

The Annual Quality Assurance Report (AQAR) of the IQAC

(For Affiliated/Constituent Colleges)

Institutions Accredited by NAAC need to submit Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic Year. The AQAR period would be the Academic Year (July 1, 2017 to June 30, 2018).

Part-A

Data of the Institution

- 1. Name of the Institution** : Easwari Engineering College
- **Name of the Head of the Institution** : Dr.K.Kathiravan
 - **Designation** : Principal
 - **Does the Institution function from own campus** : Yes
 - **Phone no./Alternate phone no.** : +91 44-4392 3022 /
91 – 44 - 2249 0853,
2249 5420, 4392 3041
 - **Mobile No.** : +91 9840842514
 - **Registered e-mail** : principal@srmeaswari.ac.in
 - **Alternate e-mail** : eec.dean@srmcampus.org
 - **Address** : Bharathi Salai, Ramapuram
 - **City/Town** : Chennai
 - **State /UT** : TamilNadu
 - **Pin Code** : 600089
- 2. Institutional Status :**
- **Affiliated /Constituent** : Affiliated

- **Type of Institution** : Co-Education
- **Location** : Urban
- **Financial Status** : Self-Financing
- **Name of the Affiliating University** : Anna University, Guindy,
Chennai- 600025
- **Name of the IQAC Co-Ordinator** : Dr. G.S.Anandha Mala
- **Phone No.** : 044-43923114
- **Alternate Phone No.** : -
- **Mobile** : +91 9444240842
- **IQAC e-mail address** : eec.iqac@ srmcampus.org
- **Alternate Email Address** : eec.iqac@gmail.com

3. Website Address (Web-link of the AQAR) :

http://cdn.xtracut.com/srmeaswari/2018/06/30150237/2017-2018-TNCOGN20426_ECSC06AA009-30-06-2018_Easwari-Engineering-College-Chennai-Tamil-Nadu.doc

4. Whether Academic calendar prepared during the year? Yes

Weblink: <http://srmeaswari.ac.in/academic-calendar/>

5. Accreditation Details:

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	2.85	2015	May 01,2015 to April 30, 2020
2	1 st Cycle (Reassessment)	A	3.10	2017	October 2017 to October 2022

6. Date of Establishment of IQAC: 10.06.2006

7. Internal Quality Assurance System:

7.1 Quality initiatives by IQAC during the year for promoting quality culture

Title of the quality initiative by IQAC	Date & duration	Number of participants/beneficiaries
IQAC Meeting	24.04.2018 1 day	25
Orientation Programme for administrative staff on “Innovative Process for Better Administration for Institute and Departments”	03.04.2018 1 day	50
Refresher Course for Teaching Faculty on “Teaching Learning and Evaluation”	17.03.2018 1 day	100
Awareness programme for students on “Self Employment”	14.03.2017 1 day	50
Dissemination of information to students like summer / winter school, Refresher Course, Hackathon, workshop etc.,	21.03.2018 One Complete semester	All students of the college
List of Students Participating in the Project contest Sponsor: industry / college / Govt. / inter disciplinary Category: Research / review / survey / others	College Sponsor 01.03.2018 1 day	Project contest by EEE department
Applied for UGC fund for conducting faculty development programme	15.03.2018	Applied for a Workshop (UGC) on April 19 th 2018
Plan / Status of Consultancy Work in the Department	19.02.2018	Completed the consultancy work by the following departments: Mechanical -Rs.50,000 IT-Rs.10,000 Civil – Rs.40,000 MBA –Rs.30,000 & Rs.5,000
Academic Audit	2 audits per Semester	All Departments

Title of the quality initiative by IQAC	Date & duration	Number of participants/beneficiaries
ISO Upgradation	26 th & 27 th March 2018 2 days	College
NBA	06 th to 08 th October 2017 2 days	1. Civil Engineering 2. Computer Science and Engineering 3. Electronics and Communication Engineering 4. Electrical and Electronics Engineering 5. Electrical and Instrumentation Engineering 6. Information Technology 7. Mechanical Engineering

8. Provide the list of funds by central / State Government-

UGC / CSIR / DST / DBT / ICMR / TEQIP / World Bank / CPE of UGC etc.,

Sl. No.	Institution / Department / faculty	Scheme	Funding Agency	Year of award with duration	Amount
1.	Principal	FIST Program	DST	-	100 Lakhs
2.	Dr.G.S.AnandaMala Dr.K.M.AnandKumar	Device Development Programme	DST	2 years	20 Lakhs
3.	Dr. E. Kaliappan	FDP	AICTE	15 days	5.91 Lakhs
4.	Dr. K. Rahimunnisha	FDP	AICTE-ISTE	15 days	3 Lakhs
5.	All Engineering Departments	Student project	Tamil Nadu State Council of Science and Technology	6 months	Rs.39,000

9. Whether composition of IQAC as per latest NAAC guidelines: Yes

(Uploaded the latest notification of formation of IQAC in the website)

<http://cdn.xtracut.com/srmeaswari/2018/03/30140645/7th-IQAC-meeting.pdf>

10.No. of IQAC meetings held during the year: 2

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website: Yes

(Uploaded the minutes and action taken report in the website)

<http://cdn.xtracut.com/srmeaswari/2018/03/30140645/7th-IQAC-meeting.pdf>

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No, Applied for a Workshop (UGC) on April 19th 2018.

12. Significant contributions made by IQAC during the current year.

The Internal Quality Assurance Cell (IQAC) of the college has taken initiatives in preparing the perspective plan by collecting inputs from all stakeholders, their expectations, management policies and goals and objectives of the college. Internal Quality Assurance Cell ensures the quality of the teaching-learning process and its outcome through internal and external audits conducted at regular intervals. Followings are the significant contributions made by IQAC during the year 2017-18

- NBA – 7 UG programmes are accredited by NBA for 3 Years
- NAAC Reaccreditation – Institution is accredited with ‘A’ grade
- ISO Upgradation – Institution is ISO 9001:2015 certified as on 27.03.2018
- Rs.100 Lakhs Fund sanctioned from DST through FIST
- All India Placement Ranking Survey in TIMES OF INDIA-18th Place

13. Plan of action chalked out by the IQAC in the beginning of the Academic Year towards Quality Enhancement and the outcome achieved by the end of the Academic year.

Plan of Action	Achievements
IQAC has chalked out the events of current academic year before the Commencement of the same.	As the events at college level and department level are well planned, the effective execution of events is achieved.

14. Whether the AQAR was placed before statutory body? Yes

Name of the Statutory body : Governing Council Meeting

Date of the Meeting(s) : 28.10.2017 & 07.04.2018

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning?

Yes

Date: NBA October 6th to 8th 2017

16. Whether institutional data submitted to AISHE:

Year: 2018

Date of submission: 07.02.2018

17. Does the Institution have Management Information System?

Yes, the Institution has Management Information System-Impress ERP

The completed modules are

- Students Attendance – Daily, Weekly, Monthly and consolidated reports
- Faculty Lesson Plan and Notes of lesson
- Faculty Profile : Basic and Additional
- Mentor allocation and Counseling
- Hostel Attendance
- Course entry, Subject allocation and Time table
- Students Profile
- Institution test : Result Analysis and Comparative Analysis
- University Result Analysis
- Online Feedback
- Department event details entry
- User creation, User management and user right settings
- Auto mail generation
- SMS
- Students Progress report generation
- Payroll (HR department)

Currently working on:

- Accounts
- Billing
- Stock
- Inventory
- Online Exam
- Placement
- Security Monitoring

CRITERION I - CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

1.1.1 Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The institution has developed and practices its extensive action plan for effective implementation of the curriculum through the following measures: Planning of Academic Calendar well in advance at the college level which includes overall details of the activities of the academic year. At the department level, semester plan is prepared which consists of all the activities such as reopening date, assessment schedules, feedback, number of working days and tentative schedule of university examinations. Schedule of department activities is prepared which includes industrial visits, guest lectures and department newsletter. Subject allotment based on proficiency matrix, experience and performance of the faculty in previous years. Time table framed with provision for Value Added Courses(VAC), placement and training , tutorial and class test. Preparation of lesson plan, question bank, lab manuals well in advance. Prior to the commencement of classes, individual lesson plans are prepared for each subject that is offered during the semester. Lecture notes are also prepared in advance and senior faculty experts contribute by reviewing the same.

Allocation of subject, preparation of lesson plan and lab manuals is done at the beginning of the semester. Monitoring of course delivery and syllabus completion is done through class committee meetings, feedbacks and regular academic audits. Also a class advisor is appointed to monitor the conduct of classes and student performance. Systematic examination process, standard question papers, proper and prompt evaluation and periodical dispatch of reports to parents. Readiness of the laboratory as per the requirements of the curriculum is ensured. This is done for purchasing consumables as approved in the budget. Effective delivery in analytical subjects is ensured by conducting tutorial classes as per time table. During tutorial classes, each class consisting of 60 students are divided into 3 classes (20 students per class) and an exclusive teacher is allotted for every 20 students.. Availability of text books, reference books and journals in the library is ensured for the effective course delivery. Also special audio visual room is available in the library to help the students to listen to the lectures delivered on the subjects by experts from Anna University through web telecast.

Course Implementation

Class committee meetings: Every department in our college conducts three class committee meetings per semester to know the requirements of the students and to ensure the achievement of curriculum as prescribed by the Affiliating University. Chairperson of each class and HOD will preside over the meeting.

Class Tests and its analysis: The college conducts class test in the first hour everyday to effectively evaluate the students' understanding level in each topic of the curriculum.

Three Assessments/Semester: The college conducts three assessment tests per semester to analyse the students' understanding of curriculum. Analysis is made for each test and remedial actions are being taken for the poor performing students.

Assignments: University is allotting tutorial classes for the analytical papers as per the credits. Tutorial classes will be handled by three of the teachers as prescribed in the time table. Assignments done by the students help them in clear understanding of difficult topics of the subjects.

Special Classes: The slow learners will be given special coaching classes to improve their performance. Soft skill training and value added course were the additional efforts to impart the contents beyond syllabi. Technical Quizzes are conducted during Technical activity period. Edusat Programme from Anna University is arranged during their library period.

1.1.2 Certificate/ Diploma Courses introduced during the Academic year 2017-2018

Name of the Certificate Course	Name of the Diploma Courses	Date of Introduction and Duration	Focus on Employability / Entrepreneurship	Skill Development
Department of Automobile Engineering				
NIL				
Department of Civil Engineering				
Reinforced Concrete Road Bridges	NPTEL	4 weeks	Employability	Skill development
Project planning and control	NPTEL	8 weeks	Entrepreneurship	Skill development
Reinforced Concrete Road Bridges	NPTEL	4 weeks	Employability	Skill development
Introduction to research	NPTEL	8 weeks	Entrepreneurship	Skill development
Structural analysis I	NPTEL	12 weeks	Employability	Skill development
Design of reinforced concrete structures	NPTEL	12 weeks	Employability	Skill development
Principles of Construction Management	NPTEL	8 weeks	Entrepreneurship	Skill development
Reinforced Concrete Road Bridges	NPTEL	4 weeks	Employability	Skill development

Name of the Certificate Course	Name of the Diploma Courses	Date of Introduction and Duration	Focus on Employability / Entrepreneurship	Skill Development
Department of Computer Science and Engineering				
Biology For Engineers and Other Non-Biologists	-	4 WEEKS	employability	This course is designed to convey the essentials of cell and molecular biology. Students can able to develop their skills by applying concepts in various engineering techniques.
Cloud Computing	-	8 WEEKS	employability	This will help students (both UG and PG levels) and researchers to use and explore the cloud computing platforms.
Machine Learning Techniques	-	8 WEEKS	employability	Students can able to learn different Machine learning Techniques.
Introduction to Modern Application Development	-	8 WEEKS	employability	Modem Application development
Design and analysis of algorithm	-	8 WEEKS	employability	Sorting and search, Algorithms on graphs: exploration, connectivity, shortest paths, directed acyclic graphs, spanning trees.
Information security - IV.	-	8 WEEKS	employability	Information Security in Networks.
Programming, Data Structures and Algorithms in Python	-	8 WEEKS	employability	Students can able to apply different concepts of data structures in python.
Real Time Operating System	-	8 WEEKS	employability	Gain Knowledge in Operating system concepts.

Name of the Certificate Course	Name of the Diploma Courses	Date of Introduction and Duration	Focus on Employability / Entrepreneurship	Skill Development
Data Base Management System	-	8 WEEKS	employability	Students can gain information about data base connectivity, and sql queries.
Department of Electronics and Communication Engineering				
ICT based Instructional Design and Delivery for Outcome Based Education		14.05.18 to 19.05.18 (Six days)	employability	ICT based Teaching
Antenna Design and Microwave Circuits	-	12.03.18 and 13.03.18 (Two days)	employability	Antenna Design
Mind Control Robotics	-	14.9.18	employability	Robot Design
MATLAB Interface with Arduino	-	03.01.2018 and 04.01.2018 (Two days)	employability	MATLAB programming
Department of Electrical and Electronics Engineering				
Orientation program in Entrepreneurship	-	12/03/18 10 days	Yes, it is the course on Entrepreneurship	Students gained fundamental knowledge about relevant knowledge and development Entrepreneurship
NPTEL- Power System Analysis NPTEL- Technical English for Engineers NPTEL- Advances in UHV Transmission and Distribution NPTEL- Control Engineering NPTEL- Power	-	12 weeks / 8 weeks	Focus on employability	Gained relevant knowledge and development of relevant skills of their domain.

Name of the Certificate Course	Name of the Diploma Courses	Date of Introduction and Duration	Focus on Employability / Entrepreneurship	Skill Development
System Engineering NPTEL- Electromagnetic Theory				
Department of Electronics and Instrumentation Engineering				
Yokohowa	-	02-07-2017/5 days	To meet out the industrial requirement. Improving the attitude and aptitude which will enhance placement probability of students.	To improve the technical skill and competency skill
Department of Mechanical Engineering				
3D Printing Techniques		19-01-2018 One Week	Employability	CAD/CAM/ CAE
NPTEL		4week / 8week / 12week	Employability	Technology
Department of Information Technology				
NPTEL- Introduction to Modern Application Development	NIL	July 2017- September 2017	employability	Skill Development
Cloud Computing	NIL	August 2017- October 2017	employability	Skill Development
Department of Master of Business Administration				
Supply Chain Management		January 2018 (8 weeks)	Employability	Skill Development
Financial Analysis & Reporting		January 2018 (8 weeks)	Employability	Skill Development
Corporate Social Responsibility		August 2017 (4 weeks)	Employability	Skill Development

1.2 Academic Flexibility

1.2.1 New programmes/courses introduced during the Academic year 2017-2018

Programme with Code	Date of Introduction	Course with Code	Date of Introduction
Nil			

1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the Academic year. 2017-2018

Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
B.E	Auto		June 2017		
B.E	Civil		June 2017		
B.E	CSE		June 2017		
B.E	EEE		June 2017		
B.E	ECE		June 2017		
B.E	EIE		June 2017		
B.E	MECH		June 2017		
B.Tech	IT		June 2017		
MBA		✓	June 2017		
M.E		CSE	June 2017		
M.E		CS	June 2017		
M.E		ED	June 2017		
M.E		SE	June 2017		
Already adopted (mention the year)					

1.2.3 Students enrolled in Certificate/ Diploma Courses introduced during the year 2017-2018

	Certificate Courses	Diploma Courses
No of Students	261	Nil

1.3 Curriculum Enrichment

1.3.1 Value-added courses imparting transferable and life skills offered during the year 2017-2018

Value added courses	Date of Introduction	Number of students enrolled
Department of Automobile Engineering		
Auto CADD	26.06.2017	51
CATIA	26.06.2017	62
MATLAB	26.06.2017	59
ANSYS	26.06.2017	61
Department of Civil Engineering		
Primavera	December 2017	134
Etabs	July 2017	131
Revit	July 2017	101
Archicadd	September 2017	110
Department of Computer Science and Engineering		
Web Design	22.08.2017	120
Python Programming	26.06.2017	116
CCNA	26.06.2017	118
HADOOP	26.06.2017	134
Department of Electrical and Electronics Engineering		
ORCAD	August 2017	118
C,C++ & JAVA	24th And 27th To 30th	103
MATLAB	24th And 27th To 30th	110
ROBOTICS	24th To 28th July' 17	144
Department of Electronics and Communication Engineering		
PYTHON	26.06.17 to 30.06.17	187
CCNA	26.06.17 to 30.06.17	187
LABVIEW	26.06.17 to 30.06.17	176
PYTHON Programming	04.09.17 to 24.04.18	150
Department of Electronics and Instrumentation Engineering		
Industrial Automation	02.07.2017	113
Labview	02.07.2017	87
Java	02.07.2017	103
C,C++	02.07.2017	100
Department of Mechanical Engineering		
AUTOCAD	22.08.2017	160
CREO	18.06.2017	211

Value added courses	Date of Introduction	Number of students enrolled
ANSYS	18.06.2017	198
HYPERMESH	18.06.2017	210
Department of Information Technology		
Web Designing	21.08.17	113
Python	24.06.17	121
CCNA	24.06.17	101
Hadoop	10.07.17	126
Department of Master of Business Administration		
SAS	30.09.2017	107
SAS	10.07.2017	108

1.3.2 Field Projects / Internships under taken during the year 2017-2018

Project / Programme Title	No. of Students Enrolled for Field Projects / Internships
Department of Automobile Engineering	
Maintenance Management , Rambal Limited	1
Manufacturing process, castwel Autoparts	2
Assembling line process, Royal Enfield	1
Automobile Maintenance, Kumar Auto works	1
Assembling line process, Hyundai Motor India Limited	4
Manufacturing process, Integral Coach factory Factory	5
Department of Civil Engineering	
UG – In plant Training/ Internships	32
PG – Practical Training/ Internships	32
Department of Computer Science and Engineering	
Java Programming- NEW GEN/	4
Operating System Development-EMBEDUR	3
Java Programming, DBMS- ZOHO	1
Python Programming- Whirlidatascience	2
Java Programing- Byju's	1
Data Scrapping -Waffor Inc.	2
PHP & Basics.- HVF,AVADI	4

Project / Programme Title	No. of Students Enrolled for Field Projects / Internships
IOT-Genetics	1
Java, Big Data, Android- HP enterprise (velachery)	5
Java Programming-HCL Career Development center	1
Networks -Kaashiv Infotech	1
Java Programming -vishwak	1
Department of Electrical and Electronics Engineering	
Internship at (BYJUS) Think and Learn Pvt. Ltd	02
Training at Systech Pvt. Ltd	01
Internship at Econ-Systems	01
Internship at Valued Epistemics GRE EDGE Pvt.Ltd	01
Internship at Health Sensei Pvt. Ltd	01
Internship at Schnieder Electric Pvt. Ltd	01
Internship at Tata Consultancy Services Pvt. Ltd	01
Field Project at National Institute of Ocean Technology	01
Department of Electronics and Communication Engineering	
Networking - Internship	21
Study and implementation of private GSM network for disaster management and detection of toxic gases	03
Crop field protection and animal intrusion detection system	03
CO2 Monitoring in Vehicles and Providing Automatic Ventilation Using IoT	03
Smart Phone Based Self Management System For Real Time Health and Medication Monitoring	03
Smart vehicle accident system detection and reporting system	03
Department of Electronics and Instrumentation Engineering	
Smart tracking and nautical border alert system	04
Anaesthesia infusion in feedback control system	04
Drone aid – and arial medical assistance	04
Reconfigurable on board diagnostics	04
SBC based PLC	04
Fisherman welfare and security using RSSI and IoT	04
IoT based power management ,theft detection and power and optimization	04

Project / Programme Title	No. of Students Enrolled for Field Projects / Internships
Modern predictive climatology in airports	04
Detection and automatic removal of choke in sewage pipelines	04
IoT based metro water management	04
Smart Swimming pool conditioning system	04
Design of safety enhancement of asphalt pump using PLC with HMI	04
Department of Mechanical Engineering	
Internship	35
Department of Information Technology	
Internship- work freaks consultants Internship on python and IOT	12
Department of Master of Business Administration	
Summer Training At Sree Sai Enterprises	1
Summer Training At Dvine Event Management	1
Summer Training At T2t Designs Pvt Ltd	1
Summer Training At Uber 9 (Vakilsearch)	5
Summer Training At Randstad	1
Summer Training At State Bank Of India	2
Summer Training At Randstad	1
Summer Training At Chennai Port Trust	6
Summer Training At Nordic India Solutions Pvt Ltd	2
Summer Training At Credo Capital	1
Summer Training At Aruna Clothing Company	1
Summer Training At Indian Oil Corporation Limited	4
Summer Training At Flsmidth Pvt Ltd	1
Summer Training At Sri Sysytems Network India Pvt Ltd	1
Summer Training At Ashok Leyland	2
Summer Training At Sakthi Engineers	1
Summer Training At Lycatel Bpo	2
Summer Training At Brakes India Pvt Ltd	3
Summer Training At Jammu And Kashmir Bank Ltd	1
Summer Training At Capital Honda	1
Butterfly Gandhimathi Appliances Limited	1

Project / Programme Title	No. of Students Enrolled for Field Projects / Internships
Summer Training At Techno Fab	1
Summer Training At Madras Management Association(Mma)	5
Summer Training At Transcar-Mercedes Benz	2
Summer Training At Visvadaya Fashionerrss	1
Summer Training At Bharti Axa Life Insurance	1
Summer Training At Appasamy Associates	3
Summer Training At Ai Optics Pvt Ltd.	2
Summer Training At Akshaya Pvt Ltd	1
Summer Training At Hyundai Engineering Plastics Pvt Ltd	1
Summer Training At Detroit Engineered Products India Pvt Ltd	1
Summer Training At Mahendra Home Finance	1
Summer Training At Tide Water Oil Co (India) Ltd	1
Summer Training At Butterfly Gandhimathi Appliances Limited	1
Summer Training At Vishakhapatnam Steel Plant(Rinl)	1
Summer Training At Divine Event Management	3
Summer Training At St Courier	1
Summer Training At Compass Groups	1
Summer Training At World Vision India	2
Summer Training At Emmvee Granite Exports	1
Summer Training At The Startup Zone	1
Summer Training At Signware Technologies	1
Summer Training At Sooriya Hospital	1
Summer Training At Eco Maxet India Pvt Ltd	1
Summer Training At Anabond Ltd	1
Summer Training At Max Fashion	2
Summer Training At Cholamandalam Financial And Investment Company	1
Summer Training At Hotel Vasantham	1
Summer Training At Sri Lakshmi Beverages	1
Summer Training At Aavin	2
Summer Training At Chennai Metro Rail Limited	1
Summer Training At Anabond Ltd	2
Summer Training At Maruti Suzuki	2

Project / Programme Title	No. of Students Enrolled for Field Projects / Internships
Summer Training At Cauvery News Channel	2
Summer Training At Vendhar TV	1
Summer Training At Skylark Hr Solution	1
Summer Training At Ti Cycles	1
Summer Training At T,K Bemas Enterprises	1
Summer Training At Chennai Metro Corporation Limited	1
Summer Training At Jeyanth Logistics Private Limited	1
Summer Training At Volkswagen Auto, Abra Motors Ltd.	2
Summer Training At Teknomec Technologies	1
Summer Training At The Startup Zone	1
Summer Training At Sakthi Engineers	1
Summer Training At Sree Sai Enterprises	1
Madras Management Association	1
Summer Training At CaddCamm Solutions	1
Summer Training At Roselin Enterprises Pvt Ltd	1
Roselin Enterprises Pvt Ltd	1
Summer Training At Tamilnad Mercantile Bank Ltd	1
Summer Training At Lic Of India	1
Summer Training At Sedin Technologies Pvt.Ltd	1
A Study On Financial Performance Of Kudankulam Nuclear Power Plant, Tirunelveli District	1
A Study On Impact Of Tnsc Retail Banking On Customer Satisfaction	1
A Study On Job Engagement At Appasamy Associates,Chennai	1
A Study On Customer Perception On Imports And Exports Towards Trinity's Clearing And Shipping Agencies,Chennai	1
A Study On Impact Of Digitalization Process At Cavinkare-Trends In Vogue Pvt.Ltd.,Chennai	1
A Study On Work Life Balance Of Employees In Nokia Solution And Networks India. Pvt. Ltd ,Chennai	1
A Study On Training Need Identification Altim Info System Pvt Ltd,Chennai	1
A Study On Stress Management At Nostalgia Global Services, Chennai	1

Project / Programme Title	No. of Students Enrolled for Field Projects / Internships
A Study On Employee Job Satisfaction At P.J.P Enterprises,Chennai	1
A Analytical Study About The Impact On Employer Branding Through Talent Retention & Motivation In Cholamandalam Ms General Insurance Ltd, Chennai	1
A Study On Financial Analysis In Repco Home Finance,Chennai	1
An Analytical Study Of Performance Management System at Randstad India Private Limited,Chennai	1
A Study On Investors Perception Towards Reliance Mutual Funds,Chennai	1
A Study On SWOT Analysis On Trinity's Clearing And Shipping Agencies,Chennai	1
A Study On Talent Management And Retention Level Of Employees At Fiattrain Consultancy Pvt.Ltd,Chennai	1
A Study On Reduction Of Wage Cost By Process Reengineering At Elcomponics Sales Pvt Ltd , Chennai	1
A Study On 8 P's Of Marketing Strategy at Raf Infotech, Chennai.	1
A Study On Analysis Of Equity Schemes In Sbi Mutual Funds,Chennai	1
A Study On Effect Of Job Stress On Work Life Conflict & Job Outcomes Of Employees In Aai	1
A Study On Loans And Advances At Tnsc Bank,Chennai	1
A Study On Job Satisfaction At Lycatel BPO,Chennai	1
A Study On Mutual Funds And Factors Influencing Investment Decision Of Retail Investors In Mutual Funds,Chennai	1
A Study On Employees Performance Appraisal System At Edufic Digital Pvt Ltd,Chennai	1
A Study On Factors Influencing Employee Turnover In Lanson Toyota Motors, Chennai	1
A Study On Dealers Relationship Management At Techno Fab Pvt.Ltd.,Chennai	1
A Study On Impact Of Gst In Small And Medium Enterprises, Chennai	1
A Study On Effectiveness Of Before And After Sales At Bajaj Motors,Chennai	1
A Study On Work Life Balance And Its Influence On Employee Satisfaction Lanson Toyota Motors Pvt Ltd,Chennai	1

Project / Programme Title	No. of Students Enrolled for Field Projects / Internships
Service Quality Gap Analysis In Tamilnadu Status Apex Cooperation Bank,Chennai	1
A Study On Work Life Balance Of Employees At Techno Fab,Chennai	1
A Study On Financial Analysis Of Tamil Nadu State Apex Cooperative Bank Ltd, Chennai	1
An Analytical Study About Perceptions Of Capital Market Investors Over Financial Derivatives In Adroit Financial Services Pvt.Ltd.	1
A Study On Analyzing Customer Satisfaction On Oyo Rooms,Chennai	1
A Study On Effective Utilization And Challenges On Air Frieight Transportation And Logistics In Sr Freight ,Chennai	1
A Study On ERP Dynamics Ax 2012 At Microsoft ,Shanghai	1
A Study On Consumer Buying Behaviour Towards Otto Clothing,Pvt,Ltd,Chennai	1
A Study Based On Training Need Analysis At Covenant Consultants,Chennai	1
A Study On Motivational Techniques And Morale Of Employees With Reference To Htc Global Services,Chennai	1
A Study On Reducing Patient Waiting Time In Outpatient Department Of Little Flower Hospital,Nagercoil	1
A Study On Effectiveness Of Social Media In Recruitment Randstad India Private Limited ,Chennai	1
A Study On Working Efficiency In Material Handling For Assembly Plant-1 At Hyundai Motor India Limited, Chennai	1
A Study On Performance Appraisal At Chennai Metco,Chennai	1
A Study On Customer Satisfaction Of Finolex Cables Pvt Ltd, Chennai	1
A Study On Levels Of Employee Satisfaction At Oberoi Flight Services,Chennai.	1
Study On Employee Retention In Cooper Lybranth,Chennai	1
A Study On Employee Skill Matrix At M.V.M Perfect Tool Makers Pvt Ltd,Chennai	1
A Comparative Study On Occupational Stress Among The Employees Of Hr Department In Htc Global Services,Chennai	1
The Study On Impact Of Motivation On Employee Performance	1

Project / Programme Title	No. of Students Enrolled for Field Projects / Internships
At Avant Grade Engineers And Consultants,Chennai	
A Comprehensive Study On Turnover Retention At Covenant Consultants.Chennai	1
Job Satisfaction At Ads Enterprises At Ads Enterprises ,Chennai	1
A Study On Credit Risk Management At Tnsc Bank,Chennai	1
A Study On Risk Management In Adhitya Financial Services,Chennai	1
A Study On Marketing Strategy Towards Appasamy Associates, Chennai.	1
A Study On Effectiveness Of Wireless Technology In Warehouses At P.J.P .Enterprises ,Chennai	1
A Study On Job Stress And Its Impact On Job Performance In Cholamandalam General Insurance Company, Chennai	1
A Study On Women's Work-Life Balance In Fiatriain Consultancy Private Limited.Chennai	1
A Study On Effective Management Of Casual Laborers At Klt Automotive,Chennai	1
A Study On Effectiveness Of Training Programme In Organization At DLK Technologies, Chennai	1
A Study On Brand Awareness At Ktv Health Food Pvt Ltd,Chennai	1
A Study On Customer Awareness Towards Savery Transport Finance Company	1
A Study On Financial Performance Analysis At Hi Tech Chemicals, Dindigul	1
A Study On Customer Perception On Deposits Schemes Of Repco Bank	1
A Study On Housing Loans At Tnsc Bank,Chennai	1
A Study On Employee Motivation In Airports Authority Of India, Chennai	1
A Study On Consumer Behaviour In Ktv Health Food Pvt Ltd,Chennai	1
A Comprehensive Study On Employee Attrition And Identification Of Retention Techniques In Covenant Consultants	1
A Study On Financial Performance Analysis With Reference To Hdfc Bank	1

Project / Programme Title	No. of Students Enrolled for Field Projects / Internships
A Study On Customer Service Quality At Lycatel BPO Pvt.Ltd,Chennai	1
A Study On Employee Attrition Rate In Cholamandalam Business Services Ltd, Chennai	1
A Study On Consumer Purchasing Behaviour Of Mobile Phones Towards Online Shopping At Ninjacart,Chennai	1
A Study On Investors Attitude Towards Saving Schemes In Post Office With Reference At Chennai	1
A Study On Perception Of Employees On CSR Activities In Ellipso Logistics,Chennai	1
A Study On Improving Customer Satisfaction And Retention At Bajaj Motors, Chennai	1
A Study On Customer Perception Towards Internet Banking In TNSC Bank,Chennai	1
A Study On Effectiveness Of Digital Marketing Services At Domain 2 Host,Chennai	1
A Study On Feasibility Of Opening Industrial Laundry Service At Iraise Management Consultants Ltd,Chennai	1
A Study On Employee Engagement In Covenant Consultants,Chennai	1
A Study On Customer Perception Towards Banking Product And Services With Reference To Pallavan Grama Bank ,Kallakurichi	1
A Study On Effectiveness Of Induction Training In Cholamandalam Business Services Ltd, Chennai	1
A Study On Customer Relationship Management On Tnsc Bank, Chennai	1
A Study On Working Capital Management In Bgr Energy Systems Limited, Chennai	1
A Study On Cargo Container Handling In Seaswan Shipping And Logistics,Chennai	1
An Effective Study On Employee Engagement In Ambit- Iqbo, Chennai	1
A Study Of Customer Satisfaction On Supply Of Fruits And Vegetables At Ninjacart,Chennai	1
A Study On Quality Of Worklife In Bot Vfx, Chennai	1
A Study On Aligning Talent Acquisition And Employment Branding With Special Reference To Shriram City Union	1

Project / Programme Title	No. of Students Enrolled for Field Projects / Internships
Limited,Chennai	
A Study On Customers Perception Towards Housing Loans At Mahindra Home Finance.	1
A Study On Expectation Of Prospective Employees In Cooper Lybranth Service Pvt Ltd.	1
A Study On E Learning Impacts Of Byju's On Its Users,Bangalore	1
A Study On Quality Of Worklife In Airports Authority Of India,Chennai	1
A Study On Non-Performing Assets At Tnsc Bank, Chennai	1
A Study On Customer Perception Towards Hyundai Creta,Chennai	1
A Study On Inventory Management At G.Das & Co, Pvt,Ltd,Chennai	1
A Study On Impact Of Transformational Leadership On Job Satisfaction At In22labs, Chennai.	1
A Study On Employee Engagement In Ktv Health Food Pvt Ltd,Chennai	1
A Study On The Problems Faced By Transgenders In Terms Of Education & Employment Opportunities In Chennai City.	1
A Study On Performance Management And Analysis In Cholamandalam Business Services Ltd, Chennai	1
A Study On Performance Appraisal 360 Degree At Vlsa International Services ,Chennai	1
A Study On Employee Retention Strategies At Pageone Technologies, Chennai	1
A Study On Employee Compensation And Benefits At San Software Solutions, Chennai	1
A Study On Retaining The Employee During The Times Of Uncertainty At Tata Tele Services,Chennai	1
A Study On Sports Marketing With Reference To Tamil Nadu	1
A Study On Effectiveness Of Reward System Based Upon Motivational Level Of Employees At Ktv Health Food Pvt Ltd,Chennai	1
A Study On Employee Engagement Activities At Vision Soft Technologies	1
A Study On Effectiveness Of Performance Appraisal Method At Signware Technologies,Chennai	1

Project / Programme Title	No. of Students Enrolled for Field Projects / Internships
A Study On Financial Performance Analysis At Hyatt Regency ,Chennai	1
A Study On Customer Perception On Banking Services In Repco Bank,Chennai	1
A Study On Effectiveness Of Logistics Management Process At Team Logistics And Sr Frieght,Chennai	1

1.4 Feedback System

1.4.1 Whether structured feedback received from all the stakeholders.

1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
Yes	Yes	Yes	Yes	Yes

1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Centralized Online Student Feedback System

The effectiveness of faculty members in content delivery and assessment are evaluated by students through the online feedback system twice a semester. Based on the feedback score, individual faculty is counseled and guided by the Head of the Department. The parameter to which the feedback is provided is as follows: Organization of the subject matter in a logical sequence ,Faculty coming to the class on time and engaging regularly , Preparation made by the faculty on the subject ,Faculty's knowledge on the latest developments in the subject area , Faculty's ability to maintain discipline in the class , Assistance and Counseling offered by the faculty to the needy students ,Faculty's appreciation and feedback on the students' performance ,Ability to take class audibly and clearly , Usage of various methods and materials like OHP, Presentation to take class , Ability to write and draw legibly , Teacher's ability to explain the concepts well and provide adequate examples , Ability of the faculty to give instructions to the students according to their understanding ,Fair and impartial valuation of the answer papers , Regular conduction of assignments, tests and return the answer papers on time

The quality of enrichment programmes is evaluated by analyzing the student feedback

- Based on the feedback analysis and student expectations suitable modules are prepared for enrichment programmes
- Takes corrective actions based on feedback
- By conducting internal quality and Academic audits
- By conducting review meetings

Students' Feedback

Students' feedback on teaching learning process aiming at content delivery is collected

Stakeholders Feedback

Feedback is obtained from stakeholders for checking the fulfillment of the vision, mission and objectives of the Department

Feedback from Department Advisory Committee

- The advisory committee comprising experts from academia and industry is formed by the department for the framing of vision, mission and objectives of the department and assessing the fulfillment of vision and mission on an annual basis.
- The Advisory committee identifies the curricular gaps based on program level CO-PO, CO-PSO matrix and their perceptions
- Industry experts advise on the latest skill requirement in the industries and based on that the OD decides about implementing those skills to the students.
- The curricular gaps identified and the skills to be implemented are communicated to the University through Members of Board of Studies of the department concerned.

Feed Back from Industries

Feedback from the industries is collected whenever industry experts visit the college for campus interview and recommendations made are also communicated to the university through Members of Board of Studies.

CRITERION II-TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1.1 Demand Ratio during the year 2017-2018

Name of the Programme	Number of Seats Available	Number of Applications Received	Students Enrolled
B.E. Automobile Engineering	60	51	51
B.E. Civil Engineering	120	112	112
B.E. Computer Science and Engineering	120	114	114
B.E. Electronics and Communication Engineering	180	155	155
B.E. Electrical and Electronics Engineering	120	109	109
B.E. Electronics and Instrumentation Engineering	120	102	102
B.Tech Information Technology	120	114	114
B.E. Mechanical Engineering	180	162	162
Master of Business Administration	120	108	108
M.E. Structural Engineering	18	18	18
M.E. Communication Systems	18	03	03
M.E. Computer Science Engineering	18	06	06
M.E. Embedded System Technologies	18	01	01
M.E. Engineering Design	18	06	06

2.2 Catering to Student Diversity

2.2.1. Student - Full time teacher ratio (current year data 2017-2018)

Year	Number of Students Enrolled in the Institution (UG)	Number of Students Enrolled in the Institution (PG)	Number of Full Time Teachers Available in the Institution	Number of Full Time Teachers Available in the Institution	Number of Teachers Teaching both UG and PG Courses
2017-2018	4142	142	263	16	65

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data 2017-2018)

Number of Teachers on roll	Number of Teachers Using ICT (LMS, e-Resources)	ICT Tools and Resources Available	Number of ICT Enabled Class Rooms	Number of Smart Class Rooms	E-Resources and Techniques Used
344	344	<ul style="list-style-type: none"> • NPTEL • Anna EDUSAT Programmes • EKLAVYA • UGC Gyan Dharsan • SMART Class Rooms • Animation and Graphics • Open source software such as LINUX, OpenCV, ImageJ, etc 	71	71	<ul style="list-style-type: none"> • e-books • Mind Mapping • Flash cards • Flipped Classes • Z to A approach • Tech Talk • Demonstration of Working Model • Online Test (Aptitude & Technical) • Video Lectures • Motivating students to carry out Socially relevant projects • Role Playing • Quiz • Brain Storming • Discussion Forum • Webinars • E-Learning • Tech forums

2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)

Every 20 students are assigned an academic counsellor from their own department. Students are continuously monitored by the academic counsellor. The academic counsellors are trained on counselling and its techniques by the professional counsellor. All staff members have been assigned as mentor for top 3 students in their department. Those students will be continuously motivated and supported by the mentor to get university rank and excel in their career. The following activities are carried out on monthly basis.

- Suggestions to prepare for difficult subjects for the university examinations
- Counsel the students to clear arrears
- Motivate to face the examination
- Importance of attending special coaching classes
- Significance of being punctual and sincere in attending classes
- Psychological assistance for personal problems

Number of Students Enrolled in the Institution	Number of Fulltime Teachers	Mentor: Mentee Ratio
UG – 4142, PG – 142, Total - 4284	344	1:20

2.4 Teacher Profile and Quality

2.4.1 Number of full time teachers appointed during the year

No. of Sanctioned Positions	No. of Filled Positions	Vacant Positions	Positions Filled during the Current Year	No. of Faculty with Ph.D
77	77	Nil	Professor - 3 Associate Professor – 9 Assistant Professor - 65	13

2.4.2 Honours and recognitions received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised)

Year of award	Name of Full Time Teachers Receiving Awards from State Level, National Level, International Level	Designation	Name of the Award, Fellowship, Received from Government or Recognized Bodies
2017	B.Jesvin Veancy	Associate Professor / ECE	Mentor for the innovative idea “Smart Bus stop” by IET Chennai Local Network

Year of award	Name of Full Time Teachers Receiving Awards from State Level, National Level, International Level	Designation	Name of the Award, Fellowship, Received from Government or Recognized Bodies
2017	Mrs. R. Hema	Assistant Professor/ECE	Mentor Award by IET Chennai Local Network
2017	Dr.S.Sudha	Professor/ECE	“Women Engineering Award ” by IET Chennai Local Network
2017	Dr.K.Kalai Selvi	Professor	Exemplary Teacher Award by IET Chennai Local Network
2017	Dr.V.Saikumari	Professor & HOD (MBA)	Bharat Vikas Award by Institute of Self Reliance
2017	Dr.V. Saikumari	Professor & HOD (MBA)	Women ICON Award by Mastermind Foundation
2017	Dr.V.Saikumari	Professor & HOD (MBA)	Best Teacher Award by MTC Global Foundation
2017-18	Dr.G.S.Anandha Mala	Professor/ CSE	“Outstanding Reviewer” for “Journal of Network and Computer Applications” by Elsevier, Amsterdam, The Netherlands
2018	Dr.S.Sobana	Associate Professor	Dr.A.P.J Abdul Kalam Award for Innovative Research by Society for Engineering Society Enrichment

2.5 Evaluation Process and Reforms

2.5.1 Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester / Year	Last Date of the Last Semester-End/ Year- End Examination	Date of Declaration of Results of Semester-End / Year- End Examination
B.E / B.Tech		I, III, V, VII Sem	12-01-2018	23-2-2018
P.G		I, III, V, VII Sem	12-01-2018	23-2-2018
B.E / B.Tech		II, IV, VI, VIII Sem	07-06-2018	29-06-2018
P.G		II, IV, VI, VIII Sem	12-06-2018	29-06-2018

2.5.2 Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The institution insists the faculty members to prepare a question bank from previous year university papers along with answer key.

- Daily class tests are conducted in each and every subject before commencement of the internal assessment tests.
- The slow learners are identified and special coaching classes are conducted.
- Retests are conducted for students who failed to secure 60% of marks in continuous assessment tests.
- After completion of internal assessment tests, the progress reports are subsequently sent to the parents.
- The students who secured less than 75 % of attendance are asked to attend attendance monitoring committee meeting with their parents to take corrective action.
- During university paper evaluation, 80 % of the experienced staffs are allowed to value the answer scripts.
- Some of the senior Professors of the institution are members of the affiliating University's Board of Studies who influence major reforms.

2.5.3 Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Academic calendar and semester plan are prepared well in advance for all activities of the academic year which includes

- Class committee meetings.
- Internal assessments schedule.
- Syllabus coverage schedule.
- Project review schedule and
- Academic audit.

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

Program outcomes, program specific outcomes and course outcomes for all programs are stated and displayed in institution website. As a sample, the weblink of Civil Engineering department is mentioned below.

<http://civil.srmeaswari.ac.in/vision-mission-goals/>

2.6.2 Pass percentage of students

Programme Code	Programme Name	Number of Students Appeared in the Final Year Examination	Number of Students Passed in the Final Semester / Year	Pass Percentage
BE	Civil	122	109	89.34
BE	CSE	123	89	72.36
BE	ECE	182	129	70.88
BE	EEE	123	107	86.99
BE	EIE	116	96	82.76
B.Tech	IT	92	90	97.83
BE	Mech	181	164	90.61

2.7 Student Satisfaction Survey

2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

The feedback forms collected from the students are

- End of semester Course evaluation form
- Class Committee meeting minutes
- Exit interview Questionnaire
- Employee Questionnaire
- Alumni Association Questionnaire
- Feedback on Faculty

The Weblinks of sample forms are given below

<http://cdn.xtracut.com/srmeaswari/2017/07/14062810/ENDOFSEMESTERCOURSEEVALUATIONFORM.pdf>

<http://cdn.xtracut.com/srmeaswari/2017/07/14062812/Exit-interview-questionnaire.pdf>

CRITERION III-RESEARCH,INNOVATIONS AND EXTENSION

3.1 Resource Mobilization for Research

3.1.1 Research funds sanctioned and received from various agencies, industry and other organizations

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the Academic year
Major Projects	2017-2020	DST -IHPEE	33.04 lakhs	22.81lakhs
	2018-2023	DST-FIST	100 lakhs	95.98 lakhs
	2018-2020	DST	20Lakhs	
Minor Projects	6 months	Seetha Technologies	Rs. 10,000	Rs. 10,000
	1 year	Seetha Technologies	Rs. 50,000	Rs. 50,000
	6 months	TCS	Rs. 20,000	Rs. 20,000
Projects sponsored by the University / College	1 Year	EEC	Rs.96,000	Rs.96,000
Any other (specify)	6 months	EIE Tamil Nadu State Council for Science and Technology (TNSCST)	Rs. 10,000	Rs. 10,000
		IT Tamil Nadu State Council for Science and Technology (TNSCST)	Rs. 15,000	Rs. 15,000
	1 year	CSE Ministry of Tourism, Govt. of India	Rs. 50,000	Rs. 50,000
Total			156.90 lakhs	122.65 lakhs

3.2 Innovation Ecosystem

3.2.1 Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of Workshop / Seminar	Name of the Department	Date(s)
Workshop on Turbulence Modeling in Computational Fluid Dynamics using RANS Equation	Automobile	29.06.17

Title of Workshop / Seminar	Name of the Department	Date(s)
One Week Workshop on Troubleshooting in Two and Four Wheeler	Automobile	04.12.17 - 09.12.17
Stability design of steel structures	Civil	06.11.17- 11.11.17
Earthquake resistant design of structures	Civil	18.12.17 - 22.12.17
Applied hydraulic engineering	Civil	06.12.17 - 13.12.17
Etabs -civil	Civil	07.7.17 - 08.7.17
Problem Solving and Python Programming	CSE	18.08.2017
Control Systems	ECE	12.06.2017 -18.06.2017
Maple Soft product - overview level 1	ECE	12.09.2017
5G mm Wave Radio Transmission for Ultra-High Speed Wireless Technologies	ECE	13.11.17 - 17.11.17
Secure systems Engineering	ECE	05.12.17– 14.12.17
Faculty development training programme on Microprocessors and Microcontrollers	EEE	30.05.17-06.06.17
FDP on ‘Green and Energy Efficient Buildings and Emphasis on power Management’	EEE	15.06.17-16.06.17
Faculty development training programme on Applied Soft computing	EEE	12.06.17-18.06.17
Faculty Development Programme On "Design and Mitigation of Issues in Micro-Grids using HOMER and PVsyst"	EEE	13.11.17-29.11.2017
Faculty development training programme on circuit theory	EEE	27.11.17-03.12.17
Faculty development training programme on Entrepreneurship	EEE	04.06.17-16.12.17
Seven days Anna University approved FDTP on “Embedded Systems- EE6602”	EIE	01.12.17 -- 08.12.17
FDTP on EE 8251-Circuit Theory	EIE	27.11.17 - 03.12.17
Two weeks FDP on “Design and Mitigation of Issues in Micro-Grids using HOMER and PVsyst.”	EIE	13.11.17 - 29.11.17
FDP on “Ethic in Education:faculty- student transformation”	EIE	06.11.17 - 19.11.17
IET sponsored workshop on “Renewable Energy Sources”	EIE	03.08.2017 & 04.08.2017
IET sponsored two days workshop on “modelling and control of solar energy systems”	EIE	31.07.2017 & 01.08.2017

Title of Workshop / Seminar	Name of the Department	Date(s)
FDTP on EE-6006-Applied soft computing	EIE	12.06.17 - 18.06.17
Two days hands-on workshop on R and python programming for machine learning and big data analytics R and python programming for machine learning and big data analytics	IT	04.01.2018 & 05.01.2018
National Seminar on IoT and Big Data Analytics	IT	24.01.2018
IET workshop on Rasperry Pi and Big Data Analysis	IT	5.09.2017& 6.09.2017
IET workshop on Big Data Analytics Cloud and Distributed Computing	IT	12.09.2017 & 13.09.2017
One Week Workshop on Troubleshooting in Two and Four Wheeler	CHEMISTRY	20.03.18
Teaching Communication & Literature	ENGLISH	13.07.17 - 14.07.17
Familiarization workshop on Nanofabrication technologies	MECH	29.11.17 - 01.12.18
Faculty development program on Entrepreneurship	MECH	15.11.17 - 30.11.17
Recent developments in welding of non ferrous alloys	MECH	25.11.17 – 26.11.17
Computational fluid dynamics in Engineering & Design	MECH	04.12.17 - 17.12.17
Faculty development program on catia kinematics	MECH	17.12.17
Advances in refrigeration and air conditioning	MECH	11.12.17 - 15.12.17
Finite element analysis	MECH	14.12.17 - 16.12.17
Kinematics of machinery	MECH	1.12.17 - 9.12.17
Intellectual Property Rights	Research Cell	13.12.17

3.2.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
Student Awards				
Hackathon in Cyber Security	S Dhiyanesh	VIT & WITY Hackathon in Cyber Security	Jan 2018	National
Remote controlled human	Deepakraj G Akilesh Krishnan Nishanth N	TCS BEST PROJECT AWARD	07.09.2017	State

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
navigational assistance for the blind using intelligent computing				
Shri Dewang Mehta Excellence Awards	Sushmitha V	Certificate of Excellence	2017	State
IET Chennai Local Network	Subhashini Ravikumar	IET CLN YP LEADERSHIP AWARD	2018	State
Best South Indian ASDF (Association of Scientists Developers & Faculties) award	Aravind P	South Indian ASDF	2017	State
Blue Collared Job Scheduling	P. Mukund Ram	Project Exhibit Contest	05.08.2017	National
Leakage detection in sewage lines using smart transmitter	N.Nishanth J.Nethaji,B.Prabhakaran B	TNSCST	04.08.2017	State
360 Fire Extinguisher	Samuel Jacob	TNSCST	05.08.2017	State
Two layer cloud security set Architectural on a Hypervisor	Nivedha S Naveen Nanda M	Ministry of Human Resource and Youth Development	11.08.17	State
National – Government of Karnataka	Joseph Paul	Organic Millet 2018	20.1.18	State
Faculty awards				
A.P.J. Abdul Kalam Innovation Research Award	Dr.S.Sobana	Society for Engineering education Enrichment	2017	Research

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
Exemplary Teacher Award	Dr.K.Kalai Selvi	IET	2017	National
Reviewer	Dr. S. Padmanabhan	AMET University	2017	National
Mentor for the innovative idea Smart Bus stop	B.Jesvin Veancy	IET Chennai Local Network	10.09. 2017	State
Mentor for the innovative idea Smart Bus stop	R. Hema	IET Chennai Local Network	09.09.2017	State
Women IET CLN	Dr.Sudha	IET Chennai Local Network	09.09.2017	State
Bharat Vikas Award	Dr.Saikumari.V	Institute of Self Reliance (ISR)	2017	National
Women ICON	Dr.Saikumari.V	Mastermind Foundation	2017	National
Best Teacher	Dr.Saikumari.V	MTC Global Foundation	2017	National
Best NSS Unit	Dr. R. Sivakumar	Anna University – National Service Scheme	2017	National

3.2.3 No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Centre	Name	Sponsored by
<p>The college is planning to set up incubation centres in various departments in association with MSME (Ministry of micro , small and medium Enterprises) inorder,</p> <ul style="list-style-type: none"> ✓ To promote Local and International Employment opportunities for students (during study and upon graduation) and for Faculty ✓ To forge a strong collaboration between the university and industry and to find solutions to technological problems. ✓ Encouragement to faculty and Students to obtain patents for their project and research work. 		
Name of the Start-up	Nature of Start-up	Date of commencement
Nil		

3.3 Research Publications and Awards

3.3.1 Incentive to the teachers who receive recognition/awards

State	National	International
Nil		

3.3.2 Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	No. of Ph. Ds Awarded
CSE	1
Chemistry	2

3.3.3 Research Publications in the Journals notified on UGC website during the year

	Department	No. of Publication	Average Impact Factor, if any
National	Auto	-	-
International		4	3.94
National	CSE		
International		3	1.433
National	CIVIL	--	-
International		5	0.11
National	ECE	-	-
International		5	1.042
National	EEE		
International		16	1.65
National	EIE	-	-
International		1	1.24
International		5	4.31
National	MECH	-	-
International		14	1.782
National	IT	-	-
International		37	2.5
National	CHEMISTRY	-	-
International		5	2.27
National	MATHS		
International		7	0.675
National	PHYSICS	-	-
International		5	2.0

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	No. of publication
Automobile	0.29
Civil	0.95
CSE	2.42
ECE	1.26
EEE	1.3

Department	No. of publication
EIE	2.76
Mech	0.75
IT	1
MBA	2.75
Eng	0.5
Chem	1
Maths	0.43
Physics	0.125

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Automobile						
Review of leaf drying: Mechanism and influencing parameters, drying methods, nutrient preservation, and mathematical models.	A.K. Babu , G. Kumaresan V. Antony Aroul Raja R. Velraj,	Renewable and Sustainable Energy Reviews. 90. 10.1016/j.rser.2018.04.002	2018	10.54	Easwari Engineering College	1
Investigation On Microstructure And Micro Hardness Of Friction Stir Welded Dissimilar Aluminum Alloy Plates”	G. Swaminathan, S.Sathiyamurthy, P.Naveen chandran	ICRAME 17, 1812-1837, Pp. 79-84 (2018).	2018	0.7	Easwari Engineering College	-
Experimental Study Of Mechanical And Metallurgical	G.Swami Nathan & S. Sathiyamurthy,	International Journal of Mechanical and Production	2018	0.1	Easwari Engineering College	-

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Properties Of Friction Stir Welded Dissimilar Aluminum Alloys		Engineering Research and Development (IJMPERD), ISSN(P): 2249-6890; ISSN(E): 2249-8001, Vol. 8, Issue 1 Feb 2018, 1049-1058.				
Mechanical Behaviour Of Dissimilar Aluminum Materials Joints Using FSW With Various Tool Profile ARPN	G. Swaminathan, S. Sathiya murthy and P. Naveen Chandran	Journal of Engineering and Applied Sciences, VOL. 13, NO. 2, JANUARY 2018 ISSN 1819-6608.	2018	0.35	Easwari Engineering College	-
Civil Engineering						
Mechanical Properties of Micro-Steel Fibre Reinforced Copper Slag Resin Mortar”,	Lavanya Prabha S, Neela megam M and Surendar M,	International journal of Earth science and Engineering, ISSN 0974-5904, Volume 10, No. 05 October 2017, P.P. 996-1001	2017	0.12	Easwari Engineering College	-
“Integration of Groundwater Potential and Irrigation Water Quality at Micro Level in Tannery Polluted Areas”	Dr. C. G. Hema malini., Dr. Krishna veni M	Bulletin of Pure and Applied Sciences, Vol-36 E (Geology) Issue (No.1) P.1-17, August 17.	2017	0.11	Easwari Engineering College	-
“Experimental Investigation	S. Sasikala, G. Praveen	International Journal for	2018	-	Easwari Engineering	-

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
On Partial Replacement Of Coarse Aggregate Using E waste”,	Kumar, R. Shiva Raman, D. Siva, C. Vinayaga moorthy	Research & Development In Technology, Volume-9, Issue-4(Apr-18) ISSN (O) :- 2349-3585, P.P 603 - 607, Apr-18.			College	
“Removal Of Nickel From Industrial Wastewater Using Natural Adsorbents: A Review”	Dr. C. G. Hema malini, R. Shruthi Meena , M. Sreevelan , G. Saravanan , R. W. Wilsha	International Journal for Science and Advance Research in Technology, Volume 4 Issue 6, June 2018.	2018	-	Easwari Engineering College	-
“ Design Optimisation of an aircraft Hanger with various parameters”.	Dhanush.J, J.Ajith, N.Kalaiivanan,	International Journal of Innovative Research in Technology(IJIRT'2018), pp 898-905, Vol 4 Issue 12, (ISSN 2349-6002) May-2018	2018	-	Easwari Engineering College	-
Computer Science and Engineering						
Fault tolerant topology control with mobility prediction in MANETs for clinical care data transmission	Anandha Mala, KM Anand Kumar	Biomedical Research, Special Section: Artificial Intelligent Techniques for Bio-Medical Signal Processing, S36-S43, 2017	2017	0.219	Easwari Engineering College	
Actor-Oriented approach for Fault Tolerance	GS Anandha Mala	Cluster Computing,	2017	2.04	Easwari Engineering College	-

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
in Distributed Ecommerce systems Accepted for publication in Cluster Computing Cluster Computing, GS Anandha Mala						
“Feature selection using firefly algorithm in software defect prediction”, Cluster Computing, US, DOI 10.1007/s10586-017-1235-3,	GS Anandha Mala	The Journal of Networks, Software Tools and Applications, ISSN 1386-7857 (Print), 1573-7543 (online) October 2017, Publisher: Springer	2018	2.04	Easwari Engineering College	-
Electronics and Communications Engineering						
Cognitive Radio and its impact of Throughput with channel optimization technique	Sivakumar, D	Journal of computational and theoretical nano science, 14 (1) 430-434 January 2017	2017	1.41	Easwari Engineering College	1
Congestion Control Through Policy Based Scheduling Algorithm	Sivakumar, D	Journal of computational and theoretical nano science, 14(9) 4315-4319(5) September 2017	2017	1.41	Easwari Engineering College	-
An Efficient PTS Scheme	Sivakumar, D	Journal of Advanced	2017	0.22	Easwari Engineering	-

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
with Integrated PSO-GA Algorithm for PAPR Reduction in MIMO-OFDM		Research in Dynamical & Control Systems, 11, 775-784 2017			College	
Monitoring and Analysis of PQ Parameters After First Order Derivative Function to Suppress the Background Instability in Harmonic Signal	Sivakumar, D	Journal of Computational and Theoretical Nanoscience, Volume 14, Number 7, July 2017, pp. 3220-3226(7) American Scientific Publishers, doi.org/10.1166/jctn.2017.6619	2017	1.41	Easwari Engineering College	-
Automatic Anisotropic Diffusion Filtering and Graph-search Segmentation of Macular Spectral-domain Optical Coherence Tomographic (SD-OCT) Images	A. Usha	Current Medical Imaging	2017	0.76	Easwari Engineering College	-
Electrical and Electronics Engineering						
Optimal sizing and distribution system reconfiguration of hybrid	MD Brinda, A Suresh, MR Rashmi	Cluster Computing 1-6	2018	2.04	Easwari Engineering College	-

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
FC/WT/PV system using cluster computing based on harmony search algorithm						
Implementation of Web Context to Monitoring Load Frequency Control in a Deregulated Environment with Consideration of the Governor and Boiler Dynamics	MD Brinda, A Suresh, MR Rashmi Wireless Personal Communications, 1-17	Springer US, Wireless Personal Communications	2018	0.458	Easwari Engineering College	-
Electronics and Instrumentation Engineering						
An Evolutionary Path For Control of Air Pollution From Road Transport	Gunaselvi Manohar	Environmental Engineering and Management Journal, vol.16, No.1, 2017, pp.15-24.	2017	1.096	Easwari Engineering College	-
Studies on performances of membrane, draw solute and modeling of forward osmosis process in desalination – a review”, Desalination	Sobanasubramani, Ramesh C.Panda and Bidisha panda,	Desalination and water treatment, vol.70, 2017, pp.46-63.	2017	1.39	Easwari Engineering College	

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
and water treatment, vol.70 , 2017, pp.46-63.						
Information Technology						
“A Self Learning Fuzzy Rule Based System for Risk Level Assessment of Coronary Heart Disease”	R.Priya dharshini	IETE Journal of Research, 2018	2018	0.909	Easwari Engineering College	-
An Efficient Coronary Disease Diagnosis System Using Dual-Phase Multi Objective Optimization and Embedded Feature Selection	Dr.R. Priyatharshini	International Journal of Intelligent Information Technologies (IJIT)	2017	2	Easwari Engineering College	2
An Active Contour Model Based Multi Objective Optimisation Technique for Coronary Calcium Scoring	R.Priya tharshini	Journal of Medical Imaging and Health Informatics	2017	0.621	Easwari Engineering College	-
Quantitative Growth Analysis of Pulp Necrotic Tooth (Post-Op) Using Modified	Leninisha, S	Journal of IET Image Processing 11(11) 1015-1019 2017	2017	1.044	Easwari Engineering College	-

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Region Growing Active Contour Model						
IOT based Automation of Fish Farming	S.Kanaga Suba Raja	Journal of Advanced Research in Dynamical and Control Systems, 9(1), 50-57	2017	0.708	Easwari Engineering College	-
Design and Analysis of Agent Architecture for Dashboard Platform Domain Services	Mrs.A.Sathya	Advances in Natural and Applied Sciences (AENSI Journals)	2017	-	Easwari Engineering College	-
Speech Enhancement Using Harmonic-Model with Multichannel Wiener Filter'	S.Kanaga Suba Raja	Journal of Advanced Research in Dynamical and Control, 9(2) 48-54 2017	2017	0.708	Easwari Engineering College	-
Enhancement of speech intelligability and quality in hearing aid using fastadaptive kalman filter algorithm	Dr.S.Kanaga suba raja	International journal of electrical and electronics engineers	2017	0.708	Easwari Engineering College	-
A New Hybridized Speech Enhancement	Dr.S.Kanaga subaraja	Journal of Computational and Theoretical Nanoscience,	2017	0.708	Easwari Engineering College	-

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Technique for Stationary and Non-Stationary Noisy Environments						
Conversion of Non Audible Murmur to Normal Speech Based on Full-Rank Gaussian Mixture Model	Dr.S.Kanaga subaraja	Journal of Computational and Theoretical Nanoscience	2017	0.708	Easwari Engineering College	-
Named Entity Recognition for Automated Test Case Generation	V Vani	International Arab Journal of Information Technology, 15(1):112-120 January 2018 9403	2018	0.724	Easwari Engineering College	
Test Lifecycle in Behavior, Drive n Development	Dr.V.Vani	I J C T A	2017	-	Easwari Engineering College	-
Mechanical Engineering						
Effect of process parameters on physical measurements of AISI316 stainless steel coating on EN24in friction surfacing	George Sahaya Nixon R, Mohanty B S and Bhaskar G	Materials and Manufacturing Processes 33(7) 778-785 2017	2017	2.274	Easwari Engineering College	-
Characterization of Friction-Surfaced SS316 Overlaid on	Mohanty B S	SILICON 10,4,10361-1368	2017	0.82	Easwari Engineering College	-

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Medium-Carbon Steel						
Enhancement in free cooling potential through PCM based storage system integrated with direct evaporative cooling (DEC) unit	Antony Aroul Raj.V	ENERGY 144, (2018), 443-455	2017	5.60	Easwari Engineering College	-
Effect of direct evaporative cooling during the charging process of phase change material based storage system for building free cooling application—A real time experimental investigation,	Antony Aroul Raj.V	Energy and buildings 152 (1), 250-263 2017	2017	4.96	Easwari Engineering College	1
Structural analysis and mechanical properties of lignite fly-ash-added jute–epoxy polymer matrix composite	G.K. Sathishkumar	Journal of Reinforced Plastics and Composites 37(2) 90 – 104 2017	2017	1.188	Easwari Engineering College	1

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Computational Analysis of Combustion, Performance And Emission Characteristics On Di Diesel Engine With Variable Intake Geometries	S.Prasanna Raj Yadav,	Journal of Advanced Research in Dynamical and Control Systems, 14, 465-476, 2017	2017	0.22	Easwari Engineering College	
Design And Analysis Of Sports Bike Wheel Spokes	Joel C, Elumalai B, Anand S, Padmanabhan S	Journal of Advanced Research in Dynamical and Control Systems, 14, 477-485, 2017	2017	0.22	Easwari Engineering College	-
Mechanical Characterization Of GFRP/CFRP/Natural Fiber Laminated In Epoxy Resin Composite	Padmanabhan .S, Sai	Journal of Advanced Research in Dynamical and Control Systems, 14, 497-504, 2017.	2017	0.22	Easwari Engineering College	-
Fabrication of Porous Composite Material For Crash Energy Absorption	Padmanabhan .S, Sathish Kumar K ,	Journal of Advanced Research in Dynamical and Control Systems, 14, 486-496, 2017	2017	0.22	Easwari Engineering College	-
Studies on Friction Stir Welding Process Parameters Of Dissimilar Alloys	K.Giridharan,	Journal of Advanced Research in Dynamical and Control Systems, 18, 1927-1936, 2017	2017	0.22	Easwari Engineering college	-

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
“Synthesis of cracked Mahua oil using coal ash catalyst for diesel engine application”,	S.Prasanna Raj Yadav	International Journal of Ambient Energy	2018	0.654	Easwari Engineering College	-
Review of leaf drying: Mechanism and influencing parameters, drying methods, nutrient preservation, and mathematical models	A.K. Babu, V. Antony Aroul Raj	Renewable and sustainable energy reviews	2018	10.54	Easwari Engineering College	1
Friction surfacing of AISI 316 over mild steel: A characteriation study	Dr. B S Mohanty	Defence Technology,	2018	1.74	Easwari Engineering College	-
MBA						
Upshot of Occupational stress on work life balance of employee working in Information technology in Chennai	R Banurekha	Indian Journal of Management, ISSN 0975-2854, Issue-7 Volume 10, July 2017, Pg 5	R BANUR EKA	0.462	Easwari Engineering College	
CHEMISTRY						
Hydrophobic structural modification of chitosan and its impact on	B.Venkata chalapathy	Carbohydrate Polymer, 173, 714-720, 2017	2017	4.811	Easwari Engineering College	-

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
nanoparticle synthesis-A physic chemical study						
Synthesis and Characterization of Surface Modified Fluorescent and Biocompatible ZnS Nanoparticles with a Hydrophobic Chitosan Derivative	B.Venkatachalapathy	Journal of Fluorescence, 27(4), 1277–1284 June 2017	2017	1.461	Easwari Engineering College	-
Synthesis of hexagonal ZnO-PQ7 nano disks conjugated with folic acid to image MCF -7 cancer cells.	B.Venkatachalapathy	Journal of Fluorescence, 27(1) 21-29, 2017	2017	1.461	Easwari Engineering College	1
Electrochemical , mechanical and osseointegration evaluation of NBPC coated 316L SS by EPD	B.Venkatachalapathy	Journal of Surface Engineering, 1-9 March 2017	2017	1.347	Easwari Engineering College	-
Development of paper based chemosensor for the detection of mercury ions using mono and tetra sulfur bearing phenanthridines	N.S. Karthikeyan	RSC – New Journal of Chemistry	2018	3.269	Easwari Engineering College	-

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Mathematics						
Dissecting power of Matrix Languages	J.Julie , J.Baskar Babujee, V.Masilamani	Lecture Notes in Computer Science 10398, 98-105 , August 2017	2017	0.9	Easwari Engineering College	-
Product of Generalized Parikh Matrices of 2D Binary Arrays and Commutativity	J.Julie, J.Baskar Babujee	Advances in Natural and Applied Sciences 11(8), 589-596, June 2017	2017	1.79	Easwari Engineering College	-
A Study on Binary CFG in light of Generalized Parikh vectors	J.Julie, J.Baskar Babujee	International Journal of Pure and Applied Mathematics, 114(6) , 249-254, Feb 2017	2017	0.41	Easwari Engineering College	-
On edge vertex prime labelling	R.Jagadesh, J.Baskar Babujee	International Journal of Pure and Applied Mathematics, 114(6), 209-218, 2017	2017	0.41	Easwari Engineering College	2
Physics						
Structural analysis and mechanical properties of lignite fly-ash-added jute–epoxy polymer matrix composite	G. Rajkumar	Journal of Reinforced Plastics and Composites 37(2) 90 – 104 2017	2017	1.086	Easwari Engineering College	-
Structural and phase transition of Mg-doped on	Rajkumar Gurusamy	South African Journal of Chemical	2017	0.84 3	Easwari Engineering College	1

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Mn-site in La _{0.7} Sr _{0.3} MnO ₃ bulk/nanostructured		Engineering				
Structural analysis and mechanical properties of lignite fly-ash-added jute–epoxy polymer matrix composite	G Rajkumar	Journal of Reinforced Plastics and Composites	2017	1.086	Easwari Engineering College	-
Influence of fluoride for enhancing bioactivity onto phosphate based glasses	G Rajkumar, V Dhivya, S Mahalaxmi, K Rajkumar, GK Sathishkumar,	Journal of Non-Crystalline Solids 493, 108-118	2018	2.124	Easwari Engineering College	-

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of the Author	Title of the Journal	Year of Publication	h-index	Institutional Affiliation as Mentioned in the Publication	Number of Citation Excluding Self Citation
Auto						
Review of leaf drying: Mechanism and influencing parameters, drying methods, nutrient preservation, and mathematical models.	A.K. Babu , G. Kumaresan , V. Antony Aroul Raja , R. Velraj,	Renewable and Sustainable Energy Reviews. 90. 10.1016/j.rser.2018.04.002	2018	3	Easwari Engineering College	1

Title of the Paper	Name of the Author	Title of the Journal	Year of Publication	h-index	Institutional Affiliation as Mentioned in the Publication	Number of Citation Excluding Self Citation
Investigation On Microstructure And Micro Hardness Of Friction Stir Welded Dissimilar Aluminum Alloy Plates”	G. Swami nathan, S. Sathiya murthy, P. Naveen chandran	ICRAME 17, 1812-1837, Pp. 79-84 (2018).	2018	8	Easwari Engineering College	-
Experimental Study Of Mechanical And Metallurgical Properties Of Friction Stir Welded Dissimilar Aluminum Alloys	G. Swami nathan, & S. Sathiya murthy,	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), ISSN(P): 2249-6890; ISSN(E): 2249-8001, Vol. 8, Issue 1 Feb 2018, 1049-1058.	2018	8	Easwari Engineering College	-
Mechanical Behaviour Of Dissimilar Aluminum Materials Joints Using FSW With Various Tool Profile ARPN	G. Swami nathan, S. Sathiya murthy and P. Naveen Chandran	Journal of Engineering and Applied Sciences, VOL. 13, NO. 2, JANUARY 2018 ISSN 1819-6608.	2018	8	Easwari Engineering College	-
CIVIL						
Mechanical Properties of Micro-Steel Fibre Reinforced Copper Slag Resin Mortar”,	Lavanya Prabha S, Neela megam M And Surendar M,	International journal of Earth science and Engineering, ISSN 0974-5904, Volume 10, No. 05 October 2017, P.P. 996-1001	2017	1	Easwari Engineering College	-
“Integration of Groundwater Potential and	Dr. C. G. Hema malini., Dr.	Bulletin of Pure and Applied Sciences, Vol-36	2017	-	Easwari Engineering College	-

Title of the Paper	Name of the Author	Title of the Journal	Year of Publication	h-index	Institutional Affiliation as Mentioned in the Publication	Number of Citation Excluding Self Citation
Irrigation Water Quality at Micro Level in Tannery Polluted Areas”	Krishna veni M	E (Geology) Issue (No.1) P.1-17, August 17.				
“Experimental Investigation On Partial Replacement Of Coarse Aggregate Using E waste”,	S. Sasikala, G. Praveen Kumar, R. Shiva Raman, D. Siva, C. Vinayagamorthy	International Journal for Research & Development In Technology, Volume-9, Issue-4(Apr-18) ISSN (O) :- 2349-3585, P.P 603 - 607, Apr-18.	2018	-	Easwari Engineering College	-
“Removal Of Nickel From Industrial Wastewater Using Natural Adsorbents: A Review”	Dr. C. G. Hema malini, R. Shruthi Meena , M. Sreevelan , G. Saravanan , R. W. Wilsha	International Journal for Science and Advance Research in Technology, Volume 4 Issue 6, June 2018.	2018	-	Easwari Engineering College	-
Design Optimisation of an aircraft Hanger with various parameters”.	Dhanush.J, J.Ajith, N.Kalaivanan,	International Journal of Innovative Research in Technology(IJIRT'2018), pp 898-905, Vol 4 Issue 12, (ISSN 2349-6002) May-2018	2018	-	Easwari Engineering College	-
CSE						
Fault tolerant topology control with mobility prediction in MANETs for clinical care data transmission	Anandha Mala, KM Anand Kumar	Biomedical Research, Special Section: Artificial Intelligent Techniques for Bio-Medical	2017	7	Easwari Engineering College	

Title of the Paper	Name of the Author	Title of the Journal	Year of Publication	h-index	Institutional Affiliation as Mentioned in the Publication	Number of Citation Excluding Self Citation
		Signal Processing, S36-S43, 2017				
Actor-Oriented approach for Fault Tolerance in Distributed Ecommerce systems Accepted for publication in Cluster Computing Cluster Computing, GS Anandha Mala	GS Anandha Mala	Cluster Computing,	2017	7	Easwari Engineering College	-
“Feature selection using firefly algorithm in software defect prediction”, Cluster Computing, US, DOI 10.1007/s10586-017-1235-3,	GS Anandha Mala	The Journal of Networks, Software Tools and Applications, ISSN 1386-7857 (Print), 1573-7543 (online) October 2017, Publisher: Springer		7	Easwari Engineering College	-
ECE						
Cognitive Radio and its impact of Throughput with channel optimization technique	Sivakumar, D	Journal of computational and theoretical nano science, 14 (1) 430-434 January 2017	2017	7	Easwari Engineering College	
Congestion Control Through Policy Based Scheduling Algorithm	Siva kumar, D	Journal of computational and theoretical nano science, 14(9) 4315-4319(5) September 2017	2017	7	Easwari Engineering College	
An Efficious PTS Scheme with	Siva kumar,	Journal of Advanced	2017	7	Easwari Engineering	

Title of the Paper	Name of the Author	Title of the Journal	Year of Publication	h-index	Institutional Affiliation as Mentioned in the Publication	Number of Citation Excluding Self Citation
Integrated PSO-GA Algorithm for PAPR Reduction in MIMO-OFDM	D	Research in Dynamical & Control Systems, 11, 775-784 2017			College	
Monitoring and Analysis of PQ Parameters After First Order Derivative Function to Suppress the Background Instability in Harmonic Signal	Siva kumar, D	Journal of Computational and Theoretical Nanoscience, Volume 14, Number 7, July 2017, pp. 3220-3226(7) American Scientific Publishers, doi.org/10.1166/jctn.2017.6619	2017	7	Easwari Engineering College	
Automatic Anisotropic Diffusion Filtering and Graph-search Segmentation of Macular Spectral-domain Optical Coherence Tomographic (SD-OCT) Images	A. Usha	Current Medical Imaging	2017	-	Easwari Engineering College	
EEE						
Optimal sizing and distribution system reconfiguration of hybrid FC/WT/PV system using cluster computing based on harmony search algorithm	MD Brinda, A Suresh, MR Rashmi	Cluster Computing1-6	2018	-	Easwari Engineering College	-
Implementation of Web Context to Monitoring Load	MD Brinda, A Suresh, MR Rashmi	Springer US, Wireless Personal	2018	-	Easwari Engineering College	-

Title of the Paper	Name of the Author	Title of the Journal	Year of Publication	h-index	Institutional Affiliation as Mentioned in the Publication	Number of Citation Excluding Self Citation
Frequency Control in a Deregulated Environment with Consideration of the Governor and Boiler Dynamics	Wireless Personal Communications, 1-17	Communications				
EIE						
An Evolutionary Path For Control of Air Pollution From Road Transport	Gunaselvi Manohar	Environmental Engineering and Management Journal, vol.16, No.1, 2017, pp.15-24.	2017	-	Easwari Engineering College	
Studies on performances of membrane, draw solute and modeling of forward osmosis process in desalination – a review”, Desalination and water treatment, vol.70, 2017, pp.46-63.	Sobanasubramani , RamesC.Panda and Bidisha panda,	Desalination and water treatment, vol.70, 2017, pp.46-63.	2017	-	Easwari Engineering College	
IT						
A Self Learning Fuzzy Rule Based System for Risk Level Assessment of Coronary Heart Disease”	R.Priyatharshini	IETE Journal of Research, 2018	2018	18	Easwari Engineering College	-
An Efficient Coronary Disease Diagnosis System Using Dual-Phase Multi Objective Optimization and Embedded Feature Selection	Dr.R. Priyatharshini	International Journal of Intelligent Information Technologies (IJIT)	2017	12	Easwari Engineering College	2

Title of the Paper	Name of the Author	Title of the Journal	Year of Publication	h-index	Institutional Affiliation as Mentioned in the Publication	Number of Citation Excluding Self Citation
An Active Contour Model Based Multi Objective Optimisation Technique for Coronary Calcium Scoring	R.Priya tharshini	Journal of Medical Imaging and Health Informatics	2017	11	Easwari Engineering College	-
Quantitative Growth Analysis of Pulp Necrotic Tooth (Post-Op) Using Modified Region Growing Active Contour Model	Leninisha, S	Journal of IET Image Processing 11(11) 1015-1019 2017	2017	1	Easwari Engineering College	-
IOT based Automation of Fish Farming	S.Kanaga Suba Raja	Journal of Advanced Research in Dynamical and Control Systems, 9(1), 50-57	2017	3	Easwari Engineering College	-
Design and Analysis of Agent Architecture for Dashboard Platform Domain Services	A.Sathya	Advances in Natural and Applied Sciences (AENSI Journals)	2017	-	Easwari Engineering College	-
Speech Enhancement Using Harmonic-Model with Multichannel Wiener Filter'	S.Kanaga Suba Raja	Journal of Advanced Research in Dynamical and Control, 9(2) 48-54 2017	2017	3	Easwari Engineering College	-
Enhancement of speech intelligability and quality in hearing aid using fastadaptive kalman filter algorithm	Dr.S.Kanaga suba raja	International journal of electrical and electronics engineers	2017	3	Easwari Engineering College	-

Title of the Paper	Name of the Author	Title of the Journal	Year of Publication	h-index	Institutional Affiliation as Mentioned in the Publication	Number of Citation Excluding Self Citation
A New Hybridized Speech Enhancement Technique for Stationary and Non-Stationary Noisy Environments	Dr.S.Kanaga subaraja	Journal of Computational and Theoretical Nanoscience,	2017	3	Easwari Engineering College	-
Conversion of Non Audible Murmur to Normal Speech Based on Full-Rank Gaussian Mixture Model	Dr.S.Kanaga subaraja	Journal of Computational and Theoretical Nanoscience	2017	3	Easwari Engineering College	-
Named Entity Recognition for Automated Test Case Generation	V Vani	International Arab Journal of Information Technology, 15(1):112-120 January 2018 9403	2018	1	Easwari Engineering College	-
Test Lifecycle in Behavior,Driven Development	Dr.V.Vani	I J C T A	2017	1	Easwari Engineering College	-
Mech						
Effect of process parameters on physical measurements of AISI316 stainless steel coating on EN24in friction surfacing	George Sahaya Nixon R, Mohanty B S and Bhaskar G	Materials and Manufacturing Processes 33(7) 778-785 2017	2017	-	Easwari Engineering College	-
Characterization of Friction-Surfaced SS316 Overlaid on Medium-Carbon Steel	Mohanty B.S	SILICON 10,4,10361-1368	2017	-	Easwari Engineering College	-
Enhancement in free cooling potential through PCM based storage system	Antony Aroul Raj	ENERGY 144, (2018), 443-455	2017	4	Easwari Engineering College	-

Title of the Paper	Name of the Author	Title of the Journal	Year of Publication	h-index	Institutional Affiliation as Mentioned in the Publication	Number of Citation Excluding Self Citation
integrated with direct evaporative cooling (DEC) unit						
Effect of direct evaporative cooling during the charging process of phase change material based storage system for building free cooling application—A real time experimental investigation,	Antony Aroul Raj	Energy and buildings 152 (1), 250-263 2017	2017	4	Easwari Engineering College	1
Structural analysis and mechanical properties of lignite fly-ash-added jute–epoxy polymer matrix composite	G.K. Sathish kumar	Journal of Reinforced Plastics and Composites 37(2) 90 – 104 2017	2017	1	Easwari Engineering College	1
Computational Analysis of Combustion, Performance And Emission Characteristics On Di Diesel Engine With Variable Intake Geometries	S.Prasanna Raj Yadav,	Journal of Advanced Research in Dynamical and Control Systems, 14, 465-476, 2017	2017	4	Easwari Engineering College	
Design And Analysis Of Sports Bike Wheel Spokes	Joel C, Elumalai B, Anand S, Padmanabhan S	Journal of Advanced Research in Dynamical and Control Systems, 14, 477-485, 2017	2017	-	Easwari Engineering College	-
Mechanical Characterization Of GFRP/CFRP/Natural Fiber Laminated In	Padmanabhan S, Sai	Journal of Advanced Research in Dynamical and	2017	-	Easwari Engineering College	-

Title of the Paper	Name of the Author	Title of the Journal	Year of Publication	h-index	Institutional Affiliation as Mentioned in the Publication	Number of Citation Excluding Self Citation
Epoxy Resin Composite		Control Systems, 14, 497-504, 2017.				
Fabrication of Porous Composite Material For Crash Energy Absorption	Padma nabhan.S, Sathish Kumar K ,	Journal of Advanced Research in Dynamical and Control Systems, 14, 486-496, 2017	2017	-	Easwari Engineering College	-
Studies on Friction Stir Welding Process Parameters Of Dissimilar Alloys	K.Giri dharan,	Journal of Advanced Research in Dynamical and Control Systems, 18, 1927-1936, 2017	2017	-	Easwari Engineering College	-
“Synthesis of cracked Mahua oil using coal ash catalyst for diesel engine application”,	S.Prasanna Raj Yadav	Internation Journal of Ambient Energy	2018	4	Easwari Engineering College	-
Review of leaf drying: Mechanism and influencing parameters, drying methods, nutrient preservation, and mathematical models	A.K. Babu, V. Antony Aroul Raj	Renewable and sustainable energy reviews	2018	3	Easwari Engineering College	1
Friction surfacing of AISI 316 over mild steel: A characteriation study,	Dr. B S Mohanty	Defence Technology,	2018	-	Easwari Engineering College	-
MBA						
Upshot of Occupational stress on work life balance of employee working in Information technology in Chennai	R Banureka	Indian Journal of Management, ISSN 0975-2854, Issue-7 Volume 10,July 2017, Pg 5	2017	-	Easwari Engineering College	

Title of the Paper	Name of the Author	Title of the Journal	Year of Publication	h-index	Institutional Affiliation as Mentioned in the Publication	Number of Citation Excluding Self Citation
Chemistry						
Hydrophobic structural modification of chitosan and its impact on nanoparticle synthesis-A physicochemical study	B.Venkatachalapathy	Carbohydrate Polymer, 173, 714-720, 2017	2017	8	Easwari Engineering College	-
Synthesis and Characterization of Surface Modified Fluorescent and Biocompatible ZnS Nanoparticles with a Hydrophobic Chitosan Derivative	B.Venkatachalapathy	Journal of Fluorescence, 27(4), 1277–1284 June 2017	2017	8	Easwari Engineering College	-
Synthesis of hexagonal ZnO-PQ7 nano disks conjugated with folic acid to image MCF -7 cancer cells.	B.Venkatachalapathy	Journal of Fluorescence, 27 (1) 21-29, 2017	2017	8	Easwari Engineering College	1
Electrochemical, mechanical and osseointegration evaluation of NBPC coated 316L SS by EPD	B.Venkatachalapathy	Journal of Surface Engineering, 1-9 March 2017	2017	8	Easwari Engineering College	-
Development of paper based chemosensor for the detection of mercury ions using mono and tetra sulfur bearing phenanthridines	N.S. Karthikeyan	RSC – New Journal of Chemistry	2018	9	Easwari Engineering College	-

Title of the Paper	Name of the Author	Title of the Journal	Year of Publication	h-index	Institutional Affiliation as Mentioned in the Publication	Number of Citation Excluding Self Citation
Physics						
Structural analysis and mechanical properties of lignite fly-ash-added jute–epoxy polymer matrix composite	G. Rajkumar	Journal of Reinforced Plastics and Composites 37(2) 90 – 104 2017	2017	5	Easwari Engineering College	-
Structural and phase transition of Mg-doped on Mn-site in La _{0.7} Sr _{0.3} MnO ₃ bulk/nanostructured	Rajkumar Gurusamy	South African Journal of Chemical Engineering	2017	5	Easwari Engineering College	1
Structural analysis and mechanical properties of lignite fly-ash-added jute–epoxy polymer matrix composite	G Rajkumar	Journal of Reinforced Plastics and Composites	2017	5	Easwari Engineering College	-
Influence of fluoride for enhancing bioactivity onto phosphate based glasses	G Rajkumar, V Dhivya, S Mahalaxmi, K Rajkumar, GK Sathish kumar	Journal of Non-Crystalline Solids 493, 108-118	2018	5	Easwari Engineering College	-

3.3.7 Faculty participation in Seminars / Conferences and Symposia during the year :

No. of Faculty	International Level	National Level	State Level	Local Level
Attended Seminars/ Workshops	-	14	115	74
Presented papers	139	-	-	-
Resource Persons	-	10	16	22

3.4 Extension Activities

3.4.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS / NCC / Red cross / Youth Red Cross (YRC) etc., during the year

Title of the Activities	Organising Unit / Agency / Collaborating Agency	Number of Teachers Co-Ordinated Such Activities	Number of Students Participated in Such Activities
Cleanliness Awareness Program in EEC	Yuga Club	3	40
Nature for Water –Largest Environmental Conservation Lesson- A Guinness Record Initiative of L& T	Yuga Club& L&T	60	56
Handing over of R.O to Government School, Sirugalathur	Yuga Club	3	20
Punnagai	Rotaract Club	23	50
Vidhai	Rotaract Club	3	40
Petrichor 2K17	Rotaract Club	2	75
Music Concert	Rotaract Club	2	95
Rally for the Rivers	Rotaract Club	3	95
Vellai Pookal-Orphanage Visit	Rotaract Club	3	55
Street Play	Rotaract Club	3	40
Hitbeatz 2K17	Rotaract Club	3	58
GLITZZ	Rotaract Club	3	49
Dussehra Dance Night	Rotaract Club	3	44
Fanaa	Rotaract Club	3	26
Thuvakkam	Rotaract Club	3	150
Her	Rotaract Club	3	125
No shave November	Rotaract Club	3	62
Pizhai Yatrakavithaigal	Rotaract Club	3	58
Oru Pangu Unavu	Rotaract Club	2	71
Tell your tale	Rotaract Club	2	49
Project 149	Rotaract Club	2	56
Ilakku	Rotaract Club	2	22

Title of the Activities	Organising Unit / Agency / Collaborating Agency	Number of Teachers Co-Ordinated Such Activities	Number of Students Participated in Such Activities
Rotaract Workshop	Rotaract Club	3	51
Aram theatre PlaT	Rotaract Club	2	72
Blood Donation Camp	YRC	2	170
Tree Plantation in Park	YRC	2	58
Tree Plantation in Government School	YRC	2	45
Park event –First Aid Awareness	YRC	2	38
Alertathon Marathon Volunteering	YRC	3	125
Old Age Home Visit	YRC	3	33
Installation of YRC office Bearers	YRC	3	55
Human Chain formation-Awareness about road safety	YRC	3	80
Project Papers-An Orphanage Visit	YRC	3	25
Blood Donation drive	YRC	3	70
Talent Hunt	NSS	3	60
Blind School Reading at PSBB School	NSS	3	20
School Cleaning	NSS	3	44
NSS Orientation Programme	NSS-Anna University	3	35
SPARSH 2017	NSS-Agni Engineering College	2	40
Terroy Fox Run	NSS-Rotary Club of Madras	1	66
Samathuva Pongal Celebration	NSS-Awareness India Movement	20	103
Oneday NSS students Workshop	NSS-Babuji Memorial Ashramam	5	42
School Cleaning	NSS	1	44
Republic Day Celebration	NSS	1	50
Scribe for Physically Challenged	NSS-Tamil Nadu Volley Ball	1	10

Title of the Activities	Organising Unit / Agency / Collaborating Agency	Number of Teachers Co-Ordinated Such Activities	Number of Students Participated in Such Activities
(Blind)	Association		
Cancer Awareness Programme`	NSS-Vasantha Memorial Trust	2	20
Cancer Victor's Day	NSS-Vasantha Memorial Trust	1	50
Blood Donation Camp	NSS-YRC Unit	1	175
NSS Special Camp 2017-2018	NSS	1	50

3.4.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year:

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
Blood Donation Camp	Best NSS Unit Award	Anna University	175

3.4.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the Scheme	Organising Unit/ Agency/ Collaborating Agency	Name of the Activity	Number of Teachers Coordinated Such Activities	Number of Students Participated in Such Activities
Gender Issue	Easwari Engineering-Students	Trans Women day Celebrations-Workshop on Jewellery Making	3	30
Welfare Scheme	Yuga club	Installation of R.O purifier and ultrafiltraion	3	40
Swachh Bharat Summer Internship Programme	NSS	Health Awareness School Cleaning General Awareness	1	50

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of Activity	Participant	Source of Financial Support	Duration
Project	Students	TNSCST	1 year
Project & Research	Students	KKM soft	3 years
Survey on awareness about incentives offered by Government of TamilNadu	Students	National Productivity Council	1 year
A Market survey been done to know the feasibility of export and import to Korea.	Students	Veizen India Pvt Limited	1 year
Project	Faculty	Seetha Technologies, Chennai	2 months

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	Participant
Automobile				
Internship	Manufacturing process	Integral Coach factory	November 2017-December 2017	Five Students
Internship	Maintenance Management	Rambal Limited	November 2017-December 2017	1
Internship	Manufacturing process	castwel autoparts	November 2017-December 2017	2
Internship	Assembling line process	,Royal Enfield	November 2017-December 2017	1
Internship	Automobile Maintenance, works	Kumar Auto	November 2017-December 2017	1
Internship	Assembling line	,Hyundai Motor	November2017-	4

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	Participant
	processIndia Limited		December 2017	
CSE				
Internship	Java Programming	NEW GEN/	November 2017-December 2017	4
Internship	Operating System Development	EMBEDUR	November 2017-December 2017	3
Internship	Java Programming	DBMS- ZOHO	November 2017-December 2017	1
Internship	Python Programming	Whirl data science	November 2017-December 2017	2
Internship	Java Programing-	Byju's	November 2017-December 2017	1
Internship	Data Scrapping	Waffor Inc.	November 2017-December 2017	2
Internship	PHP & Basics	HVF,AVADI	November 2017-December 2017	4
Internship	IOT	Genetics	November 2017-December 2017	1
Internship	Java, Big Data, Android (velachery)	- HP enterprise	November 2017-December 2017	5
Internship	Java Programming-Development center	HCL Career	November 2017-December 2017	1
Internship	Networks	Kaashiv Infotech	November 2017-December 2017	1
Internship	Java Programming	vishwak	November 2017-December 2017	1
EEE				
Internship	Internship at (BYJUS)	Think and Learn Pvt. Ltd	November 2017-December 2017	02
Internship	Training	Systech Pvt. Ltd	November 2017-December 2017	01
Internship	Internship	Econ-Systems	November 2017	01
Internship	Internship	Valued Epistemics GRE EDGE Pvt.Ltd	November 2017-December 2017	01

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	Participant
Internship	Internship	Health Sensei Pvt. Ltd	November 2017-December 2017	01
Internship	Internship at	Schnieder Electric Pvt. Ltd	November 2017-December 2017	01
Internship	Internship	Tata Consultancy Services Pvt. Ltd	November 2017-December 2017	01
Field Project	Project	National Institute of Ocean Technology	November 2017-December 2017	01
ECE				
MOU	Project work	NSIC	December'17-April'18	Final year students
MOU	In-plant training NS	NSIC	December'17-April'18	Final year students
EIE				
Industry collaboration for project work	project work	Orbit Controls and services	December'17-April'18	Final year students
Industry collaboration for project work	project work	CLRI	December'17-April'18	Final year students
Industry collaboration for project work	project work	CLRI	December'17-April'18	Final year students
IT				
Internship on python and IOT	work freaks consultants	IOT	December'17-April'18	12
Mech				
Campus Recruitment	On Job project work training	Johnson controls	December'17-April'18	2

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	Participant
work				
Industry collaboration for project	Project work	Ashok Leyland	November 2017-December 2017	4 Final Year
MBA				
Internship	Summer Training	At Dvine Event Management	December'17-April'18	1
Internship	Summer Training	T2t Designs Pvt Ltd	December'17-April'18	1
Internship	Summer Training	Uber 9 (Vakilsearch)	December'17-April'18	5
Internship	Summer Training	Randstad	December'17-April'18	1
Internship	Summer Training	At State Bank Of India	December'17-April'18	2
Internship	Summer Training	Randstad	December'17-April'18	1
Internship	Summer Training	Chennai Port Trust	December'17-April'18	6

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU Signed	Purpose and Activities	Number of Students / Teachers Participated under MoUs
Transun Energy Systems	08.08.2017	Faculty development program, workshops for students, Internships	25
Synkromax Biotec Pvt Ltd	14.09.2017	Inplant Training, Projects, Guest Lectures	10
EDU mind Solutions	05-07-2017	New Product Design	30
Builtech Space Engineering	05-07-2017	Project work, Inplant Training	15

Organisation	Date of MoU Signed	Purpose and Activities	Number of Students / Teachers Participated under MoUs
KKM soft	12-07-2017	Training in 3-D PRINTING Digital Manufacturing	25
Seetha Technologies	20.11.2017	Inplant Training	20
Sansbound Solutions Pvt Limited	August 2017	Inplant Training, Industrial Visit, Seminar	30
Wisem IT Solutions	August 2017	Value Added courses for students, Inplant training	30
Axiom Semantics	August 2017	Value Added courses for students, Inplant training	30

CRITERION IV - INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
Rs.2,25,00,000	Rs.1,99,96,119

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area (sq.m)	71675	-
Class rooms (sq.m)	381	-
Laboratories (sq.m)	13622	4430 sq.m Sq.m 2600
Seminar Halls (sq.m)	1500	-
Classrooms with LCD facilities	87	-
Classrooms with Wi-Fi/ LAN	87	-
Seminar halls with ICT facilities	2	-
Video Centre	1	-
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	35	9
Value of the equipment purchased during the year (Rs. in Lakhs)	89.27	32.92
Others (sq.m) – Drawing Hall -	202	-
Others (sq.m) – Administrative Area	3140	-
Other Aminties	25520	-

4.2 Library as a Learning Resource

4.2.1 Library is automated {Integrated Library Management System -ILMS}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
KOHA Software	Fully Automation	3.20	2017

4.2.1 Library Services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	74,685	3,70,16,837	13,74	681008.7	76059	3,76,97,846
Reference Books	10618	53,09,000	313	156500	10941	5470500
e-Books	500	1,98,694	-	-	500	1,98,694
Journals	244	8,17,879	-	-	244	8,17,879
e-Journals	5,000+	23,41,630	-	-	5,000+	23,41,630
CD & Video	5426	-	-	-	5426	-
Library automation	-	-	-	-	-	-
Weeding (Hard & Soft)	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-

4.3 IT Infrastructure

4.3.1 Technology Upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available band width (MGBPS)	Others
Existing	1600	39	155 Mbps	1	1	1	14	i) AIRTEL (Leased Line) BW: 155 Mbps (1:1) ii) BSNL (VPN) (3 separate lines) BW: 2 Mbps Available bandwidth: 155 Mbps (1:1)	4
Added									1
Total	1600	39	155 Mbps	1	1	1	14	i) AIRTEL (Leased Line) BW: 155 Mbps (1:1) ii) BSNL (VPN) (3 separate lines) BW: 2 Mbps Available bandwidth: 155 Mbps (1:1)	5

4.3.2 Bandwidth available of internet connection in the Institution (Leased line)

- i) AIRTEL (Leased Line) BW: 155 Mbps (1:1)
 - ii) BSNL (VPN) (3 separate lines) BW: 2 Mbps
- Available bandwidth: 155 Mbps (1:1)

4.3.3 Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media
NPTEL Video Course, Other Library Links , E-Book Websites, OPEN SOURCE E-JOURNALS, NPTEL, EDUSAT, ICT	http://library.srmeaswari.ac.in/links/ , http://nptel.iitm.ac.in , nptel.ac.in/courses

4.3.4 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e-content
DHARANYA.R	LEARN CSE WITH RD MAAM	YOU TUBE CHANNEL	28/04/2017

4.4 Maintenance of Campus Infrastructure

4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
Rs.1,85,00,000	Rs.1,68,60,283	Rs.9,00,00,000	Rs.8,64,85,968

4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Institutional Website link <http://srmeaswari.ac.in/infrastructure/>

Procedures and policies

The physical facilities including Laboratories, Classrooms and Computers etc. are made available for the students those who are admitted in the college. The students seek admission to desired courses including a laboratory curriculum they are charged for the laboratory expenses at the time of the admission as suggested by the statutory body in addition to that a non-salary grants are allocated for the maintenance of the laboratories and the classrooms which a part of the teaching and the learning processes.

The classrooms boards and furniture facilities are utilized regularly by the students but sometime it is also made available for the other governmental and the non-governmental organizations for conducting the exams like scholarships etc. if not in use for the said period. The maintenance and the cleaning of the classrooms and the laboratories are done with the efforts of the non-teaching staff and in major cases the college goes for the maintenance contract to local experts. The college garden is maintained by the gardener appointed by the institute.

The college has adequate number of the computers with internet connections and the utility software's distributed in different locales like office, laboratories, library, departments etc. All the stakeholders have equal opportunity to use those facilities as per the rules and the policies of the institution. The central computer laboratory connected in LAN is open for the students as time permits them, the office computers which are also connected through the LAN is consisting of the office software making work easier and systematic are restricted their use only to the appointed office staff.

The library is also provided LAN facility for the computers and they are loaded with the library software. The departments and the staff can make use of the computer system with internet at their seating places in addition that majority of the staff has their own laptops and the internet providing instruments, all those computer related facilities are given to our CMC department for maintenance annually Computer Maintenance Cell as well as general maintenance department caters to any issues that need to be rectified.

As part of virtual Instrumentation laboratory "Labview Academy" has been established in 2012, wherein around 45 students are CLAD (Certified Labview Developers) certified members by National Instruments, Bangalore. E-Yantra Lab has been established in collaboration with MHRD and IIT, Mumbai. The campus and hostels are WiFi enabled with 155 Mbps (1:1) bandwidth. Two duty doctors, nurses and an Ambulance are in readiness for use as and when the need arises. Food court has spacious dining hall and its operation and maintenance including the preparation of food are closely monitored to ensure nutrition and hygiene.

Maintaining and utilizing physical, academic and support facilities

The institutional mechanisms for maintenance and upkeep of the infrastructure facilities and equipment of the college, a maintenance Committee coordinated is carried out by the following .The separate Functional Committee, which comprises of faculty members from each department, is available for maintenance and upkeep of the infrastructure facilities and equipment of the college.

The Functional Committee coordinates with the following members to carry out the above activities:

- The Manager, Campus Engineer, Chief Estate Officer, Maintenance supervisor, Maintenance assistants and Annual Maintenance Contractors for maintenances of ACs, UPS, Lifts, Water Cooler and Fire Extinguisher
- Other Maintenance services includes Computer Maintenance Cell, Electrical maintenance work, Housekeeping
- In addition to that sufficient number of sweepers and other worker are employed to keep the places neat and clean.
- The college gives preference in 5-s concepts and audits are conducted periodically by a team of experts.
- During class committee meetings, students' feedback are taken on infrastructure facilities and suitable actions are taken, wherever required
- Class rooms are swept clean every day
- The corridors are wiped clean with sanitation liquid once every day
- Rest rooms in all floors are sanitized and cleaned twice every day • A nominated faculty as a floor coordinator inspects and certifies the cleanliness of rest rooms
- The lawns and gardens are cleaned of any garbage and wastes everyday
- Tidiness of the entire campus is ensured by the dedicated house-keeping team
- In order to provide portable drinking water to the students, water coolers are provided in each floor for each department and cleaning is done every day by the maintenance department. Above all, the infrastructure is refurbished periodically.

CRITERION V - STUDENT SUPPORT AND PROGRESSION

5.1 Student Support

5.1.1 Scholarships and Financial Support

	Name /Title of the scheme	Number of students	Amount in Rupees
Financial support from institution	NIL		
Financial support from other sources			
a) National	Post Metric Scholarship	599	10755000
b) International	NIL		

5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Soft skill development	1- 08-2017	900	Srm Axis Intellects (I) Pvt, Ltd
Arrear Coaching	1-04-2018	450	Srm Axis Intellects (I) Pvt, Ltd
Language lab	1-07-2018	25	Srm Axis Intellects (I) Pvt, Ltd
Bridge courses	24.08.2017	908	Own Institution
Yoga & Medidation	28-06-2017	100	Art of Living Foundation
Personal Counselling and Mentoring	-	283	College is having a professional student counsellor to do personal counselling and mentoring.

5.1.3 Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2017	GATE	67	51	-	-
2017	CAT	57	46	-	-
2017	GRE	13	11	-	-
2018	IAS	12	9	-	-

5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	No. of grievances redressed	Average number of days for grievance redressal
9	9	10 days

5.2 Student Progression

5.2.1 Details of Campus Placement during the year

On campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
ECON SYSTEMS	186	1	JUST PAY	15	0
VURAM TECHNOLOGIES	166	4	ELITIS	52	1
MARKET SIMPLIFIED	110	3	JOHNSON CONTROLS	164	3
MULTICORE WARE	89	1	AMAZON	75	1
VVDN	164	3	VOLANTE TECHNOLOGIES	86	0
ELITITS -II	50	1	SRM TECHNOLOGIES	28	0
VISUAL BI	50	0	WHIRL DATA	50	3
SOSALEY	26	2	SURYA INFOTECH	26	0
SYSBIZ TECHNOLOGIES	111	0	MSP CONCRETE Pvt Ltd	26	6
MBIT WIRELESS	84	0	SOCTRONICS	25	0
ATOS	144	37	AMAZON- II	25	4
WHIRL DATA	50	3	GLOBUS RETAIL MANAGEMENT	16	2
BAJAJ CAPITAL	26	7	SANMINA	111	0
NEW GEN	26	6	SMART TRAINING	24	0
HONEYWELL	89	3	ASHOK LEYLAND	12	1

On campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
TCS	645	316	COVENANT	14	6
JARO EDUCATION	26	1	IBM	56	0
MPHASIS	87	5	TORRY HARRIS	113	0
KAAR TECHNOLOGIES	52	1	VYSHANAVI INFOTECH	52	0
AGIRA TECH	25	2	ASAHI GLASS	111	0
CINTANA TECHNOLOGIES	26	1	RENAULT NISSAN	12	0
ZOOM RX TECHNOLOGIES	184	0	SANMAR	13	0
GRE EDGE	52	3	22 LAB	22	3
JUST DIAL	56	18	TECHNI COLOR	52	0
FULL TIME CREATIVE	86	3	YELLAMANCHALI	15	7
DOODLE BLUE	56	3	NTT DATA	52	1
MAESTRO STEEL DETAILING	32	2	ABALI HEALTH CARE	13	0
DATA PATTERNS	55	0	CATHOLIC SYRIAN BANK	26	3
GUVI	56	1	SYMANTEC	21	1
ICICI SECURITIES	15	3	ELCOMPICS	14	1
SRM TECHNOLOGIES	88	7	INDIA MART	16	2
MRF TYRES	26	1	SYMRA TECHNOLOGIES	32	0
THINK & LEARN	110	4	BRAKES INDIA	24	0
DIRECT INTERNET	95	0	AMEEX TECHNOLOGIES	12	0
KOTAK LIFE INSURANCE	56	1	BANK OF NEW YORK MELLON	18	0
EMBED UR SYSTEMS	68	3	AKSHYA HOMES	16	2

On campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
ICIC PRULIFE	52	18	CEASEFIRE	14	10
FACE	86	4	JRA ANALYTICS	24	0
INDUS SOFT	55	0	EMBED UR SYSTEMS	164	3
WIPRO	210	0	VS 1 INTERNATIONAL	26	1
BOULTAN TRADING	25	1	RR DONNELLY	22	1
ENMAC SYSTEMS	25	0	MUTHOOT FINANCE	14	0
BLUE STAR	25	0	TIKONA FIBERNET	16	4
INNOWELL ENGINEER	25	0	PHOTON INFOTECH	56	0
ROUTMEN HR SERVICES	25	0	NEEYAMO ENTERPRISES	25	0
ENERSAVE CONSULTANTS	25	0	ZOHO-MBA	24	0
UNIMECH SYSTEMS	25	0	NET ACCESS	13	0
STREAMLINE ENGINEERS	25	0	INDUS SOFT	24	0
PAVANI ENGINEERS	25	0	COOPER LYBRANTH	24	5
AIRFRIG TECHNOLOGIES	25	0	WIPRO	210	0
STERLING & WILSON	25	0	CITY UNION BANK	23	5
SARAVANA AIRCON	25	0	FUTURE GROUP	24	0
ORCHID ENERGY	25	0	PROTECT SOFT	13	0
REFLOW	25	0	AKASH INSTITUTE	26	0
SRI COMFORT SYSTEMS	25	0	PHOTON INFOTECH - II	12	0
TROPICAL CONSULTANTS	25	0	GBOX	25	0

On campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
TS					
ENOAH I	56	5	INFOSYS	52	6
ZOHO-II	48	4	ENOAH I	13	5
FACE (MBA)	24	3	ZOHO-II	52	4
AMERICAN MEGA TRENDS	86	0	RAMCO CEMENTS	12	0
HINDUJA GLOBAL SOLUTIONS	210	170	GLOBAL TRADEX	13	1
AAGNA GROUP	111	63	WEG INDIA	15	1
LAKSHMI AIR CON	25	4	DELTA ENGINEERING	15	0
ZOHO-III	46	1	SYNTEL	50	0
GANDHI FELLOWSHIP	111	6	CADD SOFTWARE	55	0
NAVIN HOMES	12	0	FUTURE INFOTECH	32	0
VDART TECHNOLOGIES	126	56	SRIRAM TRANSPORT	56	3
SOFTURA TECHNOLOGIES	26	1	ORANGE SCAPE	12	0
JRA ANALYTICS	48	3	SURE SOFT	13	0
KEYENCE TECHNOLOGIES	54	0	WAY COOL	15	5
RE LEARN	86	5	NINJA KART	25	2
CADD CENTER	55	14	HBD FINANCIAL SERVICES	16	3
KEYENCE TECHNOLOGIES -II	14	1	EMERSON	25	4
DXE TECHNOLOGIES	16	1	TENNECO	5	3
PRODAPT	122	6	ELKAYAN AUTO AUXILLARIES	5	6

On campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
QMAX SOLUTIONS	16	0	BOT VX	5	1
AMAZON-III	24	0	VORTEX ENGINEERING	5	0
PAY PAL	86	0	VUE TECHNOLOGIES	25	3
OFS	44	0	SYSTECH SOLUTIONS	15	1
RUDRAN TECHNOLOGIES	22	25	RAMCO CEMENTS (MBA)	16	0
SUTHERLAND (NON VOICE)	110	19	SANGUINE TECHNOLOGIES	5	3
ZEBU TRADE	14	0	KEYENCE TECHNOLOGIES - II	5	1
			NOVA TECHNOLOGIES	5	0
			ENCORE	5	1
			HCL	56	0
			JARO EDUCATION - II	17	0
			EQUITY BANK	35	15
			BLACK CACTUS	32	0
			GRE EDGE - II	12	2
			VEMBU TECHNOLOGY	30	0
			TENNEX POWER GENERATION	5	0
			HI TECH CALIBRATION	5	1
			COVENANT	16	0
			RANSTAD	25	0
			ZOHO-V	15	0
			BROADCOM TECHNOLOGIES	5	0
			ASG TECHNOLOGIES	5	0
			VEGA TECHNOLOGIES	15	3

On campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
			IRIS PRO	26	1
			BAJAJ ALLIANZ	12	0
			SUNDARAM FINANCE	5	0
			JARO -III	16	0
			REVILLE TECHNOLOGIES	9	0
			GEN ONLINE	5	0
			PROMANTIS	14	4
			VELOHAR INFRA	12	0
			VEMBU TECHNOLOGIES	15	0
			COFEE DAY	9	0
			KAAR TECHNOLOGIES (MBA)	9	0
			VORTEX ENGINEERING-II	5	0
			INFOSYS	15	0
			DEIPEND ENGINEERING	16	0
			BYJU (THINK & LEARN)	25	0
			ZOOM RX TECHNOLOGIES - II	52	1
			HCL TECHNOLOGIES	16	0
			SUTHERLAND (NON VOICE)	110	19
			VARAD CORE	5	3
			ZOUSE PROPERTY	9	0
			CO CUBES	6	0
			YOUNGSHIN AUTOMOTIVES	5	0
			FUTURE FOCUS	8	0
			AQUA SUB MOTORS	5	2
			SITEL	6	0

On campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
			IMAGE INFOTAINMENT	4	1
			HEXAWARE	16	0
			ELENIUM	26	0
			D MART	5	0
			INDIA MART	5	0
			GGK TECHNOLOGIES	26	0
			NEWT GLOBAL	5	0
			RELIANCE JIO	16	0
			DETROIT	25	1
			FINOCULES	25	0
			TEST PRESS	6	0
			CLOFUS	5	0
			FISHERMEN	25	5
			INNOVASPHERE INFOTECH	5	0
			SIGARAM SOFTWARE	6	0
			ROBERT BOSH	5	2
			CODE HALL	26	0
			SIFY	3	0
			RAASI FLOLINES	5	2
			SOFTURA TECHNOLOGIES	15	0
			ENTRUSTED MEDICAL DEVICES	5	0
			FRESH WORKS	6	0
			HEXAWARE - II	9	0
			GENEI CONSULTANTS	10	0
			ASG TECHNOLOGIES	10	0
			COGNIZANT	12	0
			ADROIT TECHNOLOGIES	12	0
			AMCAT	9	0
			W2BI	9	0
			MULTIPRO	12	0

On campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
			SOLUTIONS		
			SOFTURA - II	26	0
			ZOHO CORPORATION	48	1
			ARCHIT BUILDERS	15	2
			ENCORE	12	1
			CTS	56	3
			BNP PARIBAS	16	1
			ZOHO CORPORATION	53	1
			CRITIC DIGITECH	11	1

5.2.2 Student progression to higher education in percentage during the year

Year	Number of Students Enrolling Into Higher Education	Programme Graduated From	Department Graduated From	Name Of Institution Joined	Name of Programme Admitted To
2017-18	5%	B.Tech	Information Technology	Walkato Institute Of Technology	Post Graduate Diploma In Applied Informatics
				Trinity College, Dublin	Computer Science Intelligence Systems
				University College Of Dublin, Belfield, Dublin	MSC Data And Computational Science
				Concordia University, John Moison School Of Business,Canada	MBA
				New Jersey Institute Of Technology, New Jersey, USA	MIS
				Graduate School Of Northern Illinois University, Dekalb, IL	MS Computer Science

Year	Number of Students Enrolling Into Higher Education	Programme Graduated From	Department Graduated From	Name Of Institution Joined	Name of Programme Admitted To
2017-18	1%	B.E	Mechanical Engineering	University Of Toronto	Mechanical And Industrial Engineering
				University Of Twente, Netherlands	Maintenance Engineering And Operations
2017-18	10%	B.E	Civil Engineering	Swinburne, Australia	Master Of Construction And Infrastructure Management
				Deakin University, Australia	Ms. Construction Mgmt.
				The University Of Auckland, Newzealand	Ms. Construction Mgmt.
				Monash University, Australia	Master of Advanced Civil(Transport) Engg.
				Lambton College Of Applied Arts And Technology In Toronto, Canada	Construction Project Management
				University Of Florida, USA	Ms. Construction Mgmt.
				Tu Delft University Of Technology Netherland	Ms. Construction Mgmt. And Engg
				Symbiosis Institute Of Technology, Pune	M.Tech Geoinformatics
				Symbiosis Institute Of Technology, Pune	M.Tech Geoinformatics
				Anna University, Chennai	M.E. Structural Engineering
				Anna University, Chennai	M.E. Structural Engineering
				Anna University, Chennai	M.E. Structural Engineering
				SRM University, Chennai	M.E. Structural Engineering
				SRMUniversity,	M.E. Structural

Year	Number of Students Enrolling Into Higher Education	Programme Graduated From	Department Graduated From	Name Of Institution Joined	Name of Programme Admitted To
				Chennai	Engineering
				Easwari Engineering College, Chennai	M.E. Structural Engineering
				Sree Rama Engg College, Tirupati	M.E. Structural Engineering
2017-18	6%	M.E		Anna University, Chennai	Ph.D
		B.E		NIT, Trichy	MBA
		M.E		Anna University, Chennai	Ph.D
		B.E	Computer Science Engineering	University Of Texas, Arlington	MS
				Santa Clara University	MS
				University Of Texas, Arlington	MS
				Webster University	MS
				M.O.P. Vaishnav Collge	MBA
2017-18	5%	B.E	Electronics & Instrumentation Engineering	IOWA State University	M.Selectrical
				IIT Madras	M.S Electrical
				Technishe University,	M.S Microelectronics
				Hamberg Texas A&M University	M.E Electrical
				University Of Houston	M.S Industrial Engineering
2017-18	6%	B.E	Electrical and Electronics Engineering	TU Delft University Of Technology	M.S
				University Of Bridgeport	M.S
				Clemson Graduate School	M.S
				Drexel University	M.S
				Texas A&M University	M.S
				Suny Cortland	M.S
				Technical University Of Berlin	M.S
				University Of Twente	M.S

Year	Number of Students Enrolling Into Higher Education	Programme Graduated From	Department Graduated From	Name Of Institution Joined	Name of Programme Admitted To
				Stony Brook University	
	5%	B.E	Electronics and Communication Engineering	NIT,Trichy	MBA
		B.E		BIM,Trichy	MBA,Human Resources
		B.E		M.O.P Vaishnav College,Chennai	MBA,Business Administration
		B.E		University Of Massachusetts,USA	M.S In Computer Engineering
		B.E		UNC Charlotte,USA	MS In Electrical Engineering
		B.E		University Of South Florida,USA	MS In Business Analytics And Information Systems
		B.E		University Of Texas At Dallas,USA	MS
		B.E		UIC College Of Engineering,USA	MS,Electrical And Computer Engineering

5.2.3 Students qualifying in state/ national/ international level examinations during the year (eg:NET / SET / SLET / GATE / GMAT / CAT / GRE / TOFEL / Civil Services / State Government Services)

Items	No. of Students selected / qualifying	Registration number / roll number for the exam
NET	1	310616631005
SET	2	Dr.S.R.Ananthalakshmi, A Margaret fathima rani
SLET	2	G.Harish-MA17S4706903,V.Kishore-EE17S57060156
GATE	3	Kameshwar,Keshav T.S, Moheneshwar
GMAT	2	6038733, 7263236
CAT	14	6171542,54045252, 880865, 310614104043, 310614104014, 310614104025, 310614104023, 310614104033, 310614104002, 2081555,2312133,2029072
GRE	14	310614104043, 310614104025, 310614104023, 310614104002, 310615104108, 0000 000031684209, 0000 0000 3122 7795,0000 0000 3195 7765, 0000 000032372526
TOFEL	-	-

Items	No. of Students selected / qualifying	Registration number / roll number for the exam
Civil Services	-	-
State Government Services	11	11113281,111233209,12112132,1733208,11216011,11143310,204611 4749073, 299493,227038
Any Other	-	-

5.2.4 Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Participants
Tournaments	State level	9
	National level	8
Cutural Event-Swagat	Institution level	212
Cutural Event-Talentia	Institution level	436
Cutural Event-Fresh Face	National level	95

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national / international level (award for a team event should be counted as one)

Year: 2017 -18

Name of the award / medal	National / International	Sports	Cultural	Student ID Number	Name of the Student
1 st Prize	National	-	Dirt bike	16ME-A42	Jaya Balaji S
1 st Prize	National	-	Dirt bike	16ME-A32	Gunal R
2 nd Prize	National	-	Auto Quiz	15ME-B41	Prabhu shankar
3 rd Prize	National	-	Aero Modeling	15ME-B41	Prabhu shankar
3 rd Prize	National	-	Aero Modeling	16ME-A70	Jayasurya
3 rd Prize	National	-	Aero Modeling		Muthu Ramanathan
1 st Prize	National	-	Brain storm	15ME-B39	Ponsurya
1 st Prize	National	-	Surprise event	16ME-A42	S Raja Singh
2 nd Prize	-	-	Energy club QUIZ	16ME-A29	Prasath P
1 st Prize	National	-	Fresh Face 2017	16ME-A27	Rohan P Jose
Mr.Talented	National	-	Fresh Face	16ME-A43	Hemchandran K

Name of the award / medal	National / International	Sports	Cultural	Student ID Number	Name of the Student
			2017		
II Place	National	-	Footllok	16ME-A42	Rohan p josh
3 rd Prize	-	-	Group Dance	16ME-A32	Rohan p josh
2 nd Prize	National	-	Feet Clan	16ME-A32	Rohan p josh
1 st Prize	-	-	Step Hoppers	16ME-C30	Rohan p josh
1 st Prize	-	-	Talentia-18 Mock-CID	16ME-C16	Chandresh R
1 st Prize	-	-	Talentia -17 - Winner event	16ME-C24	Shrinidhi shetty
1 st Prize	-	-	Talentia- 18 - Mock-CID	16ME-C50	Shrinidhi shetty
3 rd Prize	-	-	Talentia-17 Dance	16ME-C39	Arun Kumar V
3 rd Prize	-	-	Talentia-17 Dance	16ME-C30	Goel
1 st Prize	-	-	Talentia-18 VJ Hunt	16ME-A29	Balaji R
3 rd Prize	-	-	Talentia-18 Variety	16ME-A29	Balaji R
1 st Prize	-	-	Talentia- 18 - Mock-CID	16ME-A42	Aravind Kumar M
1 st Prize	-	-	Gaming Milan Anokha	16ME-A42	Harin Raj S
2 nd Prize	-	-	Talentia-18 Tamil poetry	16ME-A32	Ponsurya
1 st Prize	-	Inter Dept Football	-	15ME-B41	Joe Jesuraj Selvam
III Place In Zonal Level	National	Basketball	-	310615103008	Akilesh Kaarthik
"Hitbeatz" Rotaract Club	National	"Hitbeatz" Cricket	-	310615103013 310615103014 310615103015 310615103016 310615103019 310615103023 310615103024 310615103028 310615103312 310615103313 310615103314	Balaji R, Balaji S, Banuprakesh, Bharath, Darshan P, Dhinesh K, Dinesh D, Ganesh Kumar, Logapriyan, Manibharathi, Muthu
Best Active Performer - Rotract	National	-	Rotaract Club	310615103050	D.Laxmi Narayani

Name of the award / medal	National / International	Sports	Cultural	Student ID Number	Name of the Student
Martilarts	National	Taekwondo		310615103085	Sivashankar.T.S
3 rd Prize	National		Mad Over Marketting [Enterprenuer ship]	310615103009	Anjana.A
Silver Medal	International	All India Inter Univ Championship	-	310615103044	Kasiyanantha.A
Sparkling Artist Award	National	-	Picasso Art Contest	310615103025	Divya Kumar
4 (Number of medals)	National	-	Dance	310617102016	R Girish Shyaamalan
1 (Number of medals)	National	Foot Ball	-	310616102054	S VENKATESH
1 (Number of medals)	National	Athlet	-	310616102034	RAJESH A
1 (Number of medals)	National	Basket Ball	-	310615102034	PRIYA DARSHAN K
First Place	National	State Level Championship	-	310615104016	Mr.Ashwin Suganthan
First Place	National	DOJO Championship	-	310615104016	Mr.Ashwin Suganthan
Second Place	National	DOJO Championship	-	310615104016	Mr.Ashwin Suganthan
Second Place	National	DOJO Champions hip	-	310615104016	Mr.Ashwin Suganthan
First Place	National	-	Talentia 2017	310616104015 ,310616104016	Akhila Krishna, Akshaya k
2 nd Prize	National	-	Talentia 2017	310617104039 ,310616104041	Jacob, Jane
2 nd Prize	National	-	Talentia 2017	310616104093 , 310616104110	Shruthi, Varsha
1 st Prize	National	-	Talentia 2017	310617104015 ,	Balaji K, Tamil Selvan, Vijay

Name of the award / medal	National / International	Sports	Cultural	Student ID Number	Name of the Student
				310616104106 , 310616104114 , 310616104116 , 310614104074	Akash, Vikash Kabilan K, Saravanapandi M
2 nd Prize	National	-	Talentia 2017	310616104106 , 310615104063	Tamil Selvan, Nivedita Suresh Kumar
1 st Prize	National	-	Talentia 2017	310615104108 , 310615104083	Vaishnavi, Sundhari
2 nd Prize	National	-	Talentia 2017	310615104087	Sanjay Kumar
2 nd Prize	National	-	Talentia 2017	310616104091	Shobika S & Team
2 nd Prize	National	-	Talentia 2017	316151040110	Vidhya
1 st Prize	National	-	Talentia 2017	310616104106	Tamil Selvan
2 nd Prize	National	-	Photo clash	310616631072	Priyanka.K
2 nd Prize	National	-	Connexions	310616631107	Vaithiyanathan. K
3 rd Prize	National	-	IPL Bidding	310616631034	Gopala Krishnan.P
3 rd prize	National	-	App God	310617631043	Lavanya.V
3 rd Prize	National	-	Turn Coat	310616631045	Joseph Paul
3 rd Prize in Hunt	National	-	Treasure	310617631044	Logeshwari.M
1 st prize	National	-	Best CEO	310617631049	Kavitha.J
1 st Prize	National	Chess	-	310617631051	Meenakshi.L
2 nd Prize	National	-	Inter College Culturals	310616205088 , 310616205118 310616205017	Sanjay Sivakumar.M,Ba laji.s,Vijay Prabhu.R
1 st Prize	National	-	Inter College Culturals	310616205088 , 310616205118 310616205017	Sanjay Sivakumar.M,Ba laji.s,Vijay Prabhu.R
2 nd Prize	National	-	Inter College Culturals	310616205088 , 310616205118 310616205017	Sanjay Sivakumar.M,Ba laji.s,Vijay Prabhu.R
2 nd Prize	National	-	Inter College Culturals	310616205088 ,	Sanjay Sivakumar.M,Ba

Name of the award / medal	National / International	Sports	Cultural	Student ID Number	Name of the Student
				310616205118 310616205017	laji.s,Vijay Prabhu.R
II Place	National	-	Inter College Culturals	310616205088 , 310616205118 310616205017	Sanjay Sivakumar.M,Ba laji.s,Vijay Prabhu.R
3 rd Prize	National	-	Inter College Culturals	310616205088 , 310616205118 310616205017	Sanjay Sivakumar.M,Ba laji.s,Vijay Prabhu.R
2 nd Prize	National	-	Inter College Culturals	310616205088 , 310616205118 310616205017	Sanjay Sivakumar.M,Ba laji.s,Vijay Prabhu.R
1 st Prize	National	-	Inter College Culturals	310616205088 , 310616205118 310616205017	Sanjay Sivakumar.M,Ba laji.s,Vijay Prabhu.R
Kumite-Black Belt Karate championship Belt Karate State level championship	National	Karate	-	310615106029	Bharat Ram V
2 nd Prize	National	-	Dance	310615106132	Sanjay Rahul
Kumite-Black Belt Karate Championship championship Belt Karate State level championship	National	Karate	-	310615106029	Bharat Ram V
2 nd Prize	National	-	Dance	310615106132	Sanjay Rahul
Yogasanna Championship	National	Yoga	-	310614106049	Harini S

5.3.2 Activity of Student Council & representation of students on academic & administrative bodies / committees of the institution (maximum 500 words)

All the departments have a student society, student chapters of various professional associations and various social clubs. Head of the Department, staff and students of the respective departments in consultation with the Principal elect the office bearers. The student society of every department conducts National level Symposium every year in which they organise various technical and non-technical events. The students are members and volunteers of the symposium. They get funding from concerned agencies and partial funding from the institution and by student membership and sponsorship.

The College has various academic and administrative bodies that have student representatives. This representation helps them in their overall development. These bodies create more avenues for students to develop technical skill, update knowledge, develop their personality and motivate them to do social service. There are staff advisers to guide students in the smooth and efficient conduct of these activities. Following are the various committees and societies of the college.

Academic and administrative committees

- Class Committee
- Library Committee
- Sports committee
- Grievance / Redressal committee
- Event management committee
- Magazine committee
- Placement and training Coordination Committee
- Cultural and fine arts committee
- Newsletter Committee
- Hostel Coordination Committee
- Special Committee for Girls Students
- Anti-ragging Committee

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words)

The Alumni Association of Easwari Engineering College was started in the year 2000, with the sole aim of setting up an excellent network amongst our alumni and our College. The idea was to facilitate and ensure a continuing and life long relationship among the alumni, students, faculty and Alma matter.

The alumni association has a faculty coordinator for the college and department alumni coordinators. This team plans and organizes two alumni meets at the college level-one an annual general body meeting and another alumni meet for all alumni. The alumni association has alumni office bearers which include President, Vice-President, General Secretary, Treasurer and Joint Secretaries. The alumni association releases a newsletter “Footprints” every year. Every department conducts at least 3 to 4 alumni interactions every semester.

Many of our alumni are placed in senior positions in companies of repute. They are spread across the length and breadth of the globe. This brings in a wealth of talent from these professionals who share their expertise and experience with the students. A number of brainstorming sessions are held on prospective avenues. Periodic meetings are arranged by the alumni coordinators where alumni from varied backgrounds are invited to deliver lectures. During these interactions, the alumni throw light on current cutting edge technical topics. They also give motivational lectures for all students including first years.

Alumni contributions also include arranging for campus placements and being part of mock placement drives thus strengthening our efforts towards achieving 100% placement. The alumni also provide inputs to students on project works and Industry-Institution Interaction.

More than 20% of our alumni pursue higher studies in premier universities abroad and in India. Hence such alumni visit the college and share their knowledge on choosing universities, the process to be undertaken for this and guide the students to apply and secure admissions for post graduate studies.

Alumni contribute towards institutional development activities and their latest contribution is Rs. Thirty lakhs towards setting up Life Skill Development Laboratory. They help create opportunities for training and special projects apart from guest lectures, industrial visits and seminars. They also suggest modifications and updating of curriculum and Value Added Courses to meet the industrial needs.

In addition, many of our alumni are successful entrepreneurs. So, they deliver guest lectures and conduct seminars to create awareness about Entrepreneurship, nurture and actualize Entrepreneurial talent among students. They also provide Entrepreneurship Development training for interested students on selected product class with orientation on preparing bankable projects. They encourage students to think of small-budget projects with innovative and beneficial ideas.

5.3.2 No. of ~~registered~~ enrolled Alumni:

12,691

5.3.3 Alumni contribution during the year (in Rupees) :

30 Lakhs (for setting up Life Skills Development Lab.

5.3.4 Meetings/activities organized by Alumni Association:

The Annual general body meeting was conducted on 25.6.2017 and the Annual alumni meet was conducted on 10.3.2018. At department level 44 activities at department level has been conducted by Alumni Association.

Activities conducted by Alumni:

S. No	Activity	Name of the Student	Title	Date
1	Guest lecture	Mr.George Viju (pursuing his M.S. in Michigan State University) 2016 passed out	Higher Studies	22.08.2017
2	Motivational talk	Akhilesh Krishnan	General Interview Preparation	13.07.2017
3	Technical talk	Varalakshmi.P.V	Importance of Online NPTEL courses	24.08.2017
4	Technical talk	S.Raj kumar	Preparation to crack the Interview	10.09.2017
5	Alumni Student Interaction	Ms.Varshini Baskaran	Motivational Talk	26/08/2017
6	Alumni Student Interaction	Mr. Harivenkatraman	Research Opportunities and areas in Networking	18.07.2017
7	Guest lecture	Mr.Aravind Prasad	Company expectations, trending technologies and skill sets to be explored.	5.7.2017
8	Guest lecture	Mr.G.Harish and Mr. Aravind.P	The interview process of Econ placement Drive.	29.06.17
9	Guest lecture	Mr.Anees Ahmed	The interview process of Econ placement Drive.	29.07.17
10	Guest lecture	Mr.Jaganathan	The interview process of Sosaley Technologies	12.08.17
11	Placement Training	Mr.Vidhya Charan, Mr.Sitharthan 2017	Softwares they are working	1.7.2017
12	Alumni Interaction	D.Roshini,2013	Impotance of Instrumentation and Process control in Automation	11.7.2017

S. No	Activity	Name of the Student	Title	Date
13	Alumni Interaction	Ms. Aishwarya Mahendran & Anuradha Sivakumar,2017	Expectations of core companies & how to face interviews	29.7.2017
14	Interaction with students - Creating awareness	Ram B	German Indo Management Studies	29/08/2017
15	Interaction with students	Sai Prashanth	Encouraging for more TCS placements	10/10/2017
16	Interaction with HOD	Shrenik Surana	Importance of ISHRAE Job junction	14/10/2017
17	Alumnus Presentation	Vijayendran, Siddarth suresh & Sivakumar krishnamoorthi	Academic activities to bridge Industry	27/11/2017
18	Guest Lecture	Swetha, 2017	Importance forth coming Semester Subjects	18.07.2017
19	Guest Lecture	Sriram-Project Lead in IBM ,2010	Growth of Product and Research Development in IBM	04.07.2017
20	Guest Lecture	Srivatsan –Entrepreneur (2010 passedout)	Entrepreneurial Skills-How to become an Entrepreneur”	03.07.2017
21	Guest Lecture	Ms.R.Preethi Nandhitha	Importance of Communication Skill	9.8.2017
22	Guest Lecture	Ms.S.Suguna	Strategies for getting University Rank	25.8.2017
23	Guest Lecture	Ms.K.Vanishree	How to face University Exams?	6.9.2017
24	Guest Lecture	Mr.Vishnu Durga Prasad & Mr.Vijayavarman	How to Publish Research Article?	23.9.2017
25	Alumni Interaction	K. Bharanidharan	Virtual reality	22.09.2017
26	Guest lecture	Mr.Amrishnath.T.S, pursuing M.S., Environmental Engineering, Colorado State	Opportunities available for Civil Engineers	08.01.2018

S. No	Activity	Name of the Student	Title	Date
		University,U.S. (2016 passed out)		
27	Guest Lecture	Prakash V R (2013 passed out)	Practical Issues in Construction	14.02.2018
28	Motivational talk	Karthikeyan .J	Motivational talk to the students regarding General awareness about the current trends in software field.	14.10.2017
29	Technical talk	Vinesh Raju	Technical Talk to the students regarding the importance Coding events like TCS Code vita , Android Applications	24.01.2018
30	Motivational Talk	Ms.Stree Vidhya	Talk on Higher studies	19.03.2018
31	Alumni Student Interaction	Ms.Keerthana	Motivational Talk	19.03.2018
32	Motivational Talk	Ms.Divya Gopinath	Trends in core companies	24.02.2018
33	Guest lecture	Mr.G.Harish	Preparation for competitive exams	05.03.18
34	Guest lecture	Mr.Anees Ahmed	Resume Preparation	12.2.18
35	Guest lecture	Mr.Ganesh Ram	Industry requirements	19.12.17
36	Guest lecture	Mr.Bharath	Core Company's expectations	19.12.17
37	Training	Mrs. Ritu Ranjani,2013	Company Expectation	23.12.2017
38	Workshop	Mr.Shams Naveeth, 2017	ARDIUNO	29.1.2018 &30.1.2018
39	Pre placement talk and Mock Interview	Mr.M.Philip Samuel, 2011	Mock Interview	26.2.2018
40	Interaction with Students	Alook Mozinder Boruah & N.R. Arvind	Higher studies in European Countries	22.12.17

S. No	Activity	Name of the Student	Title	Date
41	Interaction with HOD	Arun Krishnan	Higher studies	10.01.18
42	Guest lecture	Ms. Akshaya	How to face Interview?	19.01.2018
43	Guest lecture	Mr. Kishore	Resume Writing	19.01.2018
44	Guest lecture	Mr. Vishnu Durga Prasad	Job Opportunities	19.01.2018

CRITERION VI -GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Vision:

To accomplish and maintain international eminence and become a model institution for higher learning through dedicated development of minds, advancement of knowledge and professional application of skills to meet the global demands.

Mission:

- Easwari Engineering College strives to set high standards of comprehensive education by developing the intellectual strength of students and guiding them towards technical advancement
- Synergise the efforts of various departments, inspire creativity and foster excellence and innovation in teaching and learning so as to realize our vision as a Premier Engineering Institution
- Nurture the development of mind, skill, attitude and core competence of students.
- Attain leadership in planning and resource management so as to improve the quality and accessibility of technical education.
- Produce graduates of International distinction, committed to integrity, professionalism and lifelong learning by widening their knowledge horizons in range and depth.
- Enable students shine in their academic pursuits, making them sensitive to the needs of the progressive industrial world.
- Organise a pluralistic and supportive environment that will stimulate scholars, students and staff of the highest calibre and contribute immensely to the process of Nation building through partnership with Community and Industry.

6.1.2 Does the institution have a Management Information System (MIS)?

Yes, the Institution has a management Information System.

- Accounts and financial works
- Staff attendance biometric
- Library information system.

6.2 Strategy Development and Deployment

6.2.1 Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

- **Curriculum Development**

Our institution is affiliated to Anna University, Chennai; it abides by the changes in curriculum as prescribed by the university. Many of our faculties are members of Board of studies and curriculum development of Anna University.

- **Teaching and Learning**

- The institution always places the students at the centre of the teaching learning process.
- ICT enabled classrooms makes the student, the centre of teaching-learning process and the teacher, a facilitator for the students.
- There are provisions for sending notes and lecture presentations to group mail ids of the students.
- EDUSAT programmes help the student to understand the difficult subjects. Students make use of the internet, lab facilities to prepare for seminars/conferences/paper presentations etc.
- Students are benefitted from Online Public Access Catalogue for online access of E-Journals.
- Online course materials are hosted on the intranet server to provide access to students.
- Students are provided with internet facility for their project work and for updating their knowledge.
- They use technologies developed by the college for solving problems, prepare and analyze different methods for practical applications.
- The college also conducts various workshop, seminars, guest lectures, conferences for the students, in order to acquaint them with current emerging trends.
- Teaching/ Learning process is enhanced based on the feedback given by the students.

- **Examination and Evaluation**

- The college conducts three internal assessment tests during the semester through a centralized Examination Cell
- Each subject handler gives at least three assignments per semester.
- A tutorial plan is also prepared and followed for enhanced learning of the subjects.
- Examinations are conducted as per Anna University Reg.-2013 & Reg.2017 i.e., the question papers are set for 3 hours duration, and 100 marks
- End semester examinations are conducted by Anna University.

- **Research and Development**

- Research and Development is the one of main focuses of the Institution. Management sponsors the faculty members for pursuing their PhD programmes.
- A functional committee has been constituted by the institution to device the strategies on implementing the research and development activities.
- Funds from AICTE, UGC, DRDO and University are acquired and utilized for research and developmental activities and for upgrading the laboratories.

- **Library, ICT and Physical Infrastructure / Instrumentation**

- Availability of text books, reference books and journals in the library is ensured for the effective course delivery. Also special audio visual room is available in the library to help the students to listen to the lectures delivered on the subjects by experts from Anna University through web telecast. College has membership to access British Council Library and Anna University library.
- The college subscribes to most of the major technical journals includes IEEE, ACE, ASME, ASTM, J-GATE, McGraw-hill Access Engineer, Science Direct Journals etc. useful for researchers in various departments. Moreover NPTEL video classes are also available for 400 subjects. Besides central library, there are libraries in each department with ample volume of books, magazines and journals for easy access of reference books for faculties and research scholars. On special request from the research scholars, books required for research is made available and the library facilities can be availed for extended hours.
- The institution strongly advocates and encourages the use of ICT tools to enrich the learning experience of the students inside and outside the classroom. All classrooms are ICT-enabled including spacious seminar halls and auditorium for specialized needs.

- **Human Resource Management**

- Our institution is very much concerned of its human resources. Employees are given highest importance and their desires are recognized well.
- The recruitment procedures, service rules and promotion policies are made transparent and employees are benefitted with CL, EL, ML and EPF.
- Employee's salary will be credited in the bank account directly, the bank extension counter works all days inside the campus.
- Pay slips are issued to the employees every month.
- Non-Teaching staff have ESI facility for their family members.
- The institution encourages the employees to their promotional activities in the form of higher education, presenting research papers in National/International conferences with financial assistance.

- **Industry Interaction / Collaboration**

Industry interaction has provided opportunity for the students to undergo inplant training, industrial visit, etc.

- **Admission of Students**

- For under graduate programmes: the students are admitted through Anna University, Single window system
- For post graduate programmes: the students are admitted through a common entrance test (TANCET) conducted by the Anna University.

6.2.2 : Implementation of e-governance in areas of operations:

- **Planning and Development**

- The signing of MoU with the reputed industries supports to interact our faculty members with them to identify the industrial related problems.
- Our faculty members discuss the observed industrial related problems with the faculty members in the concerned departments to find the remedies.
- A team of faculty members meets the personalities in the industries about the solution for the identified problems in their industries.
- The team from our college submits the proposal to the funding agency in collaboration with the industry to solve the identified problems.
- ERP software has implemented for quick accessing of data and analysis.

- **Administration**

- Staff and students profile has been monitored.

- **Finance and Accounts**

- Student's yearly fee structure and managing fee collection and balances.
- Managing assets and all applicable accounting info.

- **Student Admission and Support**

- Displaying of students achievements, Implant –training, Industry specific software training courses, placement training etc.

- **Examination**

- Conducting the examinations as per the guidelines laid down by Anna University for University Examinations.
- Preparation of Invigilation list, Squad, QP & seating plan for CAT exam in consultation with HOI.
- Maintain database / details required for Anna Univ and updating continuously.
- Monitoring uploading of attendance and Internal Marks as per the requirement of AU.
- Maintain Result Analysis, Rank List of all UG & PG.
- Maintain the cordial relationship with AU and address exam related issues for the students and faculty.
- Plan, prepare and conduct the practical examinations as per schedule.
- Maintain the cordial relation with cluster colleges for smooth conduction of theory examinations.
- Provide the hospitality for internal and external examiners during the Anna University examinations.

- Class test analysis and cycle test analysis can be carried out through this ERP.

6.3 Faculty Empowerment Strategies

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Mrs.T.Kalaiselvi	Workshop-Bio medical research annual symposium.	NIL	1500

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non-teaching staff during the year

Year	Title of the professional development programme organized for teaching staff	Title of the administrati ve training programme organized for non- teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non- teaching staff)
2017	Workshop on Turbulence Modeling in Computational Fluid Dynamics using RANS Equation		29.06.2017	25	
2017	One Week Workshop on Troubleshooting in Two and Four Wheeler		04.12.2017 to 09.12.2017	45	
2017	ETABS –CIVIL		7.7.17 to 8.7.17	21	
2017	New Faculty Induction and Orientation Programme		16-06-2017 to 17-06-2017	14	
2017	Problem Solving		18-08-2017	28	

Year	Title of the professional development programme organized for teaching staff	Title of the administrative training programme organized for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
	and Python Programming				
2017	AICTE Sponsored Faculty Development Programme On "Design and Mitigation of Issues in Micro-Grids using HOMER and PVsyst"		13.11.2017 - 29.11.2017	62	
2017	Faculty Development Training Programme on ME6401 - Kinematics of Machinery		01.12.2017 to 09.12.2017	25	
2018	Two days hands-on workshop on R and python programming for machine learning and big data analytics		4.01.2018 to 5.01.2018	85	
2018	National Seminar on IoT and Big Data Analytics		24.01.2018	51	
2017	IET workshop on Raspberry Pi and Big Data Analysis		5.09.2017 to 6.09.2017	73	
2017	IET workshop on Big Data Analytics Cloud and Distributed Computing		12.09.2017 to 13.09.2017	75	
2017	Structural Equation Modeling & Basic		11.05.2017	20	

Year	Title of the professional development programme organized for teaching staff	Title of the administrative training programme organized for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
	Applications				
2018	Strategies to Enhance ESL Teaching		14.2.18	23	
2017	Workshop on Differential and Integral Calculus		11.08.2017	75	
2018	Workshop On 3D PRINTING		09.01.18 to 10.01.18	20	
2018	Workshop On Concrete Technology		11.01.18	134	
2018	Workshop On Stability Of Structures		15.02.18 & 16.02.18	30	
2018	Space Gas Structural Engineering Software		05.04.18	10	
2017	Faculty development programme- Control system.		12.06-17 to 17.06.17	25	
2018		Orientation Programme on Innovative Process of Better Administration for Institute and Departments	23.04.2018		25

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the Professional Development Programme	Number of teachers who attended	Date and Duration (from - to)
Advance In Gas Dynamics And Jet Propulsion	3	14.12.2017 To 16.12.2017
Engineering Graphics	1	18.08.2017
Kinematics Of Machinery	1	01.12.2017 To 09.12.2017
Workshop On Turbulence Modeling In Computational Fluid Dynamics Using RANS Equation	5	29.06.2017
National Level Workshop On Research Methodology	1	19.08.2017
Workshop On Maplesoft Product Overview – Level 1	15	14.09.2017
Mental Health And Stress Management For Teachers	2	07.03.2018
Stability Design Of Steel Structures	2	6.11.17 To 11.11.17
Earthquake Resistant Design Of Structures	1	18.12.17 - 22.12.17
Applied Hydraulic Engineering	1	6.12.17 - 13.12.17
ETABS -Civil	12	7.7.17 -8.7.17
Problem Solving And Python Programming	32	18-08-2017
Data Science- Clustering Analysis And Pattern Discovery	2	06.12.2017 To 08.12.2017
Advances In Robotics And Autonomous System	1	10.04.2017 – 11.04.2017
Control Systems	1	12.06.2017 – 18.06.2017
Make In India-Transforming Research To Reality	1	05.09.2017
Image Processing Using Open CV	1	22.09.2017 – 23.09.2017
5g Mm Wave Radio Transmission For Ultra-High Speed Wireless Technologies	2	13.11.2017 – 17.11.2017
Workshop On ‘Iot’	1	28.11.2017
RF Circuits And Antenna Design Using ADS, CST And HFSS	5	27.11.2017 - 29.11.2017
Secure Systems Engineering	4	05.12.2017– 14.12.2017
The Art Of Doing Research	2	16.12.2017
Microprocessors And Microcontrollers	1	

Title of the Professional Development Programme	Number of teachers who attended	Date and Duration (from - to)
Green And Energy Efficient Buildings And Emphasis On Power Management'	1	15.06.17-16.06.17
Applied Soft Computing	1	12.06.2017-18.06.2017
"Design And Mitigation Of Issues In Micro-Grids Using Homer And PV _{sys} "	26	13.11.2017-29.11.2017
Circuit Theory	7	27.11.2017 To 03.12.2017
Entrepreneurship	1	04.06.2017-16.12.2017
Internet Of Things For Industrial Applications	3	19.01.2018-20.01.2018
Biomedical Research	1	24.01.2018 - 25.01.2018
Embedded Systems	1	01.12.2017 To 08.12.2017
Ethics In Education Faculty-Student Transformation	2	06.11.2017 To 19.11.2017
Applied Soft Computing	2	12.06.2017 To 18.06.2017
Familiarization Workshop On Nanofabrication Technologies	4	29.11.2017 To 01.12.2017
Entrepreneurship	1	15.11.2017 To 30.11.2017
Recent Developments In Welding Of Non Ferrous Alloys	4	25.11.2017 To 26.11.2017
Workshop On Photo-Voltaic	1	29.11.2017 To 01.12.2017
Automotive Vehicle Subsystems Using Modern Tools And Equipment	1	06.11.2017 To 21.11.2017
Industrial Robotics	2	29.11.2017 To 30.11.2017
Computational Fluid Dynamics In Engineering & Design	4	04.12.2017 To 17.12.2017
CATIA Kinematics	8	07.12.2017
Advances In Refrigeration And Air Conditioning	1	11.12.2017 To 15.12.2017
Finite Element Analysis	2	14.12.2017 To 16.12.2017
Kinematics Of Machinery	5	01.12.2017 To 09.12.2017
Information Technology Essentials	1	21.11.2017 To 27.11.2017
Machine Learning With R Programming	2	30.11.2017 - 1.12.2017
Automata Theory And Compilers	2	13.12.2017 To 15.12.2017
Compiler Design	3	4.12.2017 To 11.12.2017
Continuing Education Program On "Secure System Engineering"	3	5.12.2017 To 14.12.2017
Machine Learning Using R Programming	1	27.11.2017 To 1.12.2017
Smart Cities Based On IOT	1	4.1.2018 To 5.1.2018

Title of the Professional Development Programme	Number of teachers who attended	Date and Duration (from - to)
Troubleshooting In Two And Four Wheelers	3	4.12.2017 To 9.12.2017
Management Teaching And Research	2	06.07.17
Thesis Writing	3	18.11.17
“The Internet Of Daily Life – The Digital Web”	2	22.11.17
R And Python Programming For Machine Learning And Big Data Analytics	3	04.01.2018 - 05.01.2018
Big Data Analytics, Hadoop & Eco System	3	09.02.2018
Instructonic	1	29.6.17
Teaching Communication & Literature	2	13.7.17 & 14.7.17
Turbulence Modeling CFD Using RANS Equation	2	29.6.17 & 30.6.17
Application Of Graph Theory	2	19.8.17
Workshop On Fuzzy Set Theory And Its Applications	1	9.3.17
Statistical Methods In Finance 2017	1	16.12.17 to 19.12.17
Physics For Civil Engineering And Material Science	4	10.01.2018 To 12.01.2018
Modern Construction Materials & Construction Techniques	2	21.05.2018 to 26.05.2018
Vehicle Design data Characteristics	1	02.06.2018 To 09.06.2018
FDP on Design of Machine Elements	3	25.05.2018 To 31.05.2018
FDP on Design of Machine Elements	3	28.05.2018 To 04.06.2018
Adaptive signal processing and machine learning	4	4.6.18 to 9.6.18
Application of systems approach to water resources Engineering.	4	1.5.18 to 6.5.18
Control strategy prediction between conventional and intelligent controller	2	18.4.18 to 24.4.18
Internet of things for industrial application.	1	19.1.18 to 20.1.18
AICTE-ISTE Sponsored Induction Programme on ‘ICT Based Instructional, Design and Delivery for Outcome Based Education’ organized by Department of Electronics and Communication Engineering, Easwari Engineering College	02	14 th to 19 th May 2018
Three Day Faculty Development Program on Physics for Civil Engineering and Material Science organized by Department of Physics, KCG College of Technology	04	10 th to 12 th January 2018

6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment):

Teaching		Non-Teaching	
Permanent	Fulltime	Permanent	Fulltime
80	80	35	Fulltime

6.3.5 Welfare schemes for

Teaching	<ul style="list-style-type: none"> • EEC employees avail hospital facility from SRM Specialty hospital as SRM is the sister concern of EEC. Medicines are available in subsidy prices. • EPF is been paid to all employees as per PF act. • ESI Scheme – Employees drawing less than Rs.15000/- PM. They are covered under ESI and can avail this benefit directly with ESI Clinic / Hospitals • Employees who complete more than 10 years of service are honored. • Tuition fee waiver for the wards of the staff.
Non teaching	<ul style="list-style-type: none"> • 133 non-teaching staff members availed ESI scheme. • Staff welfare fund • EPF • Maternity leave • Transport facility • Hospital facility
Students	<ul style="list-style-type: none"> • The Founder's scholarship is available for students who are from the low income group. • Received AICTE grant-in-aid of Rs.17,95,000/- for Skill and Personality Development of SC/ST Students. • For students admitted under the sports quota, the academic fees as well as accommodation fees are waived. • Students securing 100% attendance in an academic year are given a concession of Rs.5000/- in the fees collected for the next academic year. • A group insurance scheme has been started for the students • The top 8 students from each branch are given free IET membership. • Special placements are arranged for girl students in IBM and Google. • Sponsorship is given to students to present their papers at both the national and international level. • The college has arranged Skill Development Program with Tamil Nadu Industrial Development. • Corporation to increase the employment possibilities of the SC/ST students of the institution. • The top ten students of each class are given two extra library cards to enable them to take additional books.

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly (with in 100 words each)

- Experienced and efficient personnel conduct internal audit once in a month.
- External audits are done by Proficient financial auditors
- In the Audits, Experts verify all transactions.
- There were no major observations noticed and the reports of the same are available.

6.4.2 Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non-government funding agencies / individuals	Funds/ Grants received in Rs.	Purpose
IET Sponsored two days workshop on Renewable energy sources	Rs.30,000/-	Organizing workshop
IET Sponsored two days workshop on Modelling and control solar energy systems.	Rs.25,000/-	Organizing workshop

6.4.2 Total corpus fund generated : Rs.15,00,00,000

6.5 Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	ISO / NBA	Yes	Faculty members / Committee
Administrative	Yes	ISO / NBA	Yes	TUV / Committee

6.5.2 Activities and support from the Parent - Teacher Association (at least three)

The management arranges for a parent – teachers meet once in a semester during a weekend. The parents are identified and invited by faculty advisors of all the departments. Student’s academic performance, university results, attendance and other related issues are discussed.

6.5.3 Development programmes for support staff (at least three)

For the supportive staff at college level Training programmes on computer applications, filing, accounts etc., are organized periodically.

6.5.4 Post Accreditation initiative(s) (mention at least three)

- FIST
- ISO – 2015 (upgrade)
- Got NBA for 7 UG Programmes
- Got Consultancies by 4 various departments
- Institution has applied for autonomous.
- Students are encouraged for student's internship programs.
- Quality research and patents improvement has been addressed.

6.5.5

- a. Submission of Data for AISHE portal : (Yes /No) : Yes
b. Participation in NIRF : (Yes /No) : Yes
c. ISO Certification : (Yes /No) : Yes
d. NBA or any other quality audit : (Yes /No) : Yes

6.5.6 Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from ----- to -----)	Number of Participants
2018	Training program for New procedures ISO 9001-2015.	03.02.2018	1 day	18
2017	Faculty Induction Program	16.06.2017	2 days (16.6.17 to 17.6.17)	3

CRITERION VII - INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period (2017 - 18)	Participants	
		Female	Male
ED conclave	19-3-2017	100	112
Trans women Project on “Jewelry Making”	8th March 2018 to 9th March 2018	24	-
Women’s day celebrations	8.3.2018	153	112

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

1. A Guinness Record by conducting Largest Environmental Sustainability Lesson on 16th March 2018 through ‘Nature for Water’ as part of World Water Day celebrations, 2307 students were a part of the campaign.

2. Under the theme “NATURE FOR WATER” the members of YUGA CLUB worked their best to celebrate the 25th World Water Day (22nd March) in a fruitful way. As an initiative they installed three Ultra Purifiers and a R.O. purifier at the Govt. High School, Sirugalathur. The purifiers were sponsored by Mr. Jothi Ramalingam – M/s. AEROFLY COMPOSITES.

RO plant, Solar Water Heater, Reverse Osmosis water facility are installed in college and hostels for sufficient clean water supply and power backups are in place for use during power failure emergencies.

7.1.3 Differently abled (Divyangjan) friendliness

Items Facilities	Yes / No	No. of Beneficiaries
Physical facilities	Yes	5
Provision for lift	Yes	5
Ramp / Rails	Yes	5
Braille Software/facilities	No	-
Rest Rooms	Yes	5
Scribes for examination	Yes	5
Special skill development for differently abled students	Yes	5
Any other similar facility	-	-

7.1.4 Inclusion and Situatedness

Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
2017	2	3	August 21	Rural students learning	Educating Rural Students in this location	20
2018	1	1	7th March 2018	Awareness on Road Safety.	Two wheeler Accidents happening. Rash driving, billion riding, over speeding	350 students, 150 staff
2018	1	1	7th March 2018	Awareness on Wearing Helmet	Fatal incidents due to head injury	350 students, 150 staff
2018	1	1	22nd March 2018	Guinness world record on “ Water Conservation”	Future Water Scarcity	2304 students
2018	1	1	14th March to 20th March 2018	Special Camp for Dental Check up, Science modelling in Kanchipuram District	Regular Dental Check up Technology development	150 students, 5 staff members.

7.1.5 Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)
Tree Plantation and Awareness programme on treeplanting	5.10.17	40
Personal Cleanliness and Motivational activity for Students.	11.11.17	40
College Brochure	June 2017	Rules and Regulation for Students. Anti-Ragging. Disciplinary Rules.

7.1.6 Activities conducted for promotion of universal Values and Ethics

Activity	Duration (2017 -18)	Number of Participants
International Women's day	08.3.2018	100
Awareness program on water conservation	22.3.2018	3000
IET sponsored workshop on e-mobility	24.3.2018	100
National Level Conference on "Technological Advancements in Power Systems and Power Electronics Engineering"	26.4.2018	33
National Level Technical Symposium SPANGLES-18	22.2.2018	350
Mini project contest-18	10.2.2018	60
Two Week FDP on Design and mitigation of issues in Micro- Grids using HOMER and PV syst from	13.11.2018- 29.11.2018	63
IET sponsored one day workshop on development and challenges on solar energy	26.9.2017	100
Solar and Smart energy systems for product developments	11.8.2017	109

7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)

- Organizing Periodical camps on Environmental awareness and Energy conservation
- Implementation of Solid waste Management System
- Implementation of Rainwater Harvesting System
- Implementation of Sewage Treatment Plant to treat and reuse waste water for plantation
- Implementation of Solid waste Management System
- Efforts for Carbon Neutrality
- Implementation of Rainwater Harvesting System
- Implementation of Sewage Treatment Plant to treat and reuse waste water for plantation
- Green environment consciousness is ensured with Sewage Treatment Plant and Recycling plants, Rain Water harvesting in all buildings and having more than 700 trees on campus.

- **Energy conservation**

A team of faculty members from the department of EEE visits the entire college campus and submits the report and suggestion on electrical energy conservation and utilization to the Principal. The usage of electrical lights is reduced by large windows available in the class rooms.

- **Use of renewable energy**

There is a provision for segregated solid waste management with a bio gas plant . The college uses two solar water heaters in the hostels.

- **Waste Water Management:**

Waste water treatment plant is available in the campus. The recycled water is reused for gardening.

- **Water harvesting**

All the buildings have rain water harvesting structure.

- **Check dam construction**

Culverts are built by the institution to prevent the overflow of water from the lake nearby the college, during the rainy seasons.

- **Efforts for Carbon neutrality**

The carbon neutrality is achieved in the campus mainly through planting trees and the steps taken not to cut trees for any reason . The college is an attractive peaceful campus full of greenery which improves the academic ambience, reduces global warming. They offer gloominess in summer and act as wind breakers in winter season. It reduces the use of air conditioners, fans, etc., Trees are effective cleansers and remove pollutants from air and soil thus minimizing the carbon foot print. A student forum called 'YUVA' has been initiated to improve the green house effects and to increase the awareness among students about the same. A visit has been organized by the students in association with "NIZHAL" , an NGO to save trees in the Chennai city.

- **Plantation**

No trees in the campus are cut for any reason. This policy ensures the complete greenery in the campus with more than 700 trees . New trees are planted every year and the water required for gardening is made available through water treatment plants.

- **Hazardous waste management**

No stagnation of sewage waste. Proper flushing of sewage flow out of campus is taken care without fail and ensured periodically.

- **E –Waste management:**

A committee is available to identify the scrap items after every stock verification. The e-waste generated is given to the authorized dealers who purchase the scrap and reuse the useful components. The electronic and electrical items are given to the students to dismantle and reassemble, that helps practical oriented learning. News paper cuttings of hazards of e- wastes are also frequently displayed in the notice boards.

7.2 Best Practices

Describe at least two institutional best practices

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

- ERP software for monitoring academic activities.

- Pedagogy Techniques such as flipped class room, Mind mapping, Role play, Video animations, Flash cards, Debate, Tech talk and Model based teaching to enhance students' involvement in learning.
- Pedagogy Techniques such as flipped class room, Mind mapping, Role play, Video animations, Flash cards, Debate, Tech talk and Model based teaching to enhance students' involvement in learning.
- Conducting Bridge Courses at the beginning of the semester, Remedial classes for slow learners and additional support for toppers.
- Academic Advisory Committee for all departments with members from IIT, Anna University and allied industry to provide inputs on latest advancements in the field, better content delivery methods and current industry requirements.
- Research Advisory Board comprising stalwarts in Engineering and Technology provide suggestions to improve research activities and also whet the project proposals before being sent to the funding agencies.
- Youth Under Green Awareness club (YUGA) along with experts conduct Green audit of campus and energy audit.
- Solar energy used through Solar Water Heaters in hostels.
- Waste water management done through use of bio-plant and sewage treatment plant, Rain Water Harvesting for all buildings and construction of culverts during rainy season to contribute towards campus development.
- EEC TIMES, a daily newspaper published with information on the day's activities, prizes won by students and faculty and profiles of faculty and student achievers motivates students to perform and excel.

<http://srmeaswari.ac.in/yuga-club/>

YUGA (Youth Under Green Awareness) club was started to create awareness, build attitudes and help students take up activities in real world.

- Create awareness
- To bring a change in people's attitude towards the environment
- Create a better society

On going Events: Naming trees in our campus

- <http://it.srmeaswari.ac.in/course-materials/>

Title of the Practice: I

Value additional courses for students throughout their period of study apart from regular curriculum.

Value Added Courses	Date of Introduction	Number of Students Enrolled
Department of Automobile Engineering		
Auto CADD	26.06.2017	51
CATIA	26.06.2017	62
MATLAB	26.06.2017	59
ANSYS	26.06.2017	61
Department of Civil Engineering		
Primavera	December 2018	134
Etabs	July 2018	131
Revit	July 2018	101
Archicadd	September 2018	110
Department of Computer Science and Engineering		
Web Design	22.8.2017	120
Python Programming	26.06.2017	116
CCNA	26.06.2017	118
HADOOP	26.06.2017	134
Department of Electrical and Electronics Engineering		
ORCAD	August 2017	118
C,C++ & JAVA	24th And 27th To 30th June'17	103
MATLAB	24th And 27th To 30th June'17	110
ROBOTICS	24th To 28th July'17	144
Department of Electronics and Communication Engineering		
PYTHON	26.06.17 to 30.06.17	187
CCNA	26.06.17 to 30.06.17	187
LABVIEW	26.06.17 to 30.06.17	176
PYTHON Programming	4.9.17 to 24.4.18	150
Department of Electronics and Instrumentation Engineering		
Industrial Automation	02-07-2017	113

Value Added Courses	Date of Introduction	Number of Students Enrolled
Labview	02-07-2017	87
Java	02-07-2017	103
C,C++	02-07-2017	100
Department of Mechanical Engineering		
AUTOCAD	22.8.2017	160
CREO	18.06.2017	211
ANSYS	18.06.2017	198
HYPERMESH	18.06.2017	210
Department of Information Technology		
Web Designing	21.8.17	113
Python	24.6.17	121
CCNA	24.6.17	101
Hadoop	10.7.17	126
Department of Master of Business Administration		
SAS	309.2017	107
SAS	10.07.2017	108

Goal:

1. To bridge the gap between the university curriculum and the industrial need.
2. To enrich the students with more knowledge beyond their subjects syllabus.
3. To help students prepare technically for placement.
4. To cope up with the recent trends in the respective subjects.
5. To make the students get expertised in areas which in turn improve their confidence level.
6. To inculcate continuous learning among students which is required for career development.
7. To facilitate the students to have up-to-date technological information.
8. To set standards that defines the levels of knowledge and competence needed for an advanced learner.
9. To make a difference among students by getting involved and connecting with best resources in Engineering.
10. To provide an environment where fun and innovation in creative processes are encouraged among students.
11. To facilitate students get certifications from renowned industrial authorities and other bodies.

Title of the Practice: II

Institution has follow up of “Functional Committee” where in there are 43 committees are functioning effectively to ensure quality implementation of the procedures.

Goal:

1. To decentralize the decision making
2. To ensure effectiveness in teaching-learning process through regular academic audits.
3. To improve the professional society activities
4. To maintain discipline and related activities.
5. To associate with Anna University (affiliated University) press and media coverage.
6. To offer assistance for Top ranking students and slow learners monitoring, through result analysis and data base management.
7. To conduct programmes for faculty and student development.
8. To imbibe interest and leadership qualities among students in Extra Curricular and Co-curricular activities through III cell, ED cell, NSS, Energy club, YRC, Rotaract, sports, Tamil mandram, Science Association, Maths Colloquium, Cultural Committee, Literary and Fine Arts.
9. To address the Grievance through Grievance Redressal Committee.
10. To enhance the research activities and image building of institution

7.3 Institutional Distinctiveness

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust. Provide the weblink of the institution in not more than 500 words

The Institution has set up an AICTE sponsored Innovation design cell to improve the learning through projects. Bridge Courses for first years and lateral entry students are conducted regularly. Pedagogical Initiatives has been taken through various methodologies like experimental learning, model making, NPTEL videos etc. Value Added Courses are conducted for all students.

PLACEMENT

The Placement Department, on its own and / or in association with SRM ENGINEERING COLLEGE / OTHER LEADING INSTITUTION[S], maintains a very close Interaction and Coordination with Industries to assess Career Opportunities for our Students. Apart from Networking, Communications, Correspondence and Personal Meetings, well organised Campaigns are held to project our Strengths and create job opportunities.

In a Structured Manner, Resumes are Prepared in Electronic format and in conventional Forms and kept ready in Order to make them available for General and Specific Needs of the Industries.

Through several preparations, including Group Discussions and Mock Interviews, students are enabled to present themselves successfully in the Campus Interviews.

<http://srmeaswari.ac.in/placement-records/>

OVERALL PLACED COUNT - As on MAY 26 2018								
DEPT	UG			PG			TOTAL PLACED	TOTAL OFFERS
	TOTAL COUNT	PLACED	DUAL OFFERS	TOTAL COUNT	PLACED	DUAL OFFERS		
AUTO	61	20	7	0	0	0	20	28
CIVIL	134	51	9	18	2	0	53	64
CSE	134	107	55	8	3	0	110	166
ECE	187	163	50	15	4	0	167	220
EEE	144	99	33	2	1	0	99	133
EIE	112	90	25	0	0	0	90	116
IT	126	87	31	2	0	0	87	121
MECH	215	112	39	4	0	0	112	150
MCA	0			40	14	0	14	14
MBA	0			109	44	34	44	78
Total	1113	729	249	198	67	34	796	1090

8. Future Plans of action for next academic year (500 words)

1. Increase University ranks
2. Faculty members and students are motivated to publish research papers(Inter-discipline area)
3. Faculty members and students are motivated to do higher studies.
4. Participation of students in national/inter-national events.
5. Train the students in upcoming technologies to meet industry expectations.
6. Get more Funded projects from funding agencies.
7. Conduct of department activities by renowned alumni,professional bodies and MOU.
8. Strengthening the industry institute interaction by conducting various events such as guest lectures, industrial visit, workshop and faculty development programmes.
9. Students are motivated to involve in social relevant projects and activities.
10. Organise environmental awareness, personality development and entrepreneurship development programmes.