.G.Karthi	M.E	Assistant professor	Engineering Design	1.6	-
Mr.A.Selvakumar	M.E	Assistant professor	Engineering Design	0.6	-
Mr.S.Logesh	M.E	Assistant professor	Product Design and Development	1.6	-
Mr.Anandraj Selvan	M.E	Assistant professor	CAD	0.6	-
Mr.U.Syed Abuthakir	M.E	Assistant professor	Engineering Design	0.6	-
Mr.M.Palanisamy	M.E	Assistant professor	CAD/CAM	0.6	-

11. List of senior visiting faculty: Nil

12.   Percentage of lectures delivered and practical classes handled by temporary faculty: Nil

13. Student-Teacher Ratio

Name of the Programme	Student Teacher Ratio
UG	15:1
PG	12:1

14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled**

Category	Sanctioned	Filled
Academic Support Staff (Technical)	4	4
Administrative Staff	-	-

15. **Qualifications of teaching faculty with D.Sc /D.Litt /Ph.D/M.Phil /PG.**

Teaching Faculty	
Qualification	Number
Ph.D.	1
M.E	30
B.E	-

16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:** NIL

17. **Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:** NIL

18. **Research Centre/facility recognized by the University:** Nil

19. Publications

PUBLICATION PER FACULTY

S.NO.	NAME OF THE FACULTY	CONFERENCE		JOURNAL		BOOK/ MONOGRAGH/ CHAPTER
		National	International	National	International	
1	Dr.R.Maguteeswaran	15	5	5	35	**-**
2	Mr. A.Peramanan	3	1	-	7	**-**
3	Mr.N.Kannan	2	2	-	2	**-**
4	Mr.S.Rajkumar	3	1	-	7	
5	Mr.P.Satheesh	6	-	-	6	**-**
6	Mr.K.Saravanakumar	5	1	-	5	**-**
7	Mr.R.Mahendran	1	-	-	2	**-**
8	Mr.G.Selvakumar	2	2	-	4	**-**

9	Mr.M.Srinivasan	5	-	-	4	-
10	Mr.V.Senthilraja	3	-	-	7	-
11	Mr.N.Thangavel	-	-	-	4	-
12	Mr.B.Parthiban	-	-	-	2	-
13	Mr.N.Sampathkumar	-	-	-	3	-
14	Mr.B.Saravanan	1	-	-	2	-
15	Mr.B.Karthick	1	-	-	-	-
16	Mr.C.Satheesh Kumar	1	1	-	1	-
17	Mr.S.Rajeshkumar	-	2	-	1	-
18	Mr.M.Sathish Kumaar	1	1	-	-	-
19	Mr.M.Prakash	2	-	-	-	-

PUBLICATION BY STUDENT

S.NO.	Academic Year	CONFERENCE		JOURNAL	
		National	International	National	International
1	2012-13	10	-	-	10
2	2013-14	62	-	-	15
3	2014-15	86	-	-	75

(b) No. of Papers published in peer viewed journals

S.No.	Name of the Faculty	Title of paper published	Name of the Journal/ Volume/ Page number/ Year / DOI or ISSN	Impact factor
1	Mr.C.Satheesh Kumar	Investigation of Pile-Up Sink In And Contracting During Spherical Indentation on Coating Substrate System Using FEA	JOURNAL OF ENGINEERING TRIBOLOGY	0.916

20. Areas of consultancy and income generated: NIL

21. Faculty as members in

National committees b) International Committees c) Editorial Boards

SI. No.	Name of the Faculty Involved	National/International Committees	Roles and Responsibilities

1	Dr.R.Maguteeswaran	IJETS	Editorial Board Member
2	Dr.R.Maguteeswaran	STM JOURNALS	Editorial Board Member

22. Student projects

a)   Percentage of students who have done in- house projects including inter departmental / programme

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

<p align="center">UG</p>

Academic Year	In house projects (%)	Outside the Institution (%)	
		Industry	**Other Agencies**
2012-13	85	15	-
2013-14	34	66	-
2014-15	15	85	-

<p align="center">PG</p>

Academic Year	In house projects (%)	Outside the Institution (%)	
		Research Laboratories/Industry	**Other Agencies**
2012-13	-	-	-
2013-14	-	-	-
2014-15	45	55	-

23. Awards/Recognitions received by faculty and students

<p align="center">FACULTY</p>

Name of the Faculty	Awards
Dr.R.Maguteeswaran	Best Teaching Award
Mr.M.Srinivasan	Voters Awarance- Best Nodal Officer Award From Tiruppur Collector,2014
Mr.M.Srinivasan	Blood Donation Award From Tiruppur Collector,2014

<p align="center">STUDENT</p>

Name of the Student	Awards
N. Arunkarthickraja	STATE LEVEL OPEN KARATE

	CHAMPIONSHIP	

Certificate of appreciation for producing best academic results

Academic year	No of Faculty
2012-13	06
2013-14	08
2014-15	09

Academic achievements by students

Name of the student	Batch	University Rank	Reorganization by Institution
R. John stephen	2009-13	44	PRIZE
K.Karthi	2010-14	27	PRIZE

Awards in Co-curricular & Extracurricular Activities

S.No.	Name of the student	Organization	Event	Award
1	N. Arunkarthickraja	Sports	4TH All India Karate Championship	3RD PLACE
2	N. Arunkarthickraja	Sports	State Level Open Karate Championship	1ST PLACE
3	N. Arunkarthickraja	Sports	State Level Open Karate Championship(55KG)	1ST PLACE
4	N. Arunkarthickraja	Sports	Martial Arts	3RD PRIZE
5	N. Arunkarthickraja	Sports	2ND Tiruppur District Taekwondo Championship	SILVER
6	L.Karthick P.Manesh P.Muraliraja	JSRGI	Hydrogen Engine	NOVA 2K13 BEST PROJECTS
7	A.Santhose M.Ramesh M.Suriyabalan M.Sabarishwaran	JSRGI	Three Axis Pneumatic Modern Trailers	NOVA 2K13 BEST PROJECTS
8	K.Gokul M.Kalay	JSRGI	Spring Separator	NOVA 2K13 BEST

				PROJECTS
9	A.Rizwan P.Vetrivel K.Vignesh M.Prabhu Kumar S.Arun Kumar	JSRGI	Coconut Husk Remover	NOVA 2K15 BEST PROJECTS
10	R.Jothimanivannan M.Jothimani S.Kavibharathi D.Gokulnath	JSRGI	Making Of Water Pump Using Pvc Pipes	NOVA 2K15 BEST
11	G.Yuvaraj N.Santhoshkumar S.Sathish M.Vignesh K.Sivasakthi	JSRGI	Over Load Indicator For Automobiles	PROJECTS

24.   List of eminent academicians and scientists/visitors to the department

Academic year	List of eminent academicians and scientists	Name of the Event
2012-13	Mr. Balamurugan Manager Manufacturing Division Rane Brake Lines, Chennai.	Inauguration
2012-13	Mr.S.Nagarajan Manufacturing Head Rane Brake Lines,Trichy.	Inauguration of TBI
2012-13	Mr.Rajasekar Manufacturing Head Global Rubber Industries. Chennai	Inauguration
2012-13	Mr.P.Sriram Managing director Surfine Tools, Coimbatore	Inauguration
2012-13	Prof.P.Ramachandran, Kalainar Karunanithi College Of Technology,	Symposium

	Coimbatore	
2012-13	Prof P.Velumani KSR College of Engineering Tiruchengode	Symposium
2012-13	Mr.Mani Chief Engineer Hero Honda Motor Tirupur	Workshop
2012-13	Mr.M.Santhalingam Sr.Application Manager Adroitech, Coimbatore	Workshop
2012-13	Prof. Arivudainambi ISTE Section Managing Committee Hosur	ISTE Inauguration
2013-14	Mr.K.Mohanapranesh Technical Director BHIPL Coimbatore	Workshop
2013-14	Dr.S.Nandhakumar Professor SNS college of engineering Coimbatore	Workshop
2013-14	Mr.B.Karthikeyan Manager Paragathi power corporation limited New delhi	Guest lecture
2013-14	Mr.K.M.Thangharaj Chairman JSRGI Tirupur	Symposium
2013-14	Mr.S.Nagarajan CFD Head M/S Sputnik Corp	Workshop

	Coimbatore	
2014-15	Dr.K.Kandhababu Professor and Head Department Of Manufacturing College Of Engineering Guindy	Seminar
2014-15	Mr.P.Sundaraman Vice President and Head Air-Suspension Division Wheels India limited, Chennai	Placement Training Programme
2014-15	Er.K.Shanmugasundaram Technical Advisor Bhipl,Coimbatore	Inauguration
2014-15	Dr.T.Ramesh GCT Coimbatore.	FDTP
2014-15	Dr.K.Saravanakumar Associate Professor KPR College Coimbatore	FDTP
2014-15	Mr.Mohanapranesh Technical Director BHIPL Coimbatore	FDTP
2014-15	Mr.T.K.Karupannaswamy Managing Director BHIPL Coimbatore	FDTP
2014-15	Dr.P.R.Manikandan SSM Engineering college Salem	FDTP
2014-15	Mr.P.Pitchandi Prof &HEAD JCT Engineering College	FDTP

	Coimbatore		
2014-15	Mr.K.M.Thangharaj Chairman JSRGI Tirupur		Symposium
2014-15	Mr.R.Vimal Automobile Engineer Pongalur		Workshop
2015-16	Dr.S.Krishnakumar DRDO Chennai		Placement Training
2015-16	Mr.R.Johnstephen Process leader Grade III Saint Gobian, kerala		Inauguration

25. Seminars/Conferences/Workshops organized &the source of funding

a) National b) International

<div align="center">

SEMINARS ORGANIZED

</div>

Academic year	Name of the Event	Resource Person	Source of funding	National / International
2012-13	Seminar On Self Motivation	Prof. Arivudainambi ISTE Section Managing Committee Hosur	Self	National
2013-14	Seminar on Thermal Power Plant	Mr.B.Karthikeyan Manager Paragathi power corporation limited New delhi	Self	National
2014-15	One day seminar on placement training	MR.P.Sundaraman Vice President and Head Air-suspension division Wheels India limited, Chennai.	Self	National
2014-15	Seminar on Manufacturing	Er.K.Shanmugasundaram	Self	National

	And Assembl y	Technical Advisor Bhipl,Coimbatore		
2014-15	One Day Seminar On Abrasive Water Jet Machining	Dr.K.Kandhababu Professor and head Department of manufacturing College of engineering Guindy	Self	National
2014-15	Seven days FDTP on Fluid Mechanics And Machinery	Mr.T.K.Karupannaswamy Managing Director BHIPL Coimbatore	Anna University	National
2014-15	Seven days FDTP on Thermal Engineering	Dr.T.Ramesh GCT Coimbatore. Dr.K.Saravanakumar Associate Professor KPR college Coimbatore Mr.Mohanapranesh Technical Director BHIPL Coimbatore	Self	National
2014-15	Seminar on Gas Dynamics And Jet Propulsion	Mr.P.Pitchandi Prof &HEAD JCT Engineering College Coimbatore	Self	National
2015-16	Seminar on Fluid Mechanics And Machinery	Mr.V.Senthilraja Asst.Prof/Mech JSRGI Tirupur Mr.G.Selvakumar Asst.Prof/Mech JSRGI Tirupur	Self	National

Academic year	Name of the Event	Resource Person	Source of funding
2012-13	Computational Fluid Dynamics	Prof.P.T.Saravanakumar PA College Of Engineering Pollachi Mr.S.Nagarajan CFD Head M/s Sputnik Corp Coimbatore	JSRGI
2012-13	A Knowledge On CREO Parametric	MR.M.Santhalingam Sr.Application Manager Adroitech, Coimbatore	JSRGI
2013-14	Study Of Automobile Parts With Dismantling And Assembly	Mr.Mani Chief Engineer Hero Honda Motor Tirupur	JSRGI
2013-14	Workshop on CNC Programming And Machining	Mr.S.Suresh Assistant professor JSRGI, Tirupur Mr.P.Satheesh Assistant professor JSRGI, Tirupur	JSRGI
2013-14	Workshop on Engineering Graphics	Dr.R.Maguteeswaran Principal JSRGI Tirupur	JSRGI
2013-14	Workshop on Engineering Graphics	Mr.S.Suresh Assistant professor JSRGI, Tirupur	JSRGI
2013-14	Intra college soft skills training on CATIA	Mr.S.Nithyananth Assistant professor JSRGI, Tirupur	JSRGI

2014-2015	Workshop In Dismantling And Assembly Of Two Wheeler	Mr.R.Vimal Automobile Engineer Pongalur	JSRGI
2015-16	Workshop on Engineering Graphics	Mr.S.Rajkumar HOD/Mech JSRGI Tirupur	JSRGI
2015-2016	Workshop on Engineering Graphics	Mr.B.Saravanan Asst.Prof/Mech JSRGI Tirupur	JSRGI
2015-16	Workshop on Advanced Welding Technology	Mr.A.Peramanan Asst.Prof /Mech JSRGI Tirupur	JSRGI
2015-16	Workshop on Advanced Welding Technology	Mr.N.Thangavel Asst.Prof/Mech JSRGI Tirupur	JSRGI

26. Student profile programme/course wise

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
BE.,MECH(2009-13)	Anna University Single Window System	65	65	0	94
BE.,MECH(2010-14)		75	75	0	97
BE.,MECH(2011-15)		132	131	01	83

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.E MECH (2009-13)	81	19	-
B.E MECH (2010-14)	83	17	-
B.E MECH (2011-15)	95	05	-

B.E MECH (2012-16)	96	04	-
B.E MECH (2013-17)	97	03	-
B.E MECH (2014-18)	99	01	-

28.   How many students have cleared national and state competitive examinations such as NET,SLET,GATE, Civil services, Defense services ,etc.?

Competitive Examinations	No of Candidates cleared
Nil	

29. Student progression

Student progression	Against % enrolled		
	2009-2013	2010-2014	2011-2015
UG to PG	2	5	3
PG to M.Phil.	-	-	-
PG to Ph.D.	-	-	-
Ph.D. to Post-Doctoral	-	-	
Employed	47	55	106
•Campus selection •Other than campus recruitment	05	06	10
Entrepreneurship/Self-employment	08	04	05

30.   Details of Infrastructural facilities

a) Library

Total no of Titles	Total no of volumes	National Journals[Central Library]	International Journals[Central Library]	VCD (e books)	DVD (NPTEL and other video Lectures)
600	2776	12	07	94	1500

b) Internet facilities for Staff & Students

The Institution has Internet Service Providers with 10Mbps bandwidth.

1. Name of Internet Service Provider   : BSNL

    Available bandwidth   : 10

c) Class rooms with ICT facility

LCD projectors are used by the department faculty to provide better interactive teaching methodology.

d) Laboratories

Laboratory Description in the curriculum	Major Equipments
Manufacturing Technology Laboratory – I	Centre Lathes Horizontal Milling Machine Vertical Milling Machine Shaper
Manufacturing Technology Laboratory – II	Turret and Capstan Lathes Horizontal Milling Machine Vertical Milling Machine Surface Grinding Machine Radial Drilling Machine lathe Tool Dynamometer Gear Hobbling Machine Tool Makers Microscope CNC Lathe CNC milling machine
Fluid Mechanics And Machinery Laboratory	Orifice meter setup Venturimeter setup Rotameter setup Pipe Flow analysis setup Centrifugal pump setup Submergible pump setup Reciprocating pump setup Gear pump setup Pelton wheel setup Francis turbine setup Kaplan turbine setup
Thermal Engineering Laboratory – I	I.C Engine – 2 stroke and 4 stroke model Apparatus for Flash and Fire Point 4-stroke Diesel Engine with mechanical loading 4-stroke Diesel Engine with electrical loading 4-stroke Diesel Engine with Hydraulic loading Multi-cylinder Petrol Engine Single cylinder Petrol Engine Steam Boiler with turbine setup Air blower

	Red wood viscometer
Thermal Engineering Laboratory - II	Guarded plate apparatus Lagged pipe apparatus Natural convection-vertical cylinder apparatus Forced convection inside tube apparatus Pin-fin apparatus Stefan-Boltzmann apparatus Emissivity measurement apparatus Parallel/counter flow heat exchanger apparatus Single/two stage reciprocating air compressor Refrigeration test rig Air-conditioning test rig
Strength Of Materials Laboratory	Universal Tensile Testing machine (40 tons) Torsion Testing Machine (60 NM Capacity) Impact Testing Machine (300 J Capacity) Brinell Hardness Testing Machine Rockwell Hardness Testing Machine Spring Testing Machine for tensile and compressive loads (2500 N) Metallurgical Microscopes Muffle Furnace (800 C)
Dynamics Laboratory	Cam follower setup Motorized gyroscope Governor apparatus Whirling of shaft apparatus Dynamic balancing machine Two rotor vibration setup Spring mass vibration system Torsional Vibration of single rotor system setup Gear Models mechanisms Kinematic Models to study various Turn table apparatus Transverse vibration setup of cantilever Free-Free beam Simply supported beam.

Metrology & Measurements Laboratory	Micrometer Vernier
	Caliper Vernier Height
	Gauge Vernier depth
	Gauge Slip Gauge Set
	Gear Tooth Vernier
	Sine Bar
	Floating Carriage Micrometer
	Profile Projector
	Tool Makers Microscope apparatus
	Comparator
	Mechanical / Pneumatic Autocollimator
	Temperature Measuring Setup
	Force Measuring Setup
	Torque Measuring Setup
	Surface finish measuring equipment
CAD/CAM Laboratory	Computer Server
	Laser Printer
	CNC Lathe
	CNC milling machine
	Any High end integrated modeling and manufacturing Software
	CAD / CAM software
	CAM Software for machining centre and turning centre (CNC Programming and tool path simulation for FANUC / Licensed operating system
	Support for CAPP
Simulation And Analysis Laboratory	Computer Work Station
	Color Desk Jet Printer
	Multi body Dynamic Software Suitable for Mechanism simulation and analysis
	C / MATLAB
Mechatronics Laboratory	Basic Pneumatic Trainer Kit with Manual and Electrical controls/ PLC Control each
	Hydraulics and Pneumatics Systems Simulation

	Software
	8051 - Microcontroller kit with stepper motor and drive circuit sets

31. **Number of students receiving financial assistance from college, university, government or other agencies**

Academic year	No of students			
	College/University/Government	First graduate	BC and MBC scholarship	SC/ST scholarship
2012-13	Government	51	60	8
2013-14	Government	83	103	16
2014-15	Government	172	192	24
2015-16	Government	236	248	34

32. **Details on student enrichment programmes special lectures/workshops/seminar) with external experts**

KNOWLEDGE BASED ENRICHMENT PROGRAMS		
Date	Name of the Event	Resource person
07.08.13-08.08.13	Computational Fluid Dynamics	Prof.P.T.Saravanakumar PA College Of Engineering Pollachi Mr.S.Nagarajan CFD Head M/s Sputnik Corp Coimbatore
21.09.12	A Knowledge On CREO Parametric	MR.M.Santhalingam Sr.Application Manager Adroitech, Coimbatore
05.03.14	Seminar on Thermal Power Plant	Mr.B.Karthikeyan Manager Paragathi power corporation limited New delhi
25.09.13	Study Of Automobile Parts With Dismantling And Assembly	Mr.Mani Chief Engineer Hero Honda Motor

		Tirupur
08.02.14	Workshop on CNC Programming And Machining	Mr.S.Suresh Assistant professor JSRGI, Tirupur Mr.P.Satheesh Assistant professor JSRGI, Tirupur
26.07.13	Workshop on Engineering Graphics	Dr.R.Maguteeswaran Principal JSRGI Tirupur
27.07.13	Workshop on Engineering Graphics	Mr.S.Suresh Assistant professor JSRGI, Tirupur
20.01.14	Intra college soft skills training on CATIA	Mr.S.Nithyananth Assistant professor JSRGI, Tirupur
15.11.14	One day seminar on placement training	MR.P.Sundaraman Vice President and Head Air-suspension division Wheels India limited, Chennai.
03.07.14	Seminar on Manufacturing And Assembly	Er.K.Shanmugasundaram Technical Advisor Bhipl,Coimbatore
15.11.2014	One Day Seminar On Abrasive Water Jet Machining	Dr.K.Kandhababu Professor and head Department of manufacturing College of engineering Guindy
09.06.14- 15.06.14	Seven days FDTP on Fluid Mechanics And Machinery	Mr.T.K.Karupannaswamy Managing Director

		BHIPL
		Coimbatore
08.12.14- 14.12.14	Seven days FDTP on Thermal Engineering	Dr.T.Ramesh GCT Coimbatore. Dr.K.Saravanakumar Associate Professor KPR college Coimbatore Mr.Mohanapranesh Technical Director BHIPL Coimbatore
15.12.14	Seminar on Gas Dynamics And Jet Propulsion	Mr.P.Pitchandi Prof &HEAD JCT Engineering College Coimbatore
12.12.14- 13.12.14	Workshop In Dismantling And Assembly Of Two Wheeler	Mr.R.Vimal Automobile Engineer Pongalur
30.07.15	Seminar on Fluid Mechanics And Machinery	Mr.V.Senthilraja Asst.Prof/Mech JSRGI Tirupur Mr.G.Selvakumar Asst.Prof/Mech JSRGI Tirupur
12.09.15	Workshop on Engineering Graphics	Mr.S.Rajkumar HOD/Mech JSRGI Tirupur
12.09.15	Workshop on Engineering Graphics	Mr.B.Saravanan Asst.Prof/Mech JSRGI

		Tirupur
07.08.15	Workshop on Advanced Welding Technology	Mr.A.Peramanan Asst.Prof /Mech JSRGI Tirupur
07.08.15	Workshop on Advanced Welding Technology	Mr.N.Thangavel Asst.Prof/Mech JSRGI Tirupur
CAREER GUIDANCE BASED ENRICHMENT PROGRAMMES		
14.04.11	Guest Lecture on " Entrepreneurship skills"	Mr.T.A.B . Barathi Vice Chairman, Chennai Branch, Indian Institute Of Materials Management,Chennai.
02.05.11	Soft Skill Training Programme	Mr.Suju Thomas Soft Skill Trainer
12.08.12	Guest Lecture On Entrepreneurship Development	Mr.S.Bharathi Mahindra Sathyam Bangalore
18.10.12	"How to Become successful Entrepreneur"	Mr.T.K.Karuppanasamy MD,Bharani Hydraulics, Coimbatore
13.01.12	"Entrepreneurial Competencies"	Mr.K.M.Subramaniam K.M.Knitwears Tirupur
25.09.12	Seminar On Self Motivation	Prof. Arivudainambi ISTE Section Managing Committee Hosur
13.01.12	Guest Lecture on 'The Success Story of Indian Entrepreneurs"	Dr.K.Balasubramaniam CEO & Director ,MBA Sapthagiri College of Engineering Dharmapuri.

08.09.12	Personality Development Programme & EDP	Mr.k.Parivallal CEO DMW CNC Centre , Erode
06.10.12	Opportunities for thriving Entrepreneur	Mr.R.Rajagopal, Lead district Manager, Tirupur.
10.12.12	Entrepreneurship Development	Mr. Valen Thanagaraj & Mr.R.Saravanan , Frendz Trading,Erode
8.03.13	ED –Guest Lecture "Rejuvenation in Entrepreneurship"	Mr.P Velusamy, CEO,Vipinco Innovations, Tirupur.
12.08.13	Personality Development Programme & Motivational speech	Mr.T.Murali MD,Sparkles Aptitute Trainner,Chennai.
16.10.13	Guest Lecture on " Successful Entrepreneurs"	Mr.Indar Sarath Head, ERP Wheels India,Chennai
28.01.14	"Personality Shore-up"	Dr. R. Karupusamy, Director, Management Studies, Nehru Institute of Technology, Coimbatore.
03.07.14	One day seminar on placement training	MR.P.Sundaraman Vice President and Head Air-suspension division Wheels India limited, Chennai.
31.07.14	"Investor Awareness Programme"	Mr.Sivadhasan, Asst.Registrar of Companies, Coimbatore.
22.08.14	"Secrets of success-To be an Successful Person"	Dr.Paul Sunder Kirubakaran MBA., M.Com., M.C.S., M.Phill PGDPM&LL., PGDCA., Faculty in International Business Administration, College of Applied ScienceNizwa, Sultanate of Oman.

16.09.14	"Professional Skill Development"	Dr.A.Tamilarasu, Associate professor, Department of Cooperatives(ICDS), Ambo University, Ambo-Ethiopia, East Africa.
20.10.14	Job Opportunities for MBA students	Mr.Ashok, CA, Coimbatore
01.12.14	Industrial Visit	Tex Valley, Erode
16.02.15	"Facing Interview and Personality Development"	Dr. R.T.Saroja Professor in Education, Mother Teresa University, Kodaikannal.
02.09.15	"Self Development"	T.S.Maniam, TS Maniam and Associates, CBE.
11.09.15	"Importance of Goals"	Mr.Swami Viswanathan, Trainer,HR and Project Manager, Salem.
18.09.15	"Channelizing your thoughts"	P.V.Sriraman,CEO, Green Whispers, Chennai.

33. Teaching methods adopted to improve student learning

➤ Chalk and Board.

➤ Power Point Presentation

➤ NPTEL and Tutorials classes are arranged for the students to enrich their knowledge in the subjects

➤ Case Study Method

➤ Group Discussion Method

➤ Assignments are given to the students periodically to develop their skills in solving the problems in analytical subjects.

➤ Guest lectures, in-plant training and industrial visits arranged for the students in order to update theoretical and practical knowledge in the field of mechanical engineering

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

➤ National Service Scheme (NSS)

➤ Entrepreneur Development Cell (EDC)

➤ Fine Arts & Humor Club

➤ Quality Improvement Cell (QIC)

➤ Red Ribbon Club (RRC)

➤ Social Responsibility Club (SRC)

- ➢ Technical Business Incubation Cell (TBI)
- ➢ Youth Red Cross (YRC)

35. SWOC analysis of the department and Future plans

STRENGTH

- ➢ Strong Industry Institute Interaction and Well equipped laboratory facilities.
- ➢ Good library facilities
- ➢ Staff and students are actively participated in workshops, conferences, symposium, faculty development program Conducted in other institutions

WEAKNESS

- ➢ Insufficient publications in high impact factor journals
- ➢ Lack of patent

OPPORTUNITIES

- ➢ Increased focus on higher education
- ➢ Focus on Students project internship in industries

CHALLENGES

- ➢ Improving Placement more in Core Companies.
- ➢ Bringing more Entrepreneurs.
- ➢ Students with rural background

FUTURE PLANS

- ➢ University approved research centre
- ➢ Increasing consultancy activities in the department
- ➢ Getting government/DRDO/DST funded project

DEPARTMENT OF MANAGEMENT STUDIES

1. Name of the department: School of Management Studies

2. Year of Establishment: 2010

3. Names of Programmes /Courses offered

PG- Master of Business Administration

4. Names of Interdisciplinary courses and the departments / units involved:

Sub Code	Interdisciplinary courses	Year/ Sem	Departments Involved
BA7102	Statistics for Management	I/I	Science and Humanities
BA7108	Written Communication	I/I	Science and Humanities
BA7206	Applied Operations Research	I/II	Science and Humanities
BA7301	Enterprise Resource Planning	II/III	CSE

5. Annual/semester/choice based credit system (programme wise):

PG: MBA– Semester based Credit system

6. Participationofthedepartmentinthecoursesofferedbyotherdepartments

Sub Code	Name of the course	Year/Sem	Name of the Department
MG2452	Engineering Economics And Financial Accounting	IV/V	CSE

7. Courses in collaboration with other universities, industries, foreign institutions, etc. NIL

8. Details of courses/programmes discontinued (if any) with reasons: NIL

9. Number of Teaching posts

	Sanctioned	Filled
Professors	1	1
Associate Professors	1	1
Asst. Professors	6	6

Faculty profile with name, qualification, designation, specialization,

(D.Sc./D.Litt./Ph.D./M.Phil.etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr.P.Megaladevi	MBA, M.Com, M.Phill. Ph.D,	Prof /Dean	Finance	16	Nil
Dr.R.Vasuki	MBA, M.Com, M.Phill. Ph.D,	Prof	HR	16	Nil
Mrs.S.Parimala	MBA, M.Com, M.Phill.,	Asst. Prof	Finance	10	
Mr.A.Karthikeyan	BSC., MBA,	Asst. Prof	Marketing & HRM	5	
Mrs.A.Priyalakshmi	MBA, M.Phill.	Asst. Prof	Finance &HR	4	
Ms.V.Suganthi	MBA, M.Com(CA) ,	Asst. Prof	Finance	3	
Mr.P.Thiyagaraja thuran	MBA, ,	Asst. Prof	Finance & Marketing	3	
Mr.M.Gnanasekar	BE., MBA.,	Asst. Prof	HR & Operations	4 months	

11. **List of senior visiting faculty:** NIL

12. **Percentage of lectures delivered and practical classes handled by temporary faculty :** NIL

13. **Student-Teacher Ratio**

Name of the Programme	Student Teacher Ratio
PG	15:1

14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled**

Category	Sanctioned	Filled
Academic Support Staff (Technical)	NIL	NIL
Administrative Staff	NIL	NIL

15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG.

Teaching Faculty	
Qualification	Number
Ph.D	2
MBA	6

Number of faculty with ongoing projects from a)National b) International funding agencies and grants received : NIL

17. Departmental projects funded by DST-FIST;UGC, DBT, ICSSR, etc. and total grants received : NIL

18. Research Centre/facility recognized by the University: NIL

19. Publications:

19 (a) Number of papers published in peer reviewed journals (national / international) by faculty and students

Publication per faculty

S.No.	Name of the faculty	Conference		Journal		Book/monogragh/chapter
		National	International	National	International	
1	Dr.P.Megaladevi	-	2	-	1	1.Technical English-I /ISBN 13:978112196 ISBN 10:1121962998 2.Technical English-II/ ISBN 13:978112196 ISBN 10:1121962998 3.Accounting for Management/ ISBN-978-81-910911-2-12
2.	Dr.R.Vasuki	-	2	-	-	
3.	Mrs.S.Parimala	-	1	-	-	
4.	Mr.A.Karthikeyan	-	2	-	-	

19(b) No. of Papers published in peer viewed journals

S.No.	Name of the Faculty	Title of paper published	Name of the Journal/Volume/ Page number/ Year/ DOI or ISSN	Impact factor
1	Dr. P. Megaladevi	A study on financial performance analysis of the select Paper Company with special reference to Tamil Nadu Newsprint and papers limited	Issue 4, December2015, pp.22-24	Nil

2	Mrs.S.Parimala	1.Stock Prices Movements Acquiring Company on Mergers Announcements Among Service Industries In Indian Market	International Journal Of Research & Business Innovation, November2015,ISSN: 2321 – 5615	Impact Factor 3.4163
		Impact of Mergers and Acquisitions, A Theoretical Framework	Indian Journal of Research, 15th October 2015, ISSN 2250-1991	
		Stock Price Volatility Estimators in Merger Announcement –An Empirical Analysis,	International Journal of Application or Innovation in Engineering & Management (IJAIEM),Nov 2015, ISSN 2319 – 4847	Impact Factor 4.015.

Areas of consultancy and income generated

Academic Year	Name of the Company	Number of faculty Involved	Income Generated (in Rs)
2013-14	Entrepreneurship Awareness Camp (EAC), EDI, Chennai	4	20,000
2013-14	Technology Based Entrepreneurship Development Programme (TEDP), EDI, Chennai	4	2,65,000
2014-15	Entrepreneurship Awareness Camp (EAC), EDI – Ahmedbad	4	20,000

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards…. NIL

22. Student projects

a) Percentage of students who have done in-house projects including interdepartmental/programme: NIL

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: NIL

23. Awards/Recognitions received by faculty and students

Name of the Faculty	Awards
Dr.R.Vasuki	Cash

Certificate of appreciation for producing best academic results

Academic year	No of Faculty
2014-2015	1
2013-2014	3
2012-2013	5

Academic achievements by students

Name of the student	Batch	University Rank	Recognization by Institution
Shobana.V	2010-12	18	Certificate & Cash Award
Malarvizhi.K	2010-12	28	Certificate & Cash Award
Theivamala.R	2010-12	40	Certificate & Cash Award
Divya.S	2011-13	44	Certificate & Cash Award
Shanmuga Preethi B	2013-15	27	Certificate & Cash Award
Srimathi E	2013-15	49	Certificate & Cash Award

Awards in Co-curricular & Extracurricular Activities

S. No.	Name of the student	Organization	Event	Award
2013-2014				
Awards in Co-curricular & Extracurricular Activities				
1	Pavithra.S	Nehru Institute of technology, Coimbatore	Paper presentation	I prize

List of eminent academicians and scientists/visitors to the department

Academic year	List of eminent academicians and scientists	Name of the Event
2012-13	1.Dr.S.Marshal Anthoni Deputy Director-Research, Anna University, Regional Center, Coimbatore. 2.Dr.R.Kasilingam, Reader, Department of Management Studies, Pondichery University. 5.Dr.G.Ramasundaram,	Exploring Research Methods with Practical Application

	Associate Professor, Department of Management Studies, St.Josephs College of Engg., Chennai	
	4.Dr.L.Manivannan, Professor, Department of Corporate Secretaryship Erode Arts College, Erode	
2013-14	Mr.M.Murali, Chief Analyst, Arrya Infostat Technologies. Erode	Cutting Edge Complexity in Research Through SPSS

25. Seminars/Conferences/Workshops organized & the source of funding a) National b) International: NIL

26. Student profile programme/course wise:

<div align="center">

PG – Master of Business Administration

</div>

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2010 - 12	63	42	30	12	86%
2011 - 13	94	82	53	29	85%

27. Diversity of Students

<div align="center">

PG – Master of Business Administration

</div>

Batch	%of students from the same state	%of students from other States	% of students from abroad
2010 - 12	100%	NIL	NIL
2011- 13	100 %	NIL	NIL

28. Howmanystudentshaveclearednationalandstatecompetitiveexaminationssuch as NET, SLET, GATE, Civil services, Defense services, etc.? NIL

29. Student progression

Student progression	Against % enrolled		
	2010 - 12	**2011 - 13**	**2012-14**
UG to PG	-	-	-
PG to M.Phil.	-	-	-
PG to Ph.D.	-	-	-
Ph.D. to Post-Doctoral	-	-	-
Employed •Campus selection •Other than campus recruitment	35	70	65
Entrepreneurship/Self-employment	5	8	7

30. Details of Infrastructural facilities

a) Library

Total no of Titles	Total no of volumes	National Journals[Central Library]	International Journals[Central Library]	VCD (e books)	DVD (NPTEL and other video Lectures)
3543	8517	12	Nil	Nil	Nil

b) Internet facilities for Staff & Students

The Institution has two Internet Service Providers with 24Mbps bandwidth.

1. Name of Internet Service Provider   : BSNL

Available bandwidth   : 10 Mbps

2. Name of Internet Service Provider   :   Reliance

Available bandwidth   : 10 Mbps

c) Class rooms with ICT facility

- 4 LCD projectors are used by the department faculty to provide better interactive teaching methodology.

- LCD projectors are mounted in the tutorial rooms.

- 3 OHPs are available in the department to facilitate better visualization of diagrams & teaching to the students.

- OHPs are used for derivation, problematic based subjects like DE,EC-I,DSP,EMF etc.,

- CCTV cameras are mounted in the class rooms.

31. Number of students receiving financial assistance from college, university, government or other agencies: NIL

32. Details on student enrichment programmes(special lectures/workshops/seminar)with external experts

KNOWLEDGE BASED ENRICHMENT PROGRAMS		
Date	**Name of the Event**	**Resource person**
08.09.12	Personality Development	Mr.Parivallal Tirupur.
08.12.12	Personality development and Motivation	Mr.Bharathi AWS Engineer, MSAT, Bangalore
16.03.13	Essential leaderships Qualities and Managerial Skills for the current Generation	Mr.S.Jothiramalingam, Corporate trainee/ Leadership Coach
16.09.14	Professional Skill Development	Dr.A.Tamilarasu, Associate professor, Department of Cooperatives(ICDS), Omen.
CAREER GUIDANCE BASED ENRICHMENT PROGRAMMES		
28.01.14	Personality Shore-up	Dr. R. Karupusamy, Director, Management Studies, Nehru Institute of Technology, Coimbatore.
16.02.15	Facing Interview and Personality Development	Dr.T.Saroja, Asst Prof Women,s University of Education, Mother Tersa University, Kodaikkanal

33. Teaching methods adopted to improve student learning

a. Chalk and Board.

b. Power Point Presentation

d. Audio-Visual aids (films and videos on subject related topics)

c. Case Study Method

d. Group Discussion Method

e. NPTEL videos

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: NIL

35. SWOC analysis of the department and Future plans

STRENGTH

➢ High Qualified & Dedicated Faculties

➢ Well Equipped Library

➢ Entrepreneurship Guidance based Programs Organized

WEAKNESS

➢ Have to Develop the Institution Industry collaboration

➢ Provide the training for competitive examination

➢ Students have to improve the Participation of Co-curricular Activities and Journal publications

OPPORTUNITIES

➢ Develop the Research lab Along with Industry to Enrich Faculty & students

➢ Opportunities to provide Internship training in Industries

CHALLENGES

➢ Enhance the Students for better Placement

➢ Emphasize the Industrial Expectations to the Students

FUTURE PLANS

➢ To expertise in different domains more consultancy work and research projects are going to be held

➢ Plan to develop industrial relationship with institution to place the student in multinational companies.

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 prepared by the institution after internal discussions, and no part thereof has been outsourced.
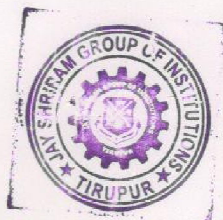
I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Signature of the Head of the Institution

with seal:
Dr. R. Maguteeswaran
Principal
JAY SHRIRAM GROUP OF INSTITUTIONS
Dharapuram Road, Avinashipalayam,.
Tirupur-638660. Tamilnadu.

Place: JSRGI

Date: 15-12-15

Jay Shriram Group of Institutions

(Approved by AICTE New Delhi and Affiliated to Anna University, Chennai)
Dharapuram Road, Avinashipalayam, Tirupur 638 660, Tamilnadu.
Phone : +91 421 2313335 / 6. Fax : 0421-2313337, Cell : + 91 90470 98311
jay.shriram@yahoo.com, www.jayshriram.edu.in.

Certificate of Compliance

(Affiliated/Constituent/Autonomous Colleges and Recognized Institutions)

This is to certify that JAY SHRIRAM GROUP OF INSTITUTIONS fulfils all norms

1. Stipulated by the affiliating University and/or
2. Regulatory Council/Body [such as UGC, NCTE, AICTE, MCI, DCI, BCI, etc.] and
3. The affiliation and recognition [if applicable] is valid as on date.

In case the affiliation / recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Date: 30.1.16
Place: JSRGI

Principal/Head of the Institution
(Name and Signature with Office seal)

Dr. R. Maguteeswaran
Principal
JAY SHRIRAM GROUP OF INSTITUTIONS
Dharapuram Road, Avinashipalayam.
Tirupur-638660. Tamilnadu.