Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**EASWARI ENGINEERING COLLEGE**
Name of the head of the Institution	**Dr.R.S.KUMAR**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**04443923022**
Mobile no.	**9789996247**
Registered Email	**principal@eec.srmrmp.edu.in**
Alternate Email	**rs_kmr@yahoo.com**
Address	**Bharathi Salai Ramapuram**
City/Town	**Chennai**
State/UT	**Tamil Nadu**
Pincode	**600089**
2. Institutional Status	

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr.G.S.AnandhaMala**
Phone no/Alternate Phone no.	**04443923114**
Mobile no.	**9444240842**
Registered Email	**iqac@eec.srmrmp.edu.in**
Alternate Email	**eec.iqac@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	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**
if yes,whether it is uploaded in the institutional website: Weblink :	http://srmeaswari.ac.in/academic-calendar/

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.85	2015	01-May-2015	30-Apr-2020
2	A	3.10	2017	30-Oct-2017	29-Oct-2022

6. Date of Establishment of IQAC	**10-Jun-2017**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

Improve teaching and learning experience of teacher (teaching) and learning (students)	12-Oct-2018 1	1030
Improvement of Pass Percentage- Class Coordinators Meeting	13-Aug-2018 1	50
UGC Visit-Autonomy Status	15-Apr-2015 2	250
ISO 9001:2015 Surveillance Audit by TUV -ISO Up gradation	29-Mar-2018 2	250
Improvement of Pass Percentage- Class Representative Meeting	14-Aug-2018 1	40
Improvement of Pass Percentage-Toppers Meeting	14-Aug-2018 1	200
Improvement of Pass Percentage-HOD meeting	13-Aug-2018 1	7
Quality improvement	03-Aug-2018 1	250
Pedagogical Initiatives for Academic Improvement	25-Jul-2018 1	150
Audit for NBA files	10-Jul-2018 1	250
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr.G.S.AnandaMala Dr.K.M.Anand Kumar	DDP	DST	2019 730	2000000
Dr S Sathimurthy	FDP	AICTE	2019 15	4.18
Dr Gunaselvi	FDP	AICTE	2019 15	4.75
Dr. S. Lavanya Prabha	FDP	AICTE	2019 7	2.98
View File				

9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File

10. Number of IQAC meetings held during the year :	**2**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

12. Significant contributions made by IQAC during the current year(maximum five bullets)

• Autonomous status sanctioned for 10 years (20282029) by UGC.

• NAAC Reaccreditation – Institution is accredited with 'A' grade

• NIRF - 200th rank

• India Today - Best B School - 218th in all India

• Swachh Campus Ranking 2019 – 5th position in Higher Educational Institutions under Non-Residential College, AICTE • ISO Upgradation – Institution is ISO 9001:2015 certified as on 15th & 16th April 2019 • Rs.100 Lakhs Fund sanctioned from DST through FIST • NBA – All depts Accredited for 3 years

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

Plan of Action	Achivements/Outcomes
Dissemination of curriculam –course structure for clear understanding for student committee.	**Tree diagram for R2017 Curriculum was made available in all departments and in website (reference to circular 27.07.2018)**
Quality improvement– Effectiveness of laboratory classes to enhance subject knowledge	**An initiative to map laboratory experiments with the current theory subjects of relevance was done between03.07.2018 to 06.07.2018. • In order to improve students subject knowledge, apprehending ability and skill development.(reference to circular 03.07.2018)**
Pedagogical Initiatives for Academic Improvement'	**A Debate on 'Pedagogical Initiatives for Academic Improvement' was conducted on 25.07.2018 focused on following**

	links. • Course outcomes and program me outcomes-technology initiative needed. • New schemes or methods for students academic improvement-in current scenario. • Need for research to enable academic improvement. .(reference to circular 19.07.2018)
Audit for NBA files.	Verification of files as per the requirements of NBA • Was done in two phases as • Mock Audit I On 11.08.2018 • Mock Audit II On 08.09.2018 .(reference to circular 10.07.2018)
Strategy to improve staff and students performance	To improve the performance of the staff and students, it is proposed to announce STAR-Faculty of the department and STAR-Student of the department from the month of July 2018. (reference to circular 23.07.2018)
To improve the pass percentage of all cleared students	The professor (Dr.V . Elango , VP(Academics) Dr.K .Murugesan,VP (Admin) Dr.S. Nagarajan, HOD/EIE) Dr.G.S. Anandhamala, prof/CSE) are responsibilities to achieve the objectives of getting “all pass ”by all cleared students in CAT II Exam.(Reference To Circular 13.08.2018)
Addressing slow learners	Academic Performance Report Cum University Exam schedule for identified slow learners was made. (Reference To Circular 13.08.2018).
Addressing Toppers	Issue of Rank certificate to toppers of Continuous Assessment Test – I as a motivation was done
Improve teaching and learning experience of teacher (teaching) And learning (students).	As a pedagogical initiative –Content Delivery through digital platform was done between 07.10.2018 to 12.10.2018. (Reference To Circular 06.10.2018)
End semester Exit Poll Survey	Anna university Nov / Dec 2018 examination exit poll survey was done. (Reference To Circular 31.10.2018)
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
GOVERNING COUNCIL	22-Dec-2018

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

Date of Visit	**15-Apr-2019**
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2019**
Date of Submission	**28-Jan-2019**
17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**Yes, the Institution has Management Information SystemImpress 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 • Institutions Internal Assesment: 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**

Part B

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.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
PYTHON		18/12/2018	5	Employability	Student can improve Problem solving skills
CCNA		25/06/2018	5	Employability	Gain knowledge in networks and related technology
NON POLYNOMIAL		25/06/2018	5	Employability	Students can gain information about algorithm and different techniques
WEB DESIGN		23/01/2018	15	Employabilit	HTML JAVA

			y	script concepts
Smart Materials and Intelligent System Design	06/08/2018	1	Employability	To improve the technical skill and competency skill
Leadership	06/08/2018	1	Employability	Managerial Skills
English for Competitive Exams	06/08/2018	1	Employability / Entrepreneurship	Communication Skills
Laws of Thermodynamics	06/08/2018	1	Employability	To improve the technical skill and competency skill
Product Design and Innovation	30/07/2018	1	Employability	To improve the technical skill and competency skillTo improve the technical skill and competency skill
Noise Management and Control	06/08/2018	1	Employability	To improve the technical skill and co
Aircraft Stability and Control	30/07/2018	1	Employability	To improve the technical skill and competency skillTo improve the technical skill and competency skill
Solidworks	17/06/2018	1	Employability	To improve the technical skill and competency skill
Hypermesh	17/06/2018	1	Employability	To improve the technical

				skill and competency skillTo improve the technical skill and competency skill
NonDestructive Testing	17/06/2018	1	Employability	To improve the technical skill and competency skill
LABVIEW	24/06/2018	7	Employability	To improve the technical skill and competency skill
DCS / SCADA	29/06/2018	7	Employability	To improve the technical skill and competency skill
EMBEDDED SYSTEMS	25/06/2018	7	Employability	To improve the technical skill and competency skill
Web Designing	05/09/2018	5	Employability	Web designing skills will be improved
Artificial Intelligence	25/06/2018	5	Employability	Knowledge about Artificial Intelligence Techniques and its applications
R Programming and Hadoop	25/06/2018	5	Employability	Knowledge about Big Data Analytics Frameworks
Python	18/12/2018	5	Employability	language to develop applications for handling Big Data
IoT	21/01/2019	84	Employabilit	Knowledge

			y	about IoT
Introduction to Soft Computing	21/01/2019	84	Employability	Knowledge about Soft Computing
Social Networks	21/01/2019	84	Employability	Knowledge about Social Network Analysis
Machine Learning	21/01/2019	84	Employability	Knowledge about Machine Learning algorithms and applications
LABVIEW	24/06/2018	7	Employability	To improve the technical skill and competency skill
DCS/SCADA	29/06/2018	7	Employability	To improve the technical skill and competency skill
EMBEDDED SYSTEMS	25/06/2018	7	Employability	To improve the technical skill and competency skill
C, C	25/06/2018	7	Employability	To improve the technical skill and competency skill
MATLAB	25/06/2018	5	Employability	Students can able to analyse the working of the system by simulation and analysis.
Non Destructive Testing	25/06/2018	5	Employability	Students can able to investigate the welding and find the failure

				inside the materials.Students can able to investigate the welding and find the failure inside the materials.
LS Dyna	25/06/2018	5	Employability	Students can able to do crash analysis in the vehicle.
CVA 002Integrated Structural Engineering Of Building Structures	01/12/2018	1	Employability	To improve their structural design skill
PRIMVERA	17/12/2018	1	Employability	Skill development
E TABS	17/12/2018	1	Employability	Skill development
3DMAX	17/12/2018	1	Employability	Skill development
AUTO CAD	17/12/2018	1	Employability	Skill development
Advanced Topics in the Science and Technology of Concrete	01/03/2019	1	Employability	Skill development
Electronic Waste Management Issues and Challenges	01/03/2019	1	Employability	Skill development
NPTEL BUSINESS ANALYTICS AND DATA MINING MODELLING USING R	21/01/2019	84	Employability	STUDENT GAINED KNOWLEDGE IN BUSINESS ANALYTICS.
NPTEL HUMAN BEHAVIOUR	21/01/2019	56	Employability	STUDENT GAINED KNOWLEDGE IN THE FUNDAMENTAL THEORIES OF HUMAN

				BEHAVIOUR
NPTEL PRINCIPLES OF HUMAN RESOURCE MANAGEMENT	21/01/2019	56	Employability	STUDENT GAINED KNOWLEDGE IN THE PRINCIPLES OF HUMAN RESOURCE MANAGEMENT.
SERVICES MARKETING: A PRACTICAL APPROACH	21/01/2019	84	Employability	STUDENT GAINED KNOWLEDGE IN VARIOUS APPROACHES IN SERVICE MARKETING.
Educational Leadership	06/08/2018	84	Effective Acadamic Administration	This course helps to study about the Educational Leadership skills.
Introduction to Wireless and Cellular Communications	06/08/2018	84	Employability	It deals with the study of all circuit theorem and the introduction of Wireless and Cellular Communications
OpAmp Practical Applications: Design, Simulation and Implementation	06/08/2018	84	Employability	Gain knowledge in Design, Simulation and Implementation of OpAmp
Principles of Signal Estimation for MIMO/ OFDM Wireless Communication	06/08/2018	84	Employability	Gain knowledge in Principles of Signal Estimation for MIMO/ OFDM Wireless Communication.

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction

No Data Entered/Not Applicable !!!	
View File	

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.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	AUTOMOBILE	02/07/2018
BE	CIVIL	02/07/2018
BE	COMPUTER SCIENCE	02/07/2018
BE	Electronics and Communication	02/07/2018
BE	Electronics and Instrumentation	02/07/2018
BE	Electrical and Electronics	02/07/2018
BE	Mechanical Engineering	02/07/2018
BTech	Information Technology	02/07/2018
ME	Structural Engineering	02/07/2018
ME	Computer Science Engineering	02/07/2018
ME	Communication Systems	02/07/2018
ME	Embedded System Technologies	02/07/2018
ME	Engineering Design	02/07/2018

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	271	0

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Artificial Intelligence And Robotics	25/06/2018	155
NDT	24/07/2018	120
MATLAB	24/07/2018	120
Integrated Structural Engineering Of Building Structures	01/12/2018	17
Primavera	17/12/2018	131
ETABS	17/12/2018	96
3dMAX	17/12/2018	110
Python	18/12/2018	117
CCNA	25/06/2018	113

Non Polynomial	25/06/2018	107
Web Design	23/01/2019	117
AUTO CADD	22/01/2019	82
C,C	25/06/2018	108
MATLAB	25/06/2018	103
ROBOTICS	25/06/2018	108
LABVIEW	25/06/2018	102
DCS/SCADA	29/06/2018	86
EMBEDDED SYSTEMS	25/06/2018	99
C, C	20/06/2019	72
IOT And App Development	25/06/2018	166
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Automobile Engineering	11
BE	Civil Engineering	53
BE	Computer Science and Engineering	28
BE	Electronics and Communication Engineering	78
BE	Electrical and Electronics Engineering	34
BE	Electronics and Instrumentation Engineering	38
BE	Mechanical Engineering	56
BTech	Information Technology	35
MBA	MASTER OF BUSINESS ADMINSTRATION	171
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
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 COPO, COPSO 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

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Automobile Engineering	60	37	37
BE	Civil Engineering	120	30	30
BE	Computer Science and Engineering	120	117	117
BE	Electronics and Communication Engineering	180	180	166
BE	Electrical and Electronics Engineering	120	82	82

BE	Electronics and Instrumentation Engineering	120	74	74
BE	Mechanical Engineering	180	130	130
BTech	Information Technology	120	116	116
ME	Structural Engineering	18	18	18
ME	Computer Science and Engineering	18	3	3
ME	Communication Systems	18	0	0
ME	Embedded System Technology	18	4	4
ME	Engineering Design	18	2	2
MBA	Master of Business Administration	120	120	118

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	820	144	230	27	257

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)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
269	269	12	53	53	12

View File of ICT Tools and resources

View File of E-resources and techniques used

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

The process has been established as ‘Mentoring System’. Each faculty will be the mentor of a group of 20 to 25 students. First year students will have mentors from the department of Science Humanities and second, third, fourth year students will have mentors from the parent department. Departmental faculties will continue to be mentors for the same group of students till their graduation. Responsibilities: 1. The mentor will perform the following functions. The list of course cannot be exclusive. A mentor can always do more for the benefit of the students. 2. Meet the group of students at least twice a month. 3. Continuously monitor, counsel, guide and

motivate the students in all academic matters. 4. Advise students regarding choice of electives, project, summer training etc. 5. Contact parents/guardians if situation demands e.g. academic irregularities, negative behavioural changes and interpersonal relations, detrimental activities etc. 6. Advise students in their career development/professional guidance. 7. Keep contact with the students even after their graduation. 8. Intimate HOD and suggest if any administrative action is called for. 9. Maintain a detail progressive record of the student. 10. Maintain a brief but clear record of all discussions with students. The HOD will, 1. Meet all mentor of his/her department at least once a month to review proper implementation of the system. 2. Advice mentors wherever necessary. 3. Initiate administrative action on a student when necessary. 4. Keep the head of the institute informed. The faculty advisors perform the following functions: 1. To maintain personal details of the students including their address, contact numbers, overall academic performance and progress. It will help the FA in monitoring the academic growth of the students. It will also help the College in tracer studies of the alumni. 2. To advise the students regarding choice of electives, projects, summer training, etc. 3. To counsel and motivate the students in all academic mattersdirect or indirect. 4. To guide the students in taking up extra academic and professional activities for value addition as a member of the society. 5. To contact the parents / guardians of the students in case of their academic irregularities, behavioural changes, etc, through the Head of the Department or College. 6. To advise the students in matters of their career.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3919	257	1:15

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
257	257	41	41	59

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

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
2018	Dr.Sathiyamurthy	Professor	Senior Welding Inspector by American Welding Society
2018	Dr.Sathiyamurthy	Professor	Green Belt in Lean Six Sigma
2018	Dr.S.Lavanya Prabha from Institution of Engineers ,State level	Professor	Best EngineerWomen Award(Civil Engineering Division)
2018	Dr,B,Jesvin veancy	Associate Professor	IET Mentor award
2018	Mrs.R.Hema	Assistant Professor	IET Mentor award
2019	Ms.N.Vidhyalakshmi	Assistant Professor	Best Mentor award from DST Texas Instruments
2018	Dr.E.Kaliappan	Professor	IET CLN Exemplary Teacher Award
2018	Dr.E.Kaliappan	Professor	100 most Dedicated Professors
2018	Dr.S.Nagarajan	Professor	Appreciation for

			fostering an ecosystem bridging Government, Industry and Academia, DST Texas Instruments
2018	Dr.Saikumari.V	Professor	“Life time achievement Award” byInternational Organization of science and research (IOSRD)
2018	Dr.Saikumari.V	Professor	“Best paper Award” in International Conference for “SWOT Bitcoins and Cryptocurrency”
2018	Dr.Saikumari. V	Professor	“Leading Educationist of India Award” for the year 2018 by DK International Research Foundation
2018	Dr.Saikumari.V	Professor	“Best Faculty Award” for the year 2018 by Navraj Educational and Charitable trust.
2019	Dr.Saikumari.V	Professor	“Leading Education of India” by IASTE
2018	Mr.S.Purushothaman	Assistant Professor	“Best Teacher National Award”
2019	Dr. R. Sivakumar	Associate Professor	NSS Best Officer Award for 201819 from Anna University Chennai
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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
BE	102	3,5,7	15/11/2018	18/01/2019
BE	103	3,5,7	15/11/2018	18/01/2019
BE	104	3,5,7	15/11/2018	18/01/2019
BE	105	3,5,7	15/11/2018	18/01/2019
BE	106	3,5,7	15/11/2018	18/01/2019
BE	107	3,5,7	15/11/2018	18/01/2019

BE	114	3,5,7	15/11/2018	18/01/2019
BTech	205	3,5,7	15/11/2018	18/01/2019
ME	413	3	15/11/2018	18/01/2019
ME	405	3	15/11/2018	18/01/2019
ME	403	3	15/11/2018	18/01/2019
ME	431	3	15/11/2018	18/01/2019
ME	408	3	15/11/2018	18/01/2019
MBA	631	3	15/11/2018	18/01/2019
BE	102	4,6,8	22/05/2019	22/06/2019
BE	103	4,6,8	22/05/2019	22/06/2019
BE	104	4,6,8	22/05/2019	22/06/2019
BE	105	4,6,8	22/05/2019	22/06/2019
BE	106	4,6,8	22/05/2019	22/06/2019
BE	107	4,6,8	22/05/2019	22/06/2019
BE	114	4,6,8	22/05/2019	22/06/2019
BTech	205	4,6,8	22/05/2019	22/06/2019
ME	413	4	22/05/2019	22/06/2019
ME	405	4	22/05/2019	22/06/2019
ME	403	4	22/05/2019	22/06/2019
ME	431	4	22/05/2019	22/06/2019
ME	408	4	22/05/2019	22/06/2019
MBA	631	4	22/05/2019	22/06/2019

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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 class after their parents meet

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 • 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)

http://cse.srmeaswari.ac.in/

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
102	BE	Automobile Engineering	59	59	100
103	BE	Civil Engineering	130	113	86.92
104	BE	Computer Science and Engineering	117	108	92.31
106	BE	Electronics and Communication Engineering	173	146	84.39
105	BE	Electrical and Electronics Engineering	108	105	97.22
107	BE	Electronics and Instrumentation Engineering	86	82	95.35
114	BE	Mechanical Engineering	195	170	87.18
205	BTech	Information Technology	98	96	97.96
413	ME	Structural Engineering	16	14	87.50
405	ME	Computer Science and Engineering	6	4	66.66
403	ME	Communication Systems	3	3	100
431	ME	Embedded System Technologies	1	1	100
408	ME	Engineering Design	2	2	100
631	MBA	Master of Business Administration	106	106	100

View File

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)

http://srmeaswari.ac.in/alumni-registration-form/

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 organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Industry sponsored Projects	3	BETZ Engineering and Technology Zone	0.18	0.18
Industry sponsored Projects	3	ENSOL Energy Solution Providers	0.1	0.1
Students Research Projects (Other than compulsory by the University)	180	TNSCST	0.1	0.1
Students Research Projects (Other than compulsory by the University)	180	TNSCST	0.7	0.7
Projects sponsored by the University	90	college	0.5	0.5
Projects sponsored by the University	180	college	0.12	0.12
Projects sponsored by the University	120	Voltech	1	0.87
Minor Projects	180	TNSCST	0.1	0.1
Industry sponsored Projects	365	GNF Pvt Ltd Midvalley Foods Pvt Ltd	0.5	0.5
Projects sponsored by the University	180	College	0.75	0.75
Students Research Projects (Other than compulsory by the University)	90	TNSCST	0.15	0.15

View File

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 Dept.	Date
Workshop on “Two Wheeler Servicing”	Automobile	21/02/2019
Workshop on “Computational Fluid Dynamics”	Automobile	06/09/2018
Workshop On MIKE Software	Civil	11/01/2019
Computer Aided Analysis And Design Of Structures Using Finite Element Method Concepts In Structural Engineering	Civil	17/06/2019
Workshop On Ground Engineering And Foundation Construction	Civil	14/08/2018
Workshop on “Building Information Modelling (BIM) Process Technology for Construction Industry	Civil	28/03/2019
IET sponsored workshop on “Big Data Analytics”	CSE	17/09/2018
IET sponsored workshop on “Intelligent Transport System”	CSE	18/09/2018
Recent Trends in Medical Instrumentation	ECE	27/02/2019
Industrial Instrumentation and Communication	ECE	23/01/2019
Drone development	ECE	21/02/2019
GPS And Future Technologies In Automotive Cockpit Electronics	ECE	05/09/2018
ICT Tools usage and implementation in Industries and Government	ECE	31/08/2018
Applications of Haptics	ECE	05/01/2018
Trends and Opportunities in the VLSI Industry	ECE	24/02/2018
Design and installation of solar PV system	EEE	21/01/2019
Smart solution for intelligent transportation	EEE	24/04/2019
Faculty Development Program5G theory to practice and its applications.	EIE	11/06/2019

IET seminarDesign of InVehicle infotainment	EIE	29/04/2019
IET seminarIOT for industrial applications	EIE	12/09/2018
IEEE conference on Innovations in communication, computing and instrumentation	EIE	23/03/2019
Patent and IPR	MECH	01/08/2019
National Conference on Recent Management Issues	MBA	30/08/2018
Workshop on Stress Management by Heartfullness	MBA	21/01/2019
CONACT 2019	MBA	12/03/2019
Entrepreneurship Conclave	MBA	19/03/2019
Workshop on Public Financial Management System with Special Reference to EAT module	Physics	29/04/2019
Ember JS	IT	09/02/2019
Agile Devops	IT	24/08/2018
Microsoft Azure	IT	13/07/2018
Workshop on Algebra and Number Theory	Maths	20/06/2019

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Swachh Campus Ranking of Higher Educational Institutions	Easwari Engineering College	MHRD, India	01/10/2018	Technical College (NonResidential)
Teaching Awards in Engineering	Easwari Engineering College	Staffordshire University, UK Education matters	23/07/2019	Education

View File

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

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
Engineering Innovation Skill Centre(ESIC)	civil	WATER TECH	civil	Engineering Innovation Skill Centre(ESIC)	28/03/2018
Engineering Innovation Skill Centre(ESIC)	civil	ASTRAL PIPES	civil	Engineering Innovation Skill Centre(ESIC)	28/03/2018

Engineering Innovation Skill Centre(ESIC)	civil	SUPREME PIPES	civil	Engineering Innovation Skill Centre(ESIC)	28/03/2018
Engineering Innovation Skill Centre(ESIC)	civil	COSMIC ENTERPRISES	civil	Engineering Innovation Skill Centre(ESIC)	28/03/2018
Engineering Innovation Skill Centre(ESIC)	civil	NECO PIPES	civil	Engineering Innovation Skill Centre(ESIC)	28/03/2018
Engineering Innovation Skill Centre(ESIC)	civil	FINOLEX	civil	Engineering Innovation Skill Centre(ESIC)	28/03/2018
Engineering Innovation Skill Centre(ESIC)	civil	PARRYWARE	civil	Engineering Innovation Skill Centre(ESIC)	28/03/2018
Engineering Innovation Skill Centre(ESIC)	civil	CERAMIC WORLD	civil	Engineering Innovation Skill Centre(ESIC)	28/03/2018
Engineering Innovation Skill Centre(ESIC)	civil	INDO PLAASTO ENTERPRISE	civil	Engineering Innovation Skill Centre(ESIC)	28/03/2018
Engineering Innovation Skill Centre(ESIC)	civil	GUARDIAN GLASS	civil	Engineering Innovation Skill Centre(ESIC)	28/03/2018

View File

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
04		

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

Name of the Department	Number of PhD's Awarded
CSE	1
ECE	2
EEE	2
EIE	2
CHEMISTRY	1
MATHS	2

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

Type	Department	Number of Publication	Average Impact Factor (if

			any)
International	Civil	6	0.18
International	CSE	17	1.53
International	ECE	6	1.73
International	EEE	8	1.6
International	EIE	3	0
International	Mechanical	3	0.18
International	IT	3	0
International	Physics	4	2.47
International	MATHS	7	0

View File

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

Department	Number of Publication
Civil	5
CSE	11
ECE	34
EEE	38
IT	1
EIE	24
MECH	1
PHYSICS	12
MATHS	6
MBA	7

View File

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Thermal analysis of carbonc arbon piston for commercial vehicle diesel engine using CAE tool	Dr.S.Prasanna Raj Yadav, Dr. S.Padmanabhan, S.Anand, C.Joel	International Journal of Ambient Energy	2018	1	Easwari Engineering College	1
Review of leaf drying:	Dr. V Antony Aroul Raj	Renewable and Sustainable	2018	20	Easwari Engineering College	19

Mechanism and influencing parameters, drying methods, nutrient preservation, and mathematical models		Energy Reviews				
Enhancement in free cooling potential through PCM based storage system integrated with direct evaporative cooling (DEC) unit	Dr. V Antony Aroul Raj	Energy	2018	13	Easwari Engineering College	12
Influence of fluoride for enhancing bioactivity onto phosphate based glasses	Dr. G. Rajkumar	J NonCryst. Solids	2018	1	Easwari Engineering College	1
Electrical, magnetic and structural properties of polymer blended lanthanumadded nickel nanoferrites	Dr. G. Rajkumar	Ceramics International	2018	1	Easwari Engineering College	1
Adaptive Fruitfully Based Modified Region Growing Algorithm for Cardiac Fat Segmen	S.Sudha	Journal of Medical systems, Springer	2019	0	Easwari Engineering College	2

tation Using Optimal Neural Network						
Text Detection In Natural Images With Hybrid Stroke Feature Transform And High Performance Deep Convnet Computing	S.Sudha	Concurrency and Computation Practice and Experience, Springer	2019	0	Easwari Engineering College	6
Performance Analysis of Nuchal Translucency Region Segmentation for Down Syndrome Detection Using GA and CANFIS Methods.	S.Sudha	Applied Mathematics Information Science	2019	0	Easwari Engineering College	0
Noise Dimuntion and Formant extraction on Vowels for Hearing Aid Users	S.Sudha	Multimedia Tools and Applications	2019	0	Easwari Engineering College	1
Optimization of speed control of switched reluctance motor	S.Sudha	International Journal of Computer Aided Engineerig and Technolog,Inderscience	2019	0	Easwari Engineering College	0
Hybrid hyperspectral image compression technique for nonite	S.Sudha	Computational Geoscience, Springer	2019	0	Easwari Engineering College	0

rative factorized tensor decomposition and principal component analysis: application for NASA's AVIRIS data						
Comparison of Thermography and 3 D mammography screening and classification techniqyes for Breast Cancer	Suriya.K	Computational Vision and Biomechanics	2019	0	Easwari Engineering College	0
Face Recognition Using Haar Cascade Classifier for Criminal Identification	R. Senthamizh Selvi	International Journal of Recent Technology and Engineering(TM) Volume7 Issue6S5	2019	0	Easwari Engineering College	0
Review of leaf drying: Mechanism and influencing parameters, drying methods, nutrient preservation, and mathematical models	A.K. Babu	Renewable and Sustainable Energy Reviews	2018	19	Easwari Engineering College	19

View File

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Inkjetprinted phosph	Ponram M., Balijapall	Dyes and Pigments	2019	110	2	Easwari Engineering

orescent Iridium(III) complex based paper sensor for highly selective detection of Hg2	i U., Sambath B., Kulathu Iyer S., Kakarapart hi K., Thota G., Bakthavach alam V., Cingaram R., SungHo J., Natesa nSundaramu rthy K					College
Ambient crop field monitoring for improving context based agricultural by mobile sink in WSN	Khan T.H.F., Kumar D.S.	Journal of Ambient Intelligence and Humanized Computing	2019	23	2	Easwari Engineering College

View File

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	64	86	11	96
Presented papers	46	42	1	0
Resource persons	3	18	1	5

View File

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 participated in such activities	Number of students participated in such activities
Employability Skill Development program	NSS	1	2
Temple cleaning	NSS	1	60
College cleaning	NSS	1	45
School cleaning	NSS	1	36
Animal welfare care at BlueCross of India, Chennai	NSS	1	52
Blind school	NSS	1	50

reading at PSBB School			
Swacch Bharath	NSS	1	80
Yoga day Celebration	NSS	1	56
Independence day celebration	NSS	1	51
Tree plantation	NSS	1	45

View File

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	Number of students Benefited
Student Chapter	National Level Best Student Chapter Award	Indian Concrete Institute	398
NSS	University level NSS Best Unit Award	Anna University	100

View File

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 participated in such activites	Number of students participated in such activites
OutReach programme at Government Higher secondary school, Kolappakkam	EEE	Awareness camp on Energy saving and green energy technology	4	150
Campus Cleanliness	SwaachBharath Internship	Rally	12	100

View File

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
Internship	5	Self	90
Research	5	TNSCST	90
Consultancy	Dr.S.Virapan	Aero Fly Composites	90

View File

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/	Duration From	Duration To	Participant

		industry /research lab with contact details			
Internship	Internship	CMDA,Vandalore,Chennai.	01/06/2019	15/06/2019	1
Internship	Internship	LT Constructions	02/05/2019	16/05/2019	1
Internship	Internship	Unique solutions,Chennai	02/05/2019	16/05/2019	1
Internship	Internship	PWD Highways and Transport Department	02/05/2019	15/05/2019	1
Internship	Internship	LT Constructions	02/05/2019	15/05/2019	1
Internship	Internship	LT Constructions	02/05/2019	15/05/2019	1
Internship	Internship	LT Constructions	02/05/2019	15/05/2019	1
Internship	Internship	PC project pvt ltd.	12/05/2019	16/05/2019	1
Internship	Internship	CMDA,Vandalore,Chennai.	01/06/2019	15/06/2019	1
Internship	Internship	CMDA,Vandalore,Chennai.	01/06/2019	15/06/2019	1

View File

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/Activities	Number of students/teachers participated under MoUs
Ingenious Power amp Control Systems Pvt. Ltd.	10/10/2018	Consultancy for final year projects	25
RRT Electro Power (P) Ltd	10/10/2018	Consultancy for final year projects	25
VOLTECH Engineers Private Ltd	10/10/2018	Consultancy for final year projects	25
CREDAI, Chennai., EcoCare Engineering Systems, Chennai., Hubert Enviro Care systems	07/05/2019	Internship, Consultancy, Placement and Entrepreneur	425
Prag Robotics Pvt Limited	22/01/2019	Project work , Research work,IPT,Intenship	10
Intellectz Tech for all	22/01/2019	Project work , Research work,IPT,Intenship	30

B-Accuracy Infotech	05/04/2019	In-plant training, Value Added courses for students.	23
Novacis Digital Pvt. Ltd	05/04/2019	In-plant training, Value Added courses for students.	23
Prag Itech Pvt. Ltd.	05/04/2019	In-plant training, Value Added courses for students.	23
Signals and systems India Pvt ltd	09/07/2019	Industrial projects, internship, industrial visit	5

View File

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
12500000	11425514

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Others	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing

View File

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 patially)	Version	Year of automation
KOHA	Fully	3.2	2015

4.2.2 – Library Services

Library	Existing	Newly Added	Total

Service Type						
Text Books	77869	3893450	1111	555500	78980	4448950
Reference Books	11305	5652500	240	120000	11545	5772500
e-Books	100000	100300	0	0	100000	100300
Journals	190	440000	30	26500	220	466500
e-Journals	5840	2171939	0	0	5840	2171939
Digital Database	2	735220	0	0	2	735220
CD & Video	5096	213450	0	0	5096	213450
Library Automation	1	0	0	0	1	0

View File

4.2.3 – 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	GE 8161 Pspp Lab Tutorial # 6 B Insertion Sort	You Tube Channel	28/08/2018
Dharanya.R	GE 8161 Pspp Lab Tutorial	You Tube Channel	12/09/2018
Dharanya.R	GE 8161 Pspp Lab Tutorial # 5 Linear Search	You Tube Channel	01/06/2018
Dharanya.R	GE 8161 Pspp Lab Tutorial # 8 N Prime Numbers	You Tube Channel	27/08/2018
Dharanya.R	GE 8161 Pspp Lab Tutorial # 9 Matrix Multiplication	You Tube Channel	01/06/2018

View File

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	1600	39	155	1	1	1	14	155	4
Added	1600	39	155	1	1	1	14	155	4
Total	3200	78	310	2	2	2	28	310	8

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

155 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NPTEL Video Course	http://library.srmeaswari.ac.in
Other Library Links	https://swayam.gov.in
EBook Websites	https://nptel.ac.in
OPEN SOURCE EJOURNALS	https://www.it.iitb.ac.in/nmeict/home.html
NPTEL,EDUSAT,ICT	http://10.11.22.70/courseware

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 incurredon maintenance of physical facilites
32500000	30784018	42500000	40539813

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)

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 nonsalary 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 nongovernmental 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 nonteaching 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, 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. EYantra 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, upkeep of the infrastructure facilities and equipment of the college, is monitored by a maintenance committee. 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

http://www.srmeaswari.ac.in/infrastructure/

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	AICTE FEE WAIVER / INSTITUTION	21	863000
Financial Support from Other Sources			
a) National	SC/ST/MBC/FIRST GRADUATE	1125	33146805
b)International	NIL	0	0

View File

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 implemetation	Number of students enrolled	Agencies involved
AUTOCAD	17/12/2018	110	KKM SOFTWARE
3DMAX	17/12/2018	96	KKM SOFTWARE
ETABS	17/12/2018	131	KKM SOFTWARE
PRIMAVERA	01/12/2018	17	KKM SOFTWARE
Mentoring	30/07/2018	234	Department Faculty members
Personal counselling	26/07/2018	234	Department Faculty members

View File

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 for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	GATE	3	1	1	0
2019	CAT	2	2	2	0

2019	GRE	2	1	1	0
2019	Education Matters – Seminar	0	0	4	4
2019	Education Matters – Seminar	86	86	4	4
2019	Higher studies- Guest lecture & Alumni interaction	10	10	3	0
2019	UK Education Exhibition	112	112	0	0

View File

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	Number of grievances redressed	Avg. number of days for grievance redressal
3	3	15

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
66 COMPANIES	7521	277	198 COMPANIES	9043	149

View File

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	1	B.E	Civil Engineering	Alagappa Chettiar Government College of Engineering & Technology.	Industrial Safety and Hazard Management
2019	2	B.E	Civil Engineering	NICMAR	Advanced Construction Management
2018	1	B.E	Civil Engineering	SRM University	Construction Engineering Management

2018	2	B.E	Civil Engineering	SRM University	Structural Engg
2018	1	B.E	Civil Engineering	VIT,Vellore,	Construction Engineering Management
2018	1	B.E	Civil Engineering	VIT,Vellore,	Structural Engg
2018	3	B.E	Civil Engineering	University of AUCKLAND, Newzealand	Construction Management
2019	1	B.E	AUTOMOBILE	University of Michigan	Master of Science
2018	1	B.E	AUTOMOBILE	Clemson University	Master of Science
2018	2	B.E	AUTOMOBILE	University of SUNY-Buffalo	Master of Science

View File

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	Number of students selected/ qualifying
GATE	67
GMAT	1
CAT	3
GRE	17
TOFEL	12
Any Other	4

View File

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

Activity	Level	Number of Participants
Weekend Club	Institution level	35
Pongal Celebration	Institution level	150
Tamil Mandram	Institution level	60
Aadukalam'19	IntraCollege	70
Cultural EventTalentia	Institution level	450
Cultural EventSwagat	Institution level	250

View File

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	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	THIRD	National	1	1	3106171040	NIKIL

					65	THOMAS
2019	THIRD	National	1	1	310617104065	NIKIL THOMAS
2019	THIRD	National	1	1	310617104065	NIKIL THOMAS
2019	SECOND	National	1	1	310617104065	NIKIL THOMAS
2019	THIRD	National	1	1	310617104065	NIKIL THOMAS
2019	SECOND	National	1	1	310615104062	NIVEDTHA S
2019	RUNNER	National	1	1	310617104065	NIKIL THOMAS
2019	THIRD	National	1	1	310616104077	PRITHEEVI V A
2019	FIRST	National	1	1	310617104040	JAYALAKSHMI J
2019	SECOND	National	1	1	310617104035	GOPIKA SARASWATHI K

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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 organize various technical and nontechnical 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 • Antiragging Committee

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

5.4.2 – No. of enrolled Alumni:

1230

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni meeting organized on 21 April 2019 and office bearers were elected for the academic year 2019 20. Motivational Talk by R.Subash ,Ramakrishnan and Praveen on Career Opportunities on 11.07.2018.Career Guidance by Nithish K.P on the topic Opportunities in Overseas on 24.07.2018.Career Guidance by Naina SreeKumar on the topic Opportunities in Overseas on 10.01.2019. Electronics and Communication Engineering Guest Lecture by Mr.M.Murali on the topic PCB Design on 22.01.2019.Motivational Talk by Ms.D.Keerthana on the topic Opportunities in IT Industry on 21.02.2019.Guest Lecture by Mr.Prathosh on the topic Career Opportunities on 24.08.2018 Career Guidance by Ms.Varshini Baskaran on the topic How to crack interviews on 26.07.2018. Electrical and Electronics Engineering Brain storming session by Mr.G.Harish on the topic Preparation for competitive exams and hints to crack aptitude problems on 6/7/18.Alumni Interaction by Mr. Yashwanth K.S,Mr.Aravind Prasad, Mr.Yashwanth K.S on the topic Preparation for TCS placement and the expectations of the Company on 10/9/18.Technical talk by Mr.Jaganathan, Mr.Anees Ahmed on the topic Interview process of Sosaley Technologies on 12.08.18., Electronics and Instrumentation Engineering Mock interview by Philip Samuel on19.12.2018.Alumni interaction by Sudharson on the topic Role of Instrumentation in Core Industry on 11.09.2019. Computer Science and Engineering Guest lecture by Ms.Aathira on the topic Opportunities in IT industry on 9/08/18.Guest lecture by Mr.Venkat Narayanan on the topic Recent Trends in Job Market on 08/09/18.Guest lecture by Mr.Veerapan on the topic Prospects of Higher education in US on 18/01/19.Guest lecture by Mr.Sujith on the topic Various Scopes in IT industry on 23/01/19.Motivational talk by Ms.E.Ambica on the topic Awareness on NPTEL Courses on 12/01/19.Motivational talk by Mr.Aravind.G on the topic The world after college on 21/01/19.Technical talk by Mr.Dhanush Kumar on the topic Data Science The right way on11/08/18. Information Technology Counseling session Alumni Interaction by Mr. Yashwanth K.S on the topic Preparation for TCS placement and the expectations of the Company on 10/9/18.Brain Storming session by Mr.G.Harish on the topic Preparation for competitive exams and hints to crack aptitude problems on 6/7/18.Counseling session Alumni Interaction by Mr.Aravind Prasad on the Preparation company expectations, trending technologies and skill sets to be explored on 14/8/18.Counseling session Alumni Interaction by Mr.Yashwanth K.S on the topic Preparation for TCS placement and the expectations of the Company on 19.9.18.Technical talk by Mr.Jaganathan on the topic Interview process of Sosaley Technologies on 12.08.18.Technical talk by Mr.Anees Ahmed on the topic Interview process of Econ placement Drive on 29.7.18. MECHANICAL ENGINEERING Mr. Siddharth Suresh (2012) was a member in Board of Studies for Curriculum and Development on 19.06.2019.

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)

Yes. The college promotes a culture of participative management. • At the institution level, the college has practice of listening to voices from the students and faculty members through proper channel. • HOD meeting with Principal is conducted every week and minutes of the meeting are recorded and sent to the management. Quality Circle meeting is conducted with the HODs by the Principal daily, before commencement of regular classes. • At department level, department meeting is conducted once in a week by the HOD in order to address the grievances and in turn represent it to the top management. • Class

committee meeting for all classes is conducted thrice a semester headed by the class committee chair person who convenes the meeting as scheduled which serves as a platform for the students to represent their academic and nonacademic needs. Minutes of class committee meeting are sent to the Head of the Institution.

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

Yes

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):

Strategy Type	Details
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 teachinglearning 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 EJournals. • 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, JGATE, McGrawhill 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 ICTenabled 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. • NonTeaching 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:

E-governace area	Details
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. • 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. • Plan, prepare and conduct the practical examinations as per schedule. • Maintain the cordial relation with cluster colleges for smooth conduction of theory examinations

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
2019	K.Thavasilingam	Nano fabrication	INUP INDIAN INSTITUTE OF SCIENCE	0
2019	R.Srinivasan	Nano fabrication	INUP INDIAN INSTITUTE OF SCIENCE	0
2018	Dr.G.S.Anandha Mala	WOSA	NIL	35000
2018	Dr.S.Nagarajan	WOSA	NIL	35000
2019	Mrs.T.Kalaiselvi	FDP on Frontiers in Machine Intelligence	NIL	1500

		and Soft Computing		
2019	Mrs.K.R.Sughashini	FDP on Frontiers in Machine Intelligence and Soft Computing	NIL	1500
2019	Mrs.V.Sunanthini	FDP on Frontiers in Machine Intelligence and Soft Computing	NIL	1500

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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 organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	AICTE - ISTE sponsored Induction Programme on “ICT based Instructional Design Delivery for outcome based Education”	-	14/05/2018	19/05/2018	30	0
2019	ISRO Sponsored seminar on Energy Harvesting Antenna for Satellite applications	-	16/12/2019	17/12/2019	45	0
2018	Faculty Development Program for Student Induction	-	26/11/2018	28/11/2018	3	0

2019	Faculty Induction Program	ISO –Awareness	13/07/2019	13/07/2019	9	0
2018	TECHFEST	-	22/02/2018	22/02/2018	27	0
2018	IET –BIG DATA	-	17/09/2018	17/09/2018	12	0
2018	IET – INTELLIGENCE ROAD TRANSPORT SYSTEM	-	18/09/2018	18/09/2018	12	0
2018	AICTE sponsored Faculty Development Programme on 5G Theory to practice and its Application	-	11/06/2019	24/06/2019	9	0
2018	Designing digital circuits using VHDL	-	14/05/2018	19/05/2018	4	0
2019	Workshop on Electronic components Testing and servicing	-	16/12/2019	17/12/2019	4	0

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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	From Date	To date	Duration
AICTE SPONSORED SHORT TERM TRAINING PROGRAM “COMPUTER AIDED ANALYSIS AND DESIGN OF STRUCTURES USING FINITE ELEMENT METHOD CONCEPTS IN STRUCTURAL ENGINEERING	52	17/06/2018	21/06/2018	5
Machine	2	06/05/2019	11/05/2019	5

Learning in Image and Computer Vision Applications, NIT Warangal				
Two Week FDP on Finite Element Analysis	1	10/12/2018	21/12/2018	11
AICTE Sponsored Students Induction Programme for Faculty	1	27/11/2018	29/12/2018	31
FDP on Recent Develop in Engineering Materials and Nano Technology	1	10/12/2018	11/12/2018	1
FDP on Recent Develop in Engineering Materials and Nano Technology	1	10/12/2018	11/12/2018	1
FDP on Recent Develop in Engineering Materials and Nano Technology	1	10/12/2018	11/12/2018	1
Two Week FDP on ME6602 Automobile Engineering	1	03/12/2018	15/12/2018	12
FDP on Vehicle Dynamics using MATLAB	1	27/11/2018	01/12/2018	4
Two Week FDP on Finite Element Analysis	1	10/12/2018	21/12/2018	11

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
67	67	59	59

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• EEC employees avail hospital facility from SRM Specialty hospital as SRM • is the sister concern of EEC. Medicines	• nonteaching staff members availed ESI scheme. • Staff welfare fund • EPF • Maternity leave • Transport	• Founder‘s scholarship is available for students who are from the low income group. • Received AICTE grantinaid of

are available in subsidy 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.prices.	facility • Hospital facility	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)

Institution conducts internal • 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. The institute has a mechanism for internal and external audit. We have our own internal audit mechanism where internal audit is an ongoing continuous process in addition to the external auditors to verify and certify the entire Income and Expenditure and the Capital Expenditure of the Institute each year. Qualified Internal Auditors from external resources have been permanently appointed and a team of staff under them do a thorough check and verification of all vouchers of the transactions that are carried out in each financial year. Internal and external audit statement is uploaded in our college website for last five years.

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/ Grnats received in Rs.	Purpose
IET	69000	workshop,Awareness Camp.

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6.4.3 – Total corpus fund generated

150000000

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 / UGC	Yes	Faculty members / Committee
Administrative	Yes	ISO / NBA / UGC	Yes	TUV / Committee

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

• By developing a closer relationship with parents, student achievement improves, and the college develops a positive reputation in the community. 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. • Parent's expertise in industry / Research is utilized for the benefit of student community by involving them in guest lecture / workshop / FDP / Placement and so on.

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. • Designing digital circuits using VHDL • Workshop on Electronic components Testing and servicing • Workshop on Safety measures

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

• FIST • ISO – 2015 (upgrade) • Got NBA for 7 UG Programmes • Institution has attained autonomous status

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					

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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 from	Period To	Number of Participants	
			Female	Male
Women's day celebrations	08/03/2019	08/03/2019	172	25

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

Percentage of power requirement of the University met by the renewable energy sources
nil

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	Yes	1
Ramp/Rails	Yes	1
Braille Software/facilities	No	0
Rest Rooms	Yes	1
Scribes for examination	Yes	1
Special skill development for differently abled students	Yes	1
Any other similar facility	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	2	2	08/07/2018	1	Helping the Blinders to prepare the Govt	Satya Sai Group, T.Nagar	50
2018	2	2	09/09/2018	1	Helping the Blinders to prepare the Govt	Satya Sai Group, T.Nagar	50
2018	2	2	20/08/201	1	Green	NSS	45

			8		Campus Environment		
2018	2	2	26/01/2019	1	Green Campus Environment	NSS	45
2019	1	1	21/02/2019	1	National Leprosy Survey Camp for statistical	Tamil nadu government, Health Department	50

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

Title	Date of publication	Follow up(max 100 words)
Hand book for various stakeholders	02/07/2018	Handbook with Code of conduct for various stakeholders were prepared and circulated to all the stakeholders

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Values and Ethics for students	03/08/2018	03/08/2018	745

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

• Composite Pit • Plastic Awareness • Zero Energy Class Room • Zero Water –Recycling • Energy Conservation • Use Of Renewable Energy • Waste Water Management: • Water Harvesting • Check Dam Construction • Efforts For Carbon Neutrality • Plantation Energy conservation • A team of faculty members from Department of EEE conduct a study every year on the average electrical energy consumed by the institution and suggest the possible ways of conserving the energy. • The classrooms and staff rooms have large windows and hence require minimal use of fans and lights. • Greenery in the campus reduces the use of fans and air conditioners • Notices to switch off the fans, lights, air conditioner when not in use are displayed in classrooms and laboratories • Proper shut down of computers in the laboratories and staff cabin are ensured by lab assistants andstaff respectively when their use is not required. • It is suggested to use stairs instead of lift while climbing down • Awareness programmes on conservation of energy are conducted by Energy Club of the college Use of renewable energy • Provision for segregating solid wastes is available • Two solar water heaters are in use in the hostels. Water harvesting • Carbon neutrality is achieved by planting trees • Measures are taken to protect the trees. • Greenery in the campus reduces global warming. • Youth Under Green Awareness (YUGA), a student club, is functioning actively with an objective to improve the green house effects 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 • Carbon neutrality is achieved by planting trees • Measures are taken to protect the trees. • Greenery in the campus reduces global warming. • Youth Under Green Awareness (YUGA), a student club, is functioning actively with an objective to improve the green house effects Plantation • No trees in the campus are cut for any reason, complete greenery in the campus is ensured. • 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 ensured and checked periodically. E –Waste management • A committee identifies the scrap items through stock verification that is done at the end of every semester • Ewaste generated is sold to authorized dealers who reuse the useful components. • Non functioning electronic and electrical equipment are given to the students to dismantle and reassemble to promote practical oriented learning. • News paper clippings highlighting the hazards of e wastes are displayed in the notice boards now and then

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practices: TeachingLearning Practices 1. Title of the Practice P.R.I.D.E.(ProjectResearchInternshipDesignEntrepreneur) 2. Goal In order to facilitate active learning environment to students through participative learning, experiential learning and collaborative learning, P.R.I.D.E. group has been formed • To apply the engineering concepts to carryout research projects • To motivate the students to providesolutions for industrial and societal problems • To encourage the students to participate in Industrial Design Competitions • To persuade the students to apply for research funding from sponsoring agencies • To equip the students to commercialize their research outcomes as startup /product 3. The Context In current scenario, getting employable is a big challenge for engineering graduates as there is a gap between the academia and industry. Students lag in converting their theoretical knowledge into practical applications. These problems could be overcome by encouraging them to do internships, industrial projects and participate in design competitions. Ultimately, active learning environment will make the students participative, experimental, and collaborative and ensure students learning to a higher level. In order to provide active learning environment, apart from routine teachinglearning process, P.R.I.D.E. group has been created among students of all discipline. The students of P.R.I.D.E. group are encouraged to apply the engineering concepts to provide solutions to industrial and societal problems by the way of i) making them to participate in various design contests national / international level ii) involving them to carry out research projects and iii) commercializing their research outcomes as startup / project. 4. The Practice • Interdisciplinary student groups are formed according to their research interest. • Faculty mentors are allotted for each group to guide and motivate the students. • Skill development workshops and training programs are organized for students by inviting subject experts, practitioners, resource persons from organizations of national and international eminencewhere students enrich their skill in their domain.The guiding standard behind workshops is to ensure that students can link theory with practice, apply their knowledge and develop new skills. • Refresher courses are offered to equip the students to participate in design and project competitions. • The institution collaborated with industries for student internships and industry projects. • National and international events / contests were disseminated among the studentsand interested / skilled students are identified through mentors. • Mentors take the responsibility of finding ways to educate, stimulate, and make them to effectively participate in the contests. • The Interative and participatory activities, create a feeling of responsibility in students and makes learning a process of construction of knowledge • P.R.I.D.E. activities make learning more individualized, creative and dynamic. 5. Evidence of Success PRIDE enables the students to participate in various competitions in the current academic year 201920 as follows. • In E Yantra Robotic Competition conducted by IIT Bombay, 66 batches participated among which 17 batches were qualified for the second round. • 1578 students

participated in DST and Texas Instruments India Innovation Challenge Design Contest 2019 • 32 students shortlisted for internship by Sony Ericsson. • 4 Projects were shortlisted in AICTE ChattaraViswakarma Awards 2019 6. Problems Encountered and Resources Required • Students found it difficult as too many events are scheduled in same timeline. • Focusing on both end semester examination and participating in events is a challenging task Contact Details Name of the Principal : Dr.R.S.Kumar Name of the Institution : Easwari Engineering College City : Chennai Pin Code : 600089 Accredited Status : Accreditted with “A” Grade Validity Period : 5 Years (30.10.2017 to 29.10.2022) Work Phone : 04443923041 / 43923100 / 43923022 Fax : 04422491130 Website : www.srmeaswari.ac.in Email : principal@eec.srmrmp.edu.in Mobile : 9789996247

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

http://cdn.xtracut.com/srmeaswari/2020/03/02162617/Best-Practice-Easwari-Engineering-College-PRIDE.docx-1.pdf

7.3 – Institutional Distinctiveness

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

Practice II Title of the Practice: : Value added courses from first year of study 1. Goal: • To consistently develop skill sets in students so as to match the industry expectations • To bridge the gap existing between the curriculum prescribed by the affiliating university and industrial requirements. • To provide technical knowledge on the topics beyond syllabus • To enhance the soft skills for personality development • To help students prepare technically for placement. • To update students with the recent trends in engineering and technology • To provide hands on training through experts on different areas of engineering • To facilitate students to obtain certifications from renowned industrial authorities 2. Context: As an affiliated institution, it is necessary to follow the curriculum prescribed by the university and the college has minimal control over curriculum revision. Further it is necessary for the students to be abreast of the latest technological developments for better employability. This has necessitated the introduction of value addition courses to provide advanced technical knowledge and help in achieving excellence in chosen field. 3. The Practice 3.1. Programme Specific Value Addition Courses Offered 3.1.1. Technical Skills • C, C, Basic Circuit Design, Lab View are offered to the students of Electrical and Electronics Engineering 3.1.2. Soft Skills Training on Personality Development, Leadership Skills, Business Communication Skills, Crisis Management, Interview skills and Aptitude training are offered to students of all branches. 3.2. Allocation of hours • Every department is encouraged to extend its support to organize a value addition course for 20 hours each semester. • The 20 hours of training is spread across to two hours per week and they are reflected in the time table. 3.3 Conduct of Courses • Practical sessions are arranged along with theory classes to give hands on training on technical skills. • More emphasis is given to practical sessions for the students to get expertise in trouble shooting the technical problems. • Certificates are given for certified course which help students during placements • Activity based teaching is adopted for training soft skills which enables the student to communicate confidently in real life situations 3.4 Resource persons and Infrastructure facilities • Sessions are handled by eminent resource persons from external organizations. • Internal teaching faculty are also encouraged to obtain certifications from certifying bodies to support the conduct of training sessions. • Theory classes are conducted in the classrooms. • Department specific laboratories are utilized for conducting practical sessions. 4. Evidence of Success • Award winning projects • Student Publication • Placement

Provide the weblink of the institution
http://srmeaswari.ac.in/Best-Practice/Easwari-Engineering-College/PRIDE.docx-1.pdf

8.Future Plans of Actions for Next Academic Year

New courses introduction Multi disciplinary Industry collaboration for the departments Reaccreditation by NBA Student centric industry, societal projects Internationalization with study abroad programmes