



Sri Eshwar

College of Engineering

An Autonomous Institution
Affiliated to Anna University, Chennai



Kondampatti (Post), Vadasithur (Via), Coimbatore - 641202
Tel: 04259 200300 • Fax: 04259 200305 • www.sece.ac.in

THE ANNUAL QUALITY ASSURANCE REPORT (AQAR)

2019 - 2020

SUBMITTED TO



NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
(AN AUTONOMOUS INSTITUTION OF THE UNIVERSITY GRANTS COMMISSION)
P.O. BOX. NO. 1075, NAGARBHAVI, BANGALORE - 560072, INDIA



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The Annual Quality Assurance Report (AQAR) of the IQAC (For Autonomous Colleges)

Part – A

Data of the Institution

(data may be captured from IIQA)

1. Name of the Institution SRI ESHWAR COLLEGE OF ENGINEERING (AUTONOMOUS)

- Name of the Head of the institution : Dr. Sudha Mohanram
- Designation : Principal
- Does the institution function from own campus: Yes
- Phone no./Alternate phone no. : 04259 – 200300, 200306
- Mobile no. :9842211056
- Registered Email :sece@sece.ac.in
- Alternate Email :principal@sece.ac.in
- Address : Kondampatti Post,Vadasithur (Via),
Kinthukadavu
- City/Town : Coimbatore
- State/UT : Tamilnadu
- Pin Code : 641202

2. Institutional status:

- Autonomous Status (*provide the date of Conformant of Autonomous Status*): 24.06.2019
- Type of Institution: **Co-education** / ~~Men~~ / ~~Women~~
- Location : **Rural** / ~~Semi-urban~~ / ~~Urban~~:
- Financial Status: Grants-in aid/ UGC 2f and 12 (B) **Self-financing** (please specify)
- Name of the IQAC Co-ordinator/Director: Mr. Kannan Narasimhan

- Phone no. /Alternate phone No. : 04259-200348
- Mobile: 9500170077
- IQAC e-mail address: kannan_narasimhan@sece.ac.in
- Alternate Email address: sudhamohanram@sece.ac.in

3. Website address: www.sece.ac.in

Web-link of the AQAR: (Previous Academic Year):

<https://sece.ac.in/wp-content/uploads/2020/02/AQAR-2018-19.pdf>

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

4. Whether Academic Calendar prepared during the year? Yes/No, if yes, whether it is uploaded in the Institutional website? - Yes

<https://sece.ac.in/wp-content/uploads/2021/05/Academic-Calendar-2019-20.pdf>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	A	3.27	2016	From:11.07.2016 to: 10.07.2021
2 nd				from: to:
3 rd				from: to:
4 th				from: to:
5 th				from: to:

Note: By virtue of autonomy granted by UGC, the institution has got extension of NAAC accreditation till 31st December 2024.

6. Date of Establishment of IQAC: DD/MM/YYYY: 02/07/2015

7. Internal Quality Assurance System

7.1 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
Submission of AQAR for the year 2018-19	27/12/2019, 90 days	131
Pedagogy session weekly 2 hours	Every Tuesday and Thursday (2/7/2019), 30 days	131, Faculty Members
Participating in NIRF	31.1.2020	All students, Faculty Members(2131)

Item /Title of the quality initiative by IQAC	Date & duration	Number of participants/beneficiaries
Academic process review	Monthly once(11/7/2019), 4 days	7 Departments (131)
Academic Audit	Once in a Semester(10/8/2019) . 4 days	7 Departments(131)
Collection of feedback from the stakeholders, analyzing it and taking improvement action.	Twice in a Semester(22.7.2019)	All students, Parents, Industry, Faculty.(2131)
Student Leadership Council – an initiative to empower students and bring out and nurture their leadership qualities	8.1.2020	All students(2131)

8. Provide the list of Special Status conferred 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
Sri Eshwar College of Engineering, Electronics and Communication Engineering, Dr.R.Michaelraj Kingston	Research Project	DST-SERB	2017, 3 years	1606000.00
Sri Eshwar College of Engineering, Research & Innovations Dr.G.Karuppusami	Entrepreneurship Development Institute of India (EDII), Ahmadabad sanctioned Free Entrepreneurship Awareness Camp (EAC) for SECE students	Entrepreneurship Development Institute of India (EDII)	2019 - 2020	40,000.00
Sri Eshwar College of Engineering, Research & Innovations Dr.G.Karuppusami	Entrepreneurship Development Institute of India (EDII), Ahmadabad sanctioned Free Women Entrepreneurship Development program for external candidates	Entrepreneurship Development Institute of India (EDII)	2019 - 2020	200,000.00
Sri Eshwar College of Engineering, Research & Innovations Dr.G.Karuppusami	The National Science & Technology Entrepreneurship Development Board (NSTEDB) approved establishment of Innovation and Entrepreneurship Development Centre (IEDC)	The National Science & Technology Entrepreneurship Development Board (NSTEDB)	2019 - 2020	800,000.00
Sri Eshwar College of Engineering, Research & Innovations	Unnat Bharat Abiyan Program sanctioned by MHRD and AICTE. 5	Ministry of MHRD and AICTE	2019 - 2020	100,000.00

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Dr.G.Karuppusami	Villages adopted and activities are being carried out. (Vadasithur, Kondampatti, Kodhavadi, Mandrampalayam and Kurunallipalayam)			
Sri Eshwar College of Engineering, Research & Innovations Dr.G.Karuppusami	Suryamitra Solar Training Programme sponsored by National Institute of Solar Energy (NISE), Ministry of New and Renewable Energy (MNRE), Government of India	NISE, MNRE	2019 - 2020	998,174.00
Total				3744174.00

9. Whether composition of IQAC as per latest NAAC guidelines: Yes/~~No~~:

*upload latest notification of formation of IQAC

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

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website..... Yes/~~No~~

(Please upload, minutes of meetings and action taken report)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year? ~~Yes~~/**No**

If yes, mention the amount:

Year:

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

- Conducted stakeholders meeting
- Stakeholders' feedback reviewed
- Conduct of Academic Audit
- Review of Industry Institute Collaboration
- Internal Quality Awareness program conducted

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

Plan of Action	Achievements/Outcomes
International Advisory Board	International Advisory Board is established with 12 members from various parts of the globe.
Renovation of Start-ups - Ignite Accelerator	Start Ups IGNITE Accelerator renovated with additional facilities for student entrepreneurs.

Plan of Action	Achievements/Outcomes
2 New programs to be introduced	Recommended B.Tech. – Artificial Intelligence and Data Science, B.E.- Computer Science and Business systems. These programs are introduced from the academic year 2020-21.
IQAC Academic Review	Monthly/Quarterly academic review conducted with various Heads.
IQAC Internal Academic Audit	IQAC conducted academic audit with the departments.
Student Leadership Council	SLC established in different verticals including Fine Arts, Media & Branding, Amenities, Boys & Girls Hostel, Discipline & Grooming, SESWA, Tamil Mandram, Learning Centre, Higher Education, Sports, EDC and Technical Clubs, All student community are getting benefitted.
Conduct the annual flagship event, Sri Eshwar Industry Connect in virtual mode owing to Covid-19 outbreak	In total 51 webinars were conducted over a period of 2-1/2 months with an average of attendance of 1500 participants per program. Speakers were senior industry experts from countries including USA, UK, Germany and India. Cumulative participation was 75000+ from India and overseas countries.

14. Whether the AQAR was placed before statutory body? Yes /~~No~~: Yes

Name of the Statutory body: Management

Date of meeting(s): 28.8.2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning? Yes/~~No~~: **No** Date:

16. Whether institutional data submitted to AISHE: Yes/~~No~~: Yes

Year: 2019-20

Date of Submission: 31.1.2020

17. Does the Institution have Management Information System? Yes/~~No~~:

If yes, give a brief description and a list of modules currently operational. (Maximum 500 words)

Yes, the Institution has a Management Information System. A comprehensive Institutional. ERP system covering the following activities has been implemented and in use for over the past 5 years.

- Controller of Examination
- Accounts and Financial Activities
- Stores, Inventory and Materials Management
- Students Management System (Academic Performance, Attendance, Counselling etc.)

- Staff Management System
- Library Information System
- Reformation System
- SMS Facilities
- Attendance Monitoring System
- Students' Records
- Evaluation and Examination procedures
- Others: E – Learning Module – this provides an excellent suite of tools for the teaching-learning process, including the provision to set up question banks, conduct online exams, share teaching materials & resources, host discussion forums, conduct surveys & polls, generate course-related performance-reports, etc.

Part-B

CRITERION I – CURRICULAR ASPECTS

1.1 Curriculum Design and Development

1.1.1 Programmes for which syllabus revision was carried out during the Academic year

Name of programme	Programme Code	Dates of revision
B.E. Electronics and Communication Engineering	106	13/07/2019
B.E. Computer Science and Engineering	104	13/07/2019
B.E. Electrical and Electronics Engineering	105	13/07/2019
B.E. Mechanical Engineering	114	13/07/2019
B.E. Computer and Communication Engineering	107	13/07/2019
B.Tech. Information Technology	205	13/07/2019
M.E. Engineering Design	408	13/07/2019
M.E. Computer Science and Engineering	405	13/07/2019
M.E. VLSI Design	419	13/07/2019

1.1.2 Programmes/ courses focused on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Date of Introduction	Course with Code	Date of Introduction
-	-	-	-

1.2 Academic Flexibility

1.2.1 New programmes/courses introduced during the Academic year

Programme/Course	Date of introduction
B.E. - Computer and Communication Engineering	1.08.2019
B.Tech. - Information Technology	1.08.2019

1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
Electronics and Communication Engineering	B.E	M.E	1.7.19	B.E	M.E
Computer Science & Engineering	B.E	M.E	1.7.19	B.E	M.E
Electrical and Electronics Engineering	B.E		1.7.19	B.E	
Mechanical Engineering	B.E	M.E	1.7.19	B.E	M.E
Civil Engineering	B.E		1.7.19	B.E	
Computer and Communication Engineering	B.E		1.8.19	B.E	
Information Technology	B.Tech		1.8.19	B.Tech	

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
Computer Science and Engineering		
Android and IOT/Cloud & BigData - CSE	5.12.2019	157
Programming Training –II year(CSE)	12.12.2019	166
Advanced programming and Algorithmic Training – III year(CSE)	2.12.2019	166
Mechanical Engineering		
AUTOCAD	20.5.2019	103
CATIA	03.01.2020	43
CREO – PART MODELING	24.6.2019	115
Electronics and Communication Engineering		
Introduction to IoT (I ECE)	07.01.20	111
PIC (II ECE)	05.12.19	147
JAVA & SQL (III ECE)	26.11.19	172
Electrical and Electronics Engineering		
Basic of Electronics and PCB Designing	24.06.2019	42
Embedded Systems Module II	01.07.2019	46
Embedded Systems Module I	23.12.2019	42
PLC Automation	26.12.2019	46

1.3.2 Field Projects / Internships under taken during the year

Project/Programme Title	No. of students enrolled for Field Projects / Internships
Computer Science and Engineering	
Client Platform Testing For Automation	1
Vshare Securities	1
Lab Monitoring System	1
Hr Management System	3
Cloud Based Intelligent Toll Collection	1
CI/CD Automation By DevOps	1
Freshworks Pjax Plugin To Automatically Reload The Current Page	1
Deploy Gotowebinar Registration Api In Serverless Architecture To Reduce Cost	1
ELK On CLOUD AWS And AZURE	2
Automated Cloud Infrastructure Provisioning	2
Licensing Application For Serverless 360	4
Kubernetes	1
Young Living- An E Commerce Application	2
Lynk Manager – A Crm Application For Apartment Promoting Agencies	1
Caching System Using Redis	1
Android Application Development For Performance Application	1

Project/Programme Title	No. of students enrolled for Field Projects / Internships
Zoho Payroll	3
Ab Testing - Enhancing Customer Experience	2
Mechanical Engineering	
Implementation of lean six sigma in accurate electronics	3
Implant Training	85
Internship	23
Electrical and Electronics Engineering	
Internship Training	4

1.4 Feedback System

1.4.1 Whether structured feedback received from all the stakeholders.

1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
Yes/No	Yes/No	Yes/No	Yes/No	Yes/No

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

The institution is adopting various methodologies for enhancing the quality of the teaching and learning process. The feedback system is one of the methodology through which the various stakeholders are providing feedback. The feedback mechanism adopted in the college comprises of Stakeholders (Students, Alumni, Parents, Recruiters, Guest Faculty) with online mode (Faculty feedback) & Manual mode (Course end survey, Degree Exit Survey, Alumni Survey, Recruiters Survey, Guest Speaker Survey, Parents Survey), with a periodicity (Twice in a semester, End of Every Semester, End of Eight Semester, Once in a year, At the time of visit) Based on the feedback, corrective action will be initiated.

The rating criteria comprises of four parameters; “Excellent”, “Good”, “Satisfactory” and “Poor”. The collective rating of students’ response to all questions in feedback is calculated to 100. A Letter of Appreciation is provided by the management to each and every faculty who secure more than 90% in the students’ feedback, to motivate and sustain their performance. The faculties, who secure below 75% in the feedback, are advised to meet the HOD/Principal for one-to-one meeting and counseling. HOD reviews the action item proposed and its implementation. The action taken against the feedback collected are verified by the IQAC audit team and tracked for the closure of remedial actions suggested.

Other Feedback Systems comprises of Class Committee Meeting – CCM, Class Representative Meeting – CRM, Where CCM will be chaired by Head of the department & the Participants are Students, Class Advisor & Faculty. While the CCM Composes of Faculty handling respective courses, 10 students comprising of different categories of academic performance Respective Class Advisors. The periodicity of CCM will be twice a semester before internal tests, the Agenda of the meeting will be discussed on the following parameters (Discipline, Attendance, Portion Completion, Result (Internal Assessment /Anna University), Training, Industrial Visit, Concerns on Lab / Theory, courses, Faculty performance & Infrastructure. CCM will end with identifying the corrective action plan & assigning the responsibility with a target date.

CRM will be presided over by Principal / Principal Designate & the Participants are Students. While the CRM Composes of Class Representatives, the periodicity of CRM will be once in a Semester. The Agenda of the meeting will be discussed on the following parameters (Portion Completion Status, Faculty performance, Training, Concerns on Lab / Theory courses, Faculty performance, Infrastructure). CRM will end with Identifying the corrective action plan & assigning the responsibility with a target date. Suggestion Box is placed in the campus where the participants are Students & they can provide feedback at any time.

CRITERION II -TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1.1 Demand Ratio during the year

Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
B.E. Electronics and Communication Engineering	180	114	111
B.E. Computer Science and Engineering	180	168	165
B.E. Electrical and Electronics Engineering	60	22	20
B.E. Mechanical Engineering	120	44	43
B.E. Computer and Communication Engineering	60	47	45
B.Tech. Information Technology	60	59	57
M.E. Engineering Design	9	3	2
M.E. Computer Science and Engineering	18	6	5
M.E. VLSI Design	18	7	6

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 full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019-20	441	13	123	8	131

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	Number of smart classrooms	E-resources and techniques used
131	131	Smart Classroom LED Projector,	60	60	NPTEL, OPAC E-books, Youtube channel, Impres

		Digital OHP, Online quiz, Impres ERP PPTs, Videos, Black Board, Demos, Models, Tablet based, Clickers, NPTEL Videos, Got meeting, Google meet, Binary meet			ERP, e-course materials, Videos Google classroom, Gotomeeting, google meet, Binary meet, Coursera, Udemy, Edx, Interactive, Collaborative, Quiz, Flipped class, Group discussion, Technical debate, Student presentation etc.
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2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)

15 Minutes Activity:

Student Mentoring is carried out for all four year students. Student mentor are identified by placement department based on the Language fluency. Two student mentors are allotted for each class; they will perform activity such as role play, news paper reading, technical talk, Group discussion etc., which help to improve the communication of students.

Tutor Ward Hour:

Students are mentored in tutor ward hour which is planned one hour in every week. Every student in a class has a mentor who monitors his/her wards academic and personal problems. A class will be subdivided into 3 groups (Not maximum of 20 students) which are allotted to a faculty. Tutor ward report is being maintained.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
2000	131	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
16	16	0	16	3

2.4.2 Honours and recognitions 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
2019-20	Dr. H. Anandakumar, Honoured as Editor in Chief for KeAi- Elsevier IJIN Journal. International Level.	Associate Professor	KeAi- Elsevier International Publishing.
2019-20	Mr.S.Balasubramani	Assistant Professor	Young Scientist Organization- International Association of Research and Developed Organization (IARDO) and Gurukul Institute of Engineering & Technology, Kota Place- The international centre, Goa
2019-2020	M. Vivek Kumar	Asst. Professor	IIC Innovation Ambassador from IIC & MHRD
2019-2020	M. Vivek Kumar	Asst. Professor	Confederation of Elite Academicians of IICDC from TI & DST
2019-2020	A. Ramesh	Asst. Professor	Confederation of Elite Academicians of IICDC from TI & DST

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
----------------	----------------	----------------	--	--

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year-end examination
B.E-Computer and Communication Engineering	107	I/I	06/12/2019	28/01/2020
		II/I	30/04/2020	23/10/2020
B.Tech-Information Technology	205	I/I	06/12/2019	28/01/2020
		II/I	30/04/2020	23/10/2020
B.E-Computer Science and Engineering	104	I/I	06/12/2019	28/01/2020
		III/II	22/10/2019	28/01/2020
		V/III	22/10/2019	28/01/2020
		VII/IV	22/10/2019	28/01/2020
		II/I	30/04/2020	23/10/2020
		IV/II	20/04/2020	23/10/2020
		VI/III	20/04/2020	23/10/2020
		VIII/IV	20/04/2020	23/10/2020
B.E-Electrical and Electronics Engineering	105	I/I	06/12/2019	28/01/2020
		III/II	22/10/2019	28/01/2020
		V/III	22/10/2019	28/01/2020
		VII/IV	22/10/2019	28/01/2020
		II/I	30/04/2020	23/10/2020
		IV/II	20/04/2020	23/10/2020
		VI/III	20/04/2020	23/10/2020
		VIII/IV	20/04/2020	23/10/2020
B.E.- Mechanical Engineering	114	I/I	06/12/2019	28/01/2020
		III/II	22/10/2019	28/01/2020
		V/III	22/10/2019	28/01/2020
		VII/IV	22/10/2019	28/01/2020
		II/I	30/04/2020	23/10/2020
		IV/II	20/04/2020	23/10/2020
		VI/III	20/04/2020	23/10/2020
		VIII/IV	20/04/2020	23/10/2020
B.E.- Electronics and Communication Engineering	106	I/I	06/12/2019	28/01/2020
		III/II	22/10/2019	28/01/2020
		V/III	22/10/2019	28/01/2020
		VII/IV	22/10/2019	28/01/2020
		II/I	30/04/2020	23/10/2020
		IV/II	20/04/2020	23/10/2020
		VI/III	20/04/2020	23/10/2020
		VIII/IV	20/04/2020	23/10/2020
B.E.-Civil Engineering	103	III/II	22/10/2019	28/01/2020
		V/III	22/10/2019	28/01/2020
		VII/IV	22/10/2019	28/01/2020
		IV/II	20/04/2020	23/10/2020
		VI/III	20/04/2020	23/10/2020

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
		VIII/IV	20/04/2020	23/10/2020
ME-Computer Science and Engineering	405	I/I	06/12/2019	28/01/2020
		III/II	06/12/2019	28/01/2020
		II/I	30/04/2019	23/10/2020
		IV/II	30/04/2019	23/10/2020
ME-VLSI Design	419	I/I	06/12/2019	28/01/2020
		III/II	06/12/2019	28/01/2020
		II/I	30/04/2019	23/10/2020
		IV/II	30/04/2019	23/10/2020
ME-Engineering Design	408	I/I	06/12/2019	28/01/2020
		III/II	06/12/2019	28/01/2020
		II/I	30/04/2019	23/10/2020
		IV/II	30/04/2019	23/10/2020

2.5.2 Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

**Do not include re-evaluation/ re-totalling*

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
4	1974	0.2%

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)

<https://sece.ac.in/eee/>

2.6.2 Pass percentage of students

Programme Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final Semester /year examination	Pass Percentage
106	B.E.-ECE	167	146	87.42%
104	B.E-CSE	166	166	100%
105	B.E - EEE	37	37	100%
114	B.E.-MECH	119	119	100%
103	B.E-Civil	67	51	76.12%
405	M.E-CSE	4	4	100%

Programme Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final Semester /year examination	Pass Percentage
419	M.E – VLSI Design	1	1	100%
408	M.E – Engineering Design	2	0	0

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)

<https://sece.ac.in/wp-content/uploads/2021/06/stakeholders-feedback-for-2019-20.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 Promotion of Research and Facilities

3.1.1 The institution provides seed money to its teachers for research,

Yes..... No if yes, give details

Name of the teacher getting seed money	The amount of seed money	Year of receiving grant	Duration of the grant
-	-	-	-

3.1.2 Teachers awarded National/International fellowship for advanced studies/ research during the year

	Name of the teacher awarded the fellowship	Name of the Award	Date of Award	Awarding Agency
National	Dr.S.Venkatesh	PDF- NIT ,Trichy	9th Dec 2019	NIT, Trichy
	Dr.S.Balasubramani	Young Scientist Award	18th Aug 2019	Organization- International Association of Research and Developed Organization (IARDO) and Gurukul Institute of Engineering & Technology, Kova
International	Dr. H. Anandakumar	Editor in Chief	1 st Jan 2020	KeAi- Elsevier International Publishing

3.2 Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the year
Major projects	3 years	SERB-DST	Rs.16,06,000	4,44,501.00
Minor Projects				
Interdisciplinary Projects				
Industry sponsored Projects				
Projects sponsored by the University/ College	3 months	Sri Eshwar College of Engineering	Rs.60700	60,700.00
Students Research				

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the year
Projects (other than compulsory by the College)				
International Projects				
Any other(Specify)	10.02.2020-03.03.2020	Mastro Lee Engineering and Management Consultancy	Rs.82,000/-	82,000.00
	18.09.2019-20.09.2019	SSS Global	Rs.3,450/-	3,450.00
	16.10.2019-29.10.2019	Mastro Lee Engineering and Management Consultancy	Rs.1,20,000/-	1,20,000.00
Total				Rs.710651.00

3.2.2 Number of ongoing research projects per teacher funded by government and non-government agencies during the years

1

3.3 Innovation Ecosystem

3.3.1 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(s)
Design now (Mech) - Autodesk	Mechanical Engineering	26/07/2019
Learnathon (CSE) - Salesforce	Computer Science and Engineering	26/07/2019
Building information modelling (civil) - CADSoft and Autodesk	Civil Engineering	26/07/2019
Electronic Design Automation (EEE) - Live Wire	Electrical and Electronics Engineering	26/07/2019
Sri Eshwar Industry Connect 2019 – Industry Institute Interaction Seminar – No. of Speakers - 5	Computer Science and Engineering /Information Technology	27/07/2019
Sri Eshwar Industry Connect 2019 – Industry Institute Interaction Seminar – No. of Speakers -7	Electronics and Communication Engineering/ Electrical and Electronics Engineering	27/07/2019
Sri Eshwar Industry Connect 2019 – Industry Institute Interaction Seminar – No. of Speakers -8	Mechanical Engineering/Civil Engineering	27/07/2019
Sri Eshwar Industry Connect 2019 – Industry Institute Interaction Seminar – No. of Speakers -5	Entrepreneurs	26/07/2019

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

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
Go kart	K. Mohan Arvind, K. KaviBharathi, W. Fredric Prem, P. Deepak, M. Mohamed Javeed, U. Aswath Kumar, K.R. Kavin, K. Hariharan, S. Dharsan, S. Sajeev, M. Lalluraja, M. Kevin Raj, K. Logeshwaran, R. Balaji, S. Aswathkumar, V.C. Sanjay	ISNEE	14/02/2020	First prize in Fuel Economy and Endurance
Cotton to cloth machine	Mohan Jeet .M Deepak chakkaravarthy .R Jayant.V Balaji.K	PSG TECH	22/02/2020	Cash price of Rs.2000/-
Smart Faucet	T. Jayaseelan L. Kavin Prabhu S. Lalith Mohan V. Naveen Kumar	KSB pumps	04/07/2019	First prize Certificate and trophy
Solar Tracking System using Refrigerant	K.Jagasirpiyan R.Venkatesh A.Vignesh K.Naveen Prasanth	KSB pumps	04/07/2019	Second prize Certificate and trophy
Fabrication of Cyclone Separator for Dust Collector	Thaarani devi CK Udayakumar M.Raakesh Santhana Prabhu S.Shanketh M.Muralidharan	MSME, Govt. of India	03/03/2019	Finalist
Solar Tracking System using Refrigerant	K.Jagasirpiyan R.Venkatesh A.Vignesh	Solid works	10/08/2019	Finalist
Institution	Dr. Sudha Mohanram	Virtusa India Pvt. Ltd., Chennai	28.11.2019	Best Collaborating Engineering Institution Award

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

Incubation Centre	Name	Sponsored by
1	Laser Cutting Machine	Sri Eshwar College Of Engineering
1	3D Printing Machine	Sri Eshwar College Of

Incubation Centre	Name	Sponsored by
		Engineering
1	Ignite Start Up Accelerator (Mr.Vijaya Prakash)	Sri Eshwar College of Engineering
Name of the Start-up	Nature of Start-up	Date of commencement
Ignite Start Up Accelerator	Complete study on Laser Technology	01/07/2019
Ignite Start Up Accelerator	Complete study on 3D Technology	01/07/2019
Ignite Start Up Accelerator	Entrepreneur – Branding, Software Development	01/07/2019

3.4 Research Publications and Awards

3.4.1 Ph. Ds awarded during the year

Name of the Department	No. of Ph. Ds Awarded
ECE	1

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

	Department	No. of Publication	Average Impact Factor, if any
National	CSE	-	-
	MECH	40	-
	ECE	13	-
	Civil	5	-
International	CSE	27	2.891
	MECH	11	2.293
	S&H	6	1.6023
	ECE	4	2.9125

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

Department	No. of publication
Computer Science and Engineering	40
Mechanical Engineering	02
Science and Humanities	03
Electronics and Communication Engineering	3

3.4.4 Patents published/awarded during the year

Patent Details	Patent status Published/ Filed	Patent Number	Date of Award
Emergency Vehicle Warning System And Method For Traffic Decongestion At Intersections	Published	201941053565	1/3/2020
Method For Smart Irrigation	Published	202041009997	3/13/2020

Patent Details	Patent status Published/ Filed	Patent Number	Date of Award
Using Wireless Internet Of Things Sensor Network			

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

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Cooperative Spectrum Handovers in Cognitive Radio Networks	Dr. H. Anandakumar	Springer Innovations in Communication and Computing	2019-2020	1	Sri Eshwar College of Engineering	12
Intelligent Cognitive Radio Communications: A Detailed Approach	Dr. H. Anandakumar	Springer Innovations in Communication and Computing	2019-2020	1	Sri Eshwar College of Engineering	1
Energy Efficient Network Selection for Cognitive Spectrum Handovers	Dr. H. Anandakumar	Springer Innovations in Communication and Computing	2019-2020	1	Sri Eshwar College of Engineering	1
Software Radio Architecture: A Mathematical Perspective	Dr. H. Anandakumar	Springer Innovations in Communication and Computing	2019-2020	1	Sri Eshwar College of Engineering	1
Distributed Algorithms for Learning and Cognitive Medium	Dr. H. Anandakumar	Springer Innovations in Communication and Computing	2019-2020	1	Sri Eshwar College of Engineering	1
Supervised Machine Learning Techniques in Intelligent	Dr. H. Anandakumar	Springer Innovations in Communication and Computing	2019-2020	1	Sri Eshwar College of Engineering	12

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Network Handovers						
Secure Distributed Spectrum Sensing in Cognitive Radio Networks	Dr. H. Anandakumar	Springer Innovations in Communication and Computing	2019-2020	1	Sri Eshwar College of Engineering	2
AODV Route Discovery and Route Maintenance in MANETs	Dr. H. Anandakumar	IEEE Digital Library Publication	2019-2020	1	Sri Eshwar College of Engineering	7
Big Data Analytics for Sustainable Computing	Dr. H. Anandakumar	Springer Monet	2019-2020	1	Sri Eshwar College of Engineering	1
Evolution, Challenges and Application of Intelligent ICT Education: An Overview	Dr. H. Anandakumar	Computer Applications in Engineering Education	2019-2020	1	Sri Eshwar College of Engineering	12
Artificial Intelligence for Cognitive Telecommunication Network	Dr. H. Anandakumar	IEEE Xplore - ISMAC	2019-2020	1	Sri Eshwar College of Engineering	1
Next generation Wireless Communication Networks for Smart Grid	Dr. H. Anandakumar	IEEE Xplore - ISMAC	2019-2020	1	Sri Eshwar College of Engineering	1
A Novel Method to Detect and Prevent SQLIA Using Ontology to Cloud Web	Dr.K.Naveendurai	Wireless Personal Communications – Springer	2019-2020	1	Sri Eshwar College of Engineering	5

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Security						
Review Paper on Design And Fabrication Of Trash Boat	S. Vignesh	International Journal of Research in Engineering, Science and Management	2020	0	Sri Eshwar College of Engineering	--
Review Paper on Compressor Less Refrigerator	S. Vignesh	International Journal of Research in Engineering, Science and Management	2020	0	Sri Eshwar College of Engineering	--
Review Paper on Dissimilar Friction Stir Welding Of Aluminium Alloys	Vignesh S	International Journal of Research in Engineering, Science and Management	2020	0	Sri Eshwar College of Engineering	--
Review Paper On Solar Operated Agriculture Three In One Machine	Vignesh S	International Journal for Scientific Research & Development	2020	0	Sri Eshwar College of Engineering	--
Experimental Investigation Of Chemical And Tensile Properties Of Sansevieria Cylindrica Fiber Composites	N Balaji, S Balasubramani, T Ramakrishnan, Y Sureshbabu	Materials Science Forum	2020	7	Sri Eshwar College of Engineering	--
Wear Behaviour Of Aluminium 7075—Boron Carbide-Coconut Shell Fly Ash Reinforced Hybrid Metal Matrix Composites	Balasubramani Subramaniam, Balaji Natarajan, Balasubramani an Kaliyaperumal, Samson Jerold Samuel Chelladurai	Materials Research Express	2019	11	Sri Eshwar College of Engineering	--

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Review On Coconut Dehusking AndCutting Machine	Mr.A.R. Palanivelrajan	International Journal of Engineering Applied Sciences and Technology	2020	0	Sri Eshwar College of Engineering	--
Review On The Performance Analysis Of The Francis Turbine	K. Sathish	International Journal for Scientific Research & Development	2020	0	Sri Eshwar College of Engineering	--
A Review On Exhaust System Using Cyclone Seperator	R. Suresh Kumar	International Journal of Engineering Applied Sciences and Technology	2020	0	Sri Eshwar College of Engineering	--
Three Wheeled Drive Forklift	R. Vivek	International Journal of Research in Engineering, Science and Management	2020	0	Sri Eshwar College of Engineering	--
Design A Smart Faucet For Reducing The Water Wastage Using Iot	Suresh babu Y	International Journal of Recent Technology and Engineering	2020	0	Sri Eshwar College of Engineering	--
Surface Impurities Removal On The Natural Fibers By Using Various Chemical Treatments - A Review	T.Ramakrishnan	International Journal of Engineering Development and Research	2020	0	Sri Eshwar College of Engineering	--
Emission Characteristic In CI Engines Using Zirconium Porous	F. Justin Dhiraviam, V. Naveenprabhu , K. Satish and A.R. Palanivelrajan	AIP Conference proceedings	2019	4	Sri Eshwar College of Engineering	--

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Medium In Piston Head						
Experimental Investigation On Four Strokes Catalytic Coated Spark Ignition (SI) Engine	Y. Sureshbabu, P. Ashokavarthnan, S. Balasubramani and V. Naveenprabhu	AIP Conference proceedings	2019	4	Sri Eshwar College of Engineering	--
Experimental Investigation On Four-Stroke Catalytic Coated Spark Ignition Engine To Promote Cleaner Environment	Yessian Sureshbabu, P Ashokavarthnan,	Int. J. Enterprise Network Management	2019	0	Sri Eshwar College of Engineering	--
Optimization Of Performance And Emission Characteristics Of Catalytic Coated IC Engine With Biodiesel Using Grey-Taguchi Method	Sureshbabu Yessian, P Ashokabarthan an	Scientific reports/nature research	2020	9	Sri Eshwar College of Engineering	--
Smart Hot Chamber In Refrigeration System Based On Waste Heat Recovery	V. Naveenprabhu, F. Justin Dhiraviam	Indian Journal of Science and Technology	2019	4	Sri Eshwar College of Engineering	--
Experimental Investigation On Emission And Performance Characteristics	Sureshbabu Yessian , P.Ashoka Varthanan	Caribbean Journal of Science	2019	0	Sri Eshwar College of Engineering	--

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Of Catalytic Coated Piston And Combustion Chamber Of IC Engine						
Research On Performance And Emission Of IC Engine Using Porous Medium Cylinder Head	S.Prabhu, T.Suresh, B.Prabhu, S.Ramanathan, F.Justin Dhiraviam	International Journal of Innovative Technology and Exploring Engineering	2019	0	Sri Eshwar College of Engineering	--
Optimization And Experimental Investigation In Bottom Inlet Cyclone Separator For Performance Analysis	Venkatesh S, Sakthivel	Korean Journal of Chem Engg	2019	12	Sri Eshwar College of Engineering	--
Investigation Of Mechanical Behavior Of Friction Stir Welded Joints Of AA6063 With AA5083 Aluminum Alloys	S. Dharani Kumar and S. Sendhil Kumar	Mechanics and Mechanical Engineering	2019	7	Sri Eshwar College of Engineering	--
Review On Hydrodynamic Analysis Of Journal Bearing Using Computational Fluid Dynamics	Dharani kumar S	International Journal of Recent Technology and Engineering	2019	0	Sri Eshwar College of Engineering	--
Solar Operated Portable Water Purifier	Vivek R	International Journal for Research & development in technology	2019	0	Sri Eshwar College of Engineering	--

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
A Review On Shape Optimization And Analysis Of Connecting Rod Using Different Materials	A. Vimal	International Journal of Research in Engineering, Science and Management	2019	0	Sri Eshwar College of Engineering	--
An Overview Of Enhancement Of Mechanical Properties In Weld Joints On Magnesium Alloy: A Review	F. Justin Dhiraviam	International Journal of Research in Engineering, Science and Management	2019	0	Sri Eshwar College of Engineering	--
Automatic T-Shirt Folding Machine	S. Divya	International Journal of Research in Engineering, Science and Management	2019	0	Sri Eshwar College of Engineering	--
Design And Fabrication Of Adaptive Steering Controlled Headlight	K. Sathish	International Journal of Research in Engineering, Science and Management	2019	0	Sri Eshwar College of Engineering	--
Design And Fabrication Of Lifting Bed For Maintenance Of Heavy Vehicle	Justin Dhiraviam. F	International Journal of Engineering Science and Computing	2019	0	Sri Eshwar College of Engineering	--
Design And Fabrication Of Multi Drive Pulley Transmission Using CVT	A.Vimal	International Journal of Research in Engineering, Science and Management	2019	0	Sri Eshwar College of Engineering	--
Design And Fabrication Of	A. R. Palanivel Rajan	International Journal of	2019	0	Sri Eshwar	--

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Multifunctional Furniture		Research in Engineering, Science and Management			College of Engineering	
Effects Of Process Parameters And Mechanical Properties Of Stir Cast Aluminium 6063 Alloy: A Review	P. Arunachalam	International Journal of Research in Engineering, Science and Management	2019	0	Sri Eshwar College of Engineering	--
Engine Valve Lapping	S. Divya	International Journal of Research in Engineering, Science and Management	2019	0	Sri Eshwar College of Engineering	--
Friction Stir Welding Of Magnesium Alloy: A Review Of Experimental Findings (Process Parameters, Quality Weld Generating Variables)	Dharani Kumar S	International Research Journal of Engineering and Technology	2019	0	Sri Eshwar College of Engineering	--
Optimizing TIG Welding Parameters For AZ31B Magnesium alloys: A Review	Vivek. R	International Journal of Engineering Science and Computing	2019	0	Sri Eshwar College of Engineering	--
Review On Shot Peening Of Non Ferrous Alloy	S.Dharani Kumar	International Journal of Engineering Applied Sciences and Technology	2019	0	Sri Eshwar College of Engineering	--
Semi-	A. Vimal	International	2019	0	Sri	--

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Automatic Paper Bag Making Machine		Journal of Research in Engineering, Science and Management			Eshwar College of Engineering	
Semi-Automatic Pneumatic Sheet Metal Cutting And Bending Machine	R. Vivek	International Journal for Scientific Research & Development	2019	0	Sri Eshwar College of Engineering	--
Thermal Analysis Of Copper Coated Piston	Y. Sureshababu	International Journal for Scientific Research & Development	2019	0	Sri Eshwar College of Engineering	--
Torque Mapping And Productionization Of A Compressor	P. Arunachalam	International Journal of Research in Engineering, Science and Management	2019	0	Sri Eshwar College of Engineering	--
A Critique on Digital Transformation Of Music Production Using Virtual Sound Technology (Vst)	Mr.S.Gokul Dr.S.Ganeshkumar, Dr.R.Sureshkumar, Mr. Y.Sureshababu	International Journal of Scientific Research and Engineering Development	2019	0	Sri Eshwar College of Engineering	--
Investigation Of Wear Behaviour Of Silicon Carbide Tool Inserts And Titanium Nitride Coated Tool Inserts In Machining Of En8 Steel	S.Ganeshkumar, Dr.V.Thirunavukkarasu, Dr.R.Sureshkumar, Dr.S.Venkatesh Dr.T.Ramakrishnan	International Journal Of Mechanical Engineering & Technology	2019	11	Sri Eshwar College of Engineering	--
A Numerical Approach To	Dr.S. Ganeshkumar	International Journal Of	2019	6	Sri Eshwar	--

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Cutting Tool Stress In Cnc Turning Of En8 Steel With Silicon Carbide Tool Insert	Dr.R. Sureshkumar. Y. Sureshbabu, S.Balasubramani	Scientific & Technology Research			College of Engineering	
Development Of Manufacturing -Distribution Plan Considering Quality Cost	G.Gokilakrishnan Dr.P.Ashoka Varthanan	International Journal of Enterprise Network Management	2019	17	Sri Eshwar College of Engineering	--
Design And Fabrication Of Automatic Vegetable Cutting Machine	S. Gokul	International Journal of Research in Engineering, Science and Management	2020	0	Sri Eshwar College of Engineering	--
Design And Fabrication Of Mini Hydro Turbine	S. Gokul	International Journal of Research in Engineering, Science and Management	2020	0	Sri Eshwar College of Engineering	--
Plant Irrigation Water Sprinkler Robot	S. Gokul	International Journal of Research in Engineering, Science and Management	2020	0	Sri Eshwar College of Engineering	--
A Review On Purification Of Flue Gases By Using Both Venturi Scrubber And Cyclone Separator	R.Sureshkumar	International Journal of Engineering Applied Sciences and Technology	2020	0	Sri Eshwar College of Engineering	--
Design And Fabrication Of Automatic Cradle	Vimal A	International Journal of Research in Engineering, Science and	2020	0	Sri Eshwar College of Engineering	--

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
		Management				
A Review On Wave Energy Harvester	Vimal A	International Journal of Research in Engineering, Science and Management	2020	0	Sri Eshwar College of Engineering	--
Design And Fabrication Of Air Conditioning In Confined Space	Vimal A	International Journal of Research in Engineering, Science and Management	2020	0	Sri Eshwar College of Engineering	--
A low power fuzzy logic based variable resolution ADC for wireless ECG monitoring systems	T.Thamaraimanalan	Cognitive Systems Research	2019	3	Sri Eshwar College of Engineering	3
Leakage Power Reduction in Deep Submicron VLSI Circuits Using Delay-Based Power Gating	T.Thamaraimanalan	national academy science letters	2019	1	Sri Eshwar College of Engineering	1
An Improved Low Complex Offset Min-Sum based Decoding Algorithm for LDPC Codes	Michaelraj Kingston ROBERTS	Mobile networks and applications	2019	6	Sri Eshwar College of Engineering	6
AODV Route Discovery and Route Maintenance in MANETs	S.Deepak	5 th International Conference on Advanced Computing & Communication Systems (ICACCS)	2019	6	Sri Eshwar College of Engineering	6

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Theoretical investigation of homolumo,nbo analysis of butenafine	Ms.Sangeetha. A	Digest Journal of Biomaterials	2020	1	Sri Eshwar College of Engineering	1
Complexion of antibacterial agent Trimethoprim with Cytochrome P450 enzymes: A combined docking and QTAIM approach	R.K.Sangeetha	Tierärztliche Praxis	2020	1	Sri Eshwar College of Engineering	1
New results on controllability in the framework of fractional integrodifferential equations with nondense domain	Ms. K. Jothimani	The European Physical Journal Plus	2019	30	Sri Eshwar College of Engineering	26
Existence results of Hilferintegrodifferential equations with fractional order	Ms. K. Jothimani	Discrete & Continuous Dynamical Systems-S	2020	29	Sri Eshwar College of Engineering	27
New results on Caputo fractional-order neutral differential inclusions without compactness	Dr. N. Valliammal	Advances in Difference Equations	2019	24	Sri Eshwar College of Engineering	21
A new	Dr. N.	International	2019	33	Sri	31

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
investigation on fractional-order neutral differential systems with state-dependent delay	Valliammal	Journal of Nonlinear Sciences and Numerical Simulation			Eshwar College of Engineering	

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

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
Secure Distributed Spectrum Sensing in Cognitive Radio Networks	Dr. H. Anandakumar	Springer Innovations in Communication and Computing Book series	2019-2020	1	2	Sri Eshwar College of Engineering
Green wireless communications via cognitive handover	Dr. H. Anandakumar	Springer Innovations in Communication and Computing Book series	2019-2020	1	1	Sri Eshwar College of Engineering
Dynamic spectrum handovers in cognitive radio networks	Dr. H. Anandakumar	Springer Innovations in Communication and Computing Book series	2019-2020	1	3	Sri Eshwar College of Engineering
Software radio architecture: A mathematical	Dr. H. Anandakumar	Springer Innovations in	2019-2020	1	1	Sri Eshwar College of Engineering

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
perspective		Communication and Computing Book series				
Distributed algorithms for learning and cognitive medium	Dr. H. Anandakumar	Springer Innovations in Communication and Computing Book series	2019-2020	1	1	Sri Eshwar College of Engineering
Intelligent cognitive radio communications: A detailed approach	Dr. H. Anandakumar	Springer Innovations in Communication and Computing Book series	2019-2020	1	1	Sri Eshwar College of Engineering
Energy efficient network selection for cognitive spectrum handovers	Dr. H. Anandakumar	Springer Innovations in Communication and Computing Book series	2019-2020	1	1	Sri Eshwar College of Engineering
Cooperative spectrum handovers in cognitive radio networks	Dr. H. Anandakumar	Springer Innovations in Communication and Computing Book series	2019-2020	1	9	Sri Eshwar College of Engineering
A low power fuzzy logic based variable resolution ADC for wireless ECG monitoring systems	T.Thamaraiman alan	Cognitive Systems Research	2019	1	2	Sri Eshwar College of Engineering
Leakage Power Reduction in Deep Submicron VLSI Circuits	T.Thamaraiman alan	National academy science letters	2019	1	1	Sri Eshwar College of Engineering

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
Using Delay-Based Power Gating						
An Improved Low Complex Offset Min-Sum based Decoding Algorithm for LDPC Codes	Michaelraj Kingston ROBERTS	Mobile networks and applications	2019	1	2	Sri Eshwar College of Engineering
AODV Route Discovery and Route Maintenance in MANETs	S.Deepak	5 th International Conference on Advanced Computing & Communication Systems (ICACCS)	2019	1	5	Sri Eshwar College of Engineering
New results on controllability in the framework of fractional integrodifferential equations with nondense domain	Ms. K. Jothimani	The European Physical Journal Plus	2019	1	26	Sri Eshwar College of Engineering
Existence results of Hilferintegrodifferential equations with fractional order	Ms. K. Jothimani	Discrete & Continuous Dynamical Systems-S	2020	1	27	Sri Eshwar College of Engineering
New results on Caputo fractional-order neutral differential inclusions without compactness	Dr. N. Valliammal	Advances in Difference Equations	2019	1	21	Sri Eshwar College of Engineering
A new investigation on fractional-	Dr. N. Valliammal	International Journal of Nonlinear	2019	1	31	Sri Eshwar College of Engineering

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
ordered neutral differential systems with state-dependent delay		Sciences and Numerical Simulation				

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

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	2	45	72	16
Presented papers	4	1	-	-
Resource Persons	2	2	-	4

3.5 Consultancy

3.5.1 Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of Consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Mechanical Engineering	Lean Manufacturing	Mastro Lee Engineering and Management Consultancy	82,000.00
Mechanical Engineering	2D and 3D creation of Wall Hanging Basket	SSS Global	3,450.00
Mechanical Engineering	HVAC	Mastro Lee Engineering and Management Consultancy	1,20,000.00
Electronics and Communication Engineering	Sri Abirami Traders	Consultancy	58670.00
Electronics and Communication Engineering	Swatronics Pvt Ltd.	Consultancy	45700.00
Electrical and Electronics Engineering	Energy, Power Quality, Thermography and Electrical Safety Audit	M/s. STTAR Engineering Services	15,000.00
Electrical and	Energy, Power	M/s. PEPS Industries (P)	22,420.00

Name of the Consultant(s) department	Name of Consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Electronics Engineering	Quality, Thermography and Electrical Safety Audit	Limited	
Electrical and Electronics Engineering	Energy, Power Quality, Thermography and Electrical Safety Audit	Sumika Polimer Compounds Oragadam, Kanchipuram	47,200.00
Electrical and Electronics Engineering	Energy, Power Quality, Thermography and Electrical Safety Audit	Lucas TVS(P) Limited	93,500 .00
Electrical and Electronics Engineering	Energy, Power Quality, Thermography and Electrical Safety Audit	Eurocast Engineering	61,950.00
Electrical and Electronics Engineering	Energy, Power Quality, Thermography and Electrical Safety Audit	V S Hospitals	41,300.00
Electrical and Electronics Engineering	Energy, Power Quality, Thermography and Electrical Safety Audit	All India Radio	17,110.00
Electrical and Electronics Engineering	Energy, Power Quality, Thermography and Electrical Safety Audit	B J Electronics Private Limited	23,600.00
Electrical and Electronics Engineering	Energy, Power Quality, Thermography and Electrical Safety Audit	Lucas TVS(P) Limited Lighting Audit	29,500.00
Computer Science and Engineering	Employment Hub	South India Textile Research Association,Coimbatore	Goodwill Gesture
Computer Science and Engineering	CodeNow - Online Coding and Upskilling Platform	KODNV Software Solutions Pvt Ltd,Hyderabad	165,700.00
Computer Science and Engineering	IICCSS Technologies	Online Property Management System	96,000.00
Total			709600.00

3.5.2 Revenue generated from Corporate Training by the institution during the year

Name of the Consultant(s) & Department	Title of the Programme	Agency seeking training	Revenue generated (amount in rupees)	Number of trainees
-	-	-	-	-

3.6 Extension Activities

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

Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated in such activities	Number of students participated in such activities
Rally for Water management safety and rainwater harvesting	Sri Eshwar College of Engineering and Kondampatti Panchayat	1	49
Independence Day Program (2019)	Sri Eshwar College of Engineering and Unnath Bharath Abiyan	5	12
Black Board Work at Kondampatti Govt. School	Sri Eshwar College of Engineering	3	-
Kondampatti Govt. School students visit to Sri Eshwar College of Engineering	Sri Eshwar College of Engineering	2	1
Republic Day 2020 program	Sri Eshwar College of Engineering and Unnath Bharath Abiyan	1	4
Republic Day Celebration at School	Sri Eshwar College of Engineering	10	16
Stationary Items provided to the School Students – 15.08.2019	Unnath Bharath Abiyan	5	50
Gram sabha meeting – 15.08.2019	Unnath Bharath Abiyan	5	15
Cakes for School Students – 26.01.2020	Unnath Bharath Abiyan	5	50
Gram sabha meeting – 26.01.2020	Unnath Bharath Abiyan	5	15
Yoga training session to Kothavadi school students on 21.08.2019	Unnath Bharath Abiyan Team & Messer India	2	1
UBA Household survey @ Kurunallipalayam	Sri Eshwar College of Engineering	3	80

Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated in such activities	Number of students participated in such activities
conducted by Extension head and teams			
Independence day celebrations and UBA activities at Kurunallipalayam village.	Sri Eshwar College of Engineering	2	12
Active Participation in gram sabha - Kurunallipalayam	Sri Eshwar College of Engineering	1	12
Plantation of saplings in Govt. school and creating awareness about the importance of sanitation and avoiding open defecation in public areas is done in Kurunallipalayam village	Sri Eshwar College of Engineering	2	12
SESSWA-Independence Day Celebration	Sri Eshwar College of Engineering	3	10
SESSWA-Rally	Sri Eshwar College of Engineering	3	100
SESSWA-Republic day Celebration	Sri Eshwar College of Engineering	3	10
First Year Induction Programme on 1.8.2019	NSS	1	100
Blood Donation Camp conducted on 24.9.2019	NSS	1	100
Road Rally programme for Mahatma Gandhi Birthday conducted on 2.10.2019	NSS	1	100
Five Days Camp at Vadapudhur, Kinathukadavu from 25 th November 2019 to 29 th November 2019	NSS	1	100
Independence Day 2019 on 15.8.2019	NSS	1	100
Rupublic Day 2020 on 26.01.2021	NSS	1	100
Cyclethon Road Rally at Race Course, Coimbatore on	NSS	1	100

Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated in such activities	Number of students participated in such activities
2.2.2020			
Awareness on Corona Virus on 10.2.2020	NSS	1	100
Blood Donation Camp on 22 nd February 2020	NSS	1	100

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

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
-	-	-	-

3.6.3 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 co-ordinated such activities	Number of students participated in such activities
Jal Sakthi Abiyan	Sri Eshwar College of Engineering and Kondampatti Panchayat	Rally for Water management safety and rainwater harvesting	1	49
Unnath Bharath Abiyan	Sri Eshwar College of Engineering	Independence Day Program (2019)	5	12
Unnath Bharath Abiyan	Sri Eshwar College of Engineering	Republic Day 2020 program	1	4
National Independence Day camp	Unnath Bharath Abiyan	Participated in 73 rd Independence day celebration at Kodhavadi village on 15.08.2019	2	4
Green Day Celebration	Unnath Bharath Abiyan	Awareness camp on Tree plantation at Kodhavadi village	2	4
National Republic Day Camp	Unnath Bharath Abiyan	Republic day celebrations at Kodhavadi village	2	4

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers co-ordinated such activities	Number of students participated in such activities
Grama Sabha	Unnath Bharath Abiyan	Participation of Grama Sabha at Kodhavadi village	2	4
Unnath Bharath Abiyan	Sri Eshwar College of Engineering	UBA Household survey , Plantation of saplings	2	80

3.7 Collaborations

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

Nature of Activity	Participant	Source of financial support	Duration
Computer Science and Engineering			
Training from Industry	Vaishnavi, Shaju Shanmugapriya Logaprakash M Gayathiri N	Sri Eshwar College of Engineering	1 month
Mechanical Engineering			
Training from Industry	Mr.R.Tiruppathi Mr.P.Arunachalam	Sri Eshwar College of Engineering	1 day
	Mr.S.Vignesh Mr.A.Vimal	Sri Eshwar College of Engineering	4 days
	Mr.F.Justin Dhiraviam Mr.S.Divya Mr.Y.Suresh Babu	Sri Eshwar College of Engineering	26 days
Electrical and Electronics Engineering			
Industrial Training for Faculties	Mr. B. Hemananth Mr. R. Prem Kumar Mr. S. Sheikameer Batcha Mrs. N. Pushpalatha Mr. R. Hariharan Mr. K. Raj Thilak Mr. P. Anbarasu Mr. C. Mohanraj Mrs. R. Srisangeetha Dr. W. Rajan Babu	Sri Eshwar College of Engineering	15 days
Electronics and Communication Engineering			
Training from Industry	S.Dhanasekaran A.Ramesh R.Brindha M.Mohankumar E.Venugopal V.Anandkumar V.V Terasa	Sri Eshwar College of Engineering	5 days

Nature of Activity	Participant	Source of financial support	Duration
	V.Mathiazhagan V.Parthiban		
	Ms.R.Brindha	Sri Eshwar College of Engineering	5 days

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	Participant
Computer Science and Engineering				
Internship	Intern	Amazon Development Centre (India) Private Limited, SP Infocity Main Street, MGR Nagar, Kandancavadi, Perungudi, Chennai, Tamil Nadu 600096	23.09.2019 to 29.05.2020	Sampathkumar R
		Amphisoft Technologies No 123, 127, Kattoor Rd, P N Palayam, Tamil Nadu 641037	05.06.2019 to 21.03.2020	Riswanth S
		Calibraint Technologies TICEL Bio Park, II Block, 5th Floor, CSIR Rd, Tharamani, Chennai, Tamil Nadu 600113	02.12.2019 to 30.03.2020	Hari Shankar
		Chain-Sys (India) Pvt Ltd. Vinayagar Koil St, Kongu Nagar Extension, Krishnaswamy Nagar, Sowripalayam Pirivu, Ramanathapuram, Tamil Nadu	18.12.2019 to 30.05.2020	Aishwaryaa K,
			18.12.2019 to 30.05.2020	Manoj A
			18.12.2019 to 30.05.2020	Vijay Sathyanarayanan

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	Participant
		641045		
		Coviam Technology and services Pvt Ltd 1069, 24th Main Rd, Sector 4, HSR Layout, Bengaluru, Karnataka 560102	06.01.2020 to 06.07.2020	Shivani
		DUCEN IT 4/363 , Block-B, III Floor, Old Mahabalipuram Rd, Kandancavadi, Chennai, Tamil Nadu 600096	20.01.2020 to 30.05.2020	Aishwariyaa S
		EmbedUR phase 2, 11th Floor, TICEL Bio Park ltd, No 5, CSIR Rd, Tharamani, Chennai, Tamil Nadu 600113	17.02.2020 to 17.05.2020	Deepak Mohan Singh
		Freshworks Block B, Global Infocity TechPark, 40, MGR Main Rd, Kodandarama Nagar, Perungudi, Chennai, Tamil Nadu 600096	06.01.2020 to 06.06.2020	Amit Kumar
		APPRANIX 1136 Jayyaseeli Plaza, Dr Radhakrishna St, Gandhipuram, Tamil Nadu 641012	15.08.2020 to 17.12.2020	Manju M
		HashedIn Technologies #36/5, Somasundarapalya, 27th Main Rd, Sector 2, HSR Layout, Bengaluru, Karnataka 560102	01.08.2019 to 01.08.2020	S. Hariprasadh
			01.08.2019 to 01.08.2020	Mr. Dharmveer
			01.08.2019 to 01.08.2020	Yogesh Kumar M S
		Informatica	12.08.2019 to	Anuruddha Pratap

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	Participant
		Tharamani, Chennai, Tamil Nadu 600113	07.08.2020 12.08.2019 to 07.08.2020	Sibin Poul Augustine
		Kovai.co Module No. GF 002/1 Tidel Park ELCOT SEZ, Civil Aerodrome Post, Coimbatore, Tamil Nadu 641014	10.12.2019 to 31.05.2020	Dharshini Y Fareed Ahamed Angala Parameshwari Christhini R
		Payoda Technologies Private Limited Tidel Park, Module No. 120/2 1st Floor North Block Elcot SEZ, Coimbatore IT Park Rd, Coimbatore, Tamil Nadu 641014	06.08.2019 to 02.02.2020	Ashmitha Ragavi
		Skava systems Private Limited Tidel Park, Peelamedu, B.R. Puram Industrial Estate, Coimbatore, Tamil Nadu 641014	19.08.2019 to 31.05.2020	Kiruthivashini S Thirurravukkarasu K
		Soft Suave No-100, Kundrathur Main Rd, MS Nagar, Porur, Chennai, Tamil Nadu 600116	15.12.2019 to 30.06.2020	Yogesh Kumar.M.S
		Techvolt #28, Thacil Centre, 2nd Floor, Raja Annamalai Rd, above City Union Bank Sivasakthi, Saibaba Colony, Tamil Nadu 641011	04.12.2020 to 15.03.2020	Divya S Aarthi Jayakumar Mathumitha
		ThoughtWorks Technologies 1st Floor, KCT	05.11.2019 to 05.03.2020	Bhavadharani K

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	Participant
		Tech Park, Thudiyalur Rd, Saravanampatti, Coimbatore, Tamil Nadu 641049		
		Trimble Information Technologies No. 4, Old Mahabalipuram Rd, Kandancavadi, Tharamani, Chennai, Tamil Nadu 600113	02.12.2019 to 31.05.2020	Manimegalai A
		Vedantu Innovations Pvt. Ltd. 120, 14th Main Rd, 1st Sector, HSR Layout 5th Sector, Bengaluru, Karnataka 560102	05.08.2019 to 02.02.2020	Naveen R.G Ramanathan M
		ZOHO Estancia IT Park, Plot No. 140 & 151 GST Road, Vallancherry, Village, Chengalpattu, Tamil Nadu 603202	05.08.2019 to 06.06.2020	Nalini S Sabari Velan .G Shivam Mishra Sathishkumar.P Srihari .R
Mechanical Engineering				
Industrial powered Lab	Industrial Attachment Program	Roots Industries, Thudialoor	21/2/2020 & 25/2/2020	99 students
Training	Internship	Icf, Perambur	6/6/2019-20/6/2019	Lallu Raja M
Training	Internship	Annamalais Motors Pvt Ltd, Coimbatore	28/5/2019-12/6/2019	Gnanaprasanth R Gowtham K
Training	Internship	Bimetal Bearing, Coimbatore	1/6/2019-15/6/2019	Murugananthan S Udaya Prathap S Vignesh A
Training	Internship	Roots Multiclean Ltd	24/5/2019-23/6/2019	Dinesh Kumar P
Training	Internship	Shreta Lab Technology,	21/5/2019-12/6/2019	Vivin Richard

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	Participant
		Chennai		
Training	Internship	L&T Defence, Coimbatore	7/1/2020-29/1/2020	Ruthreesh T
Training	Internship	Bimetal Bearing, Coimbatore	19/8/2019-31/03/2020 (2days per week)	K.Sivakumar J.Prithiviraj S.Naveen G.Stephen Jebadurai P.Vigneshwaran
Training	Internship	L&T Defence, Coimbatore	1/8/2019-30/9/2019	M.Raakesh
Training	Internship	Ksb Pumps	13/5/2019-29/6/2019	Harshvardhan.B
Training	Internship	Pricol Limited	17/7/2019-18/8/2019	Nithin Gilfred Sudalai Thangamani Ragavan.M
Training	Internship	IIT Madras	13/5/2019-13/7/2019	G.Stephen Jebadurai
Training	Internship	Ksb Pump	17/2/2020-31/3/2020	Divya Dharsini.C
Training	Internship	Focus R	19/2/2019-31/3/2019	Dharanidaran.D Navinkumar.R Udayakumar.S Saji.S Kavin.Kr
Training	Internship	Pricol Limited	16/12/2019-31/3/2019	Ragavan.M Shanketh.S
Training	Internship	Khaaizeen Equipments	24/1/2020-31/03/2020	Sabaridhinesh.S Saran.G
Training	Internship	Altran	8/1/2020-31/3/2020	Dineshkumaran.K Naveen Prasanth K Nidhin Gilferd J Raj Kumar.M Shree Hari
Electrical and Electronics Engineering				
Industry Linkage	Internship Training	Vasantha Advanced Systems	05.11.2019 to 29.11.2019	1. Mr.Mohan Kumar 2. Mr.N.Naveen Kumar 3. Mr.S.Ragul 4. Mr.D.Subathra

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

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teacher participated under MoUs
Aspire Systems	21/12/2019	To provide Industry ready Students and Providing Training to the students and completion of Projects	19
University of Malaya	19/08/2019	International Advisory Board-Dr.Sri Devi Ravana, Associate Professor, Department of Information Systems, Faculty of Computer Science and Information Technology, University of Malaya has become one of the members from 26.11.2019. 33 students and 3 faculty members visited University of Malaya from 29.06.2019 to 3.7.2019. Internship talk was initiated for a group of students during the month of Decemeber 2019. Due to corona, it was dropped	37
Infosys Limited	17/12/2019	Renewal of MoU was done on 19.12.2019 for next two years. 2 faculty members were attended FEP on Python from 25 th to 29 th May 2020. 2 students nominated for 3 day workshop on INFITQ from 17 th to 19 th Feb, 2020. faculty attended TTT on INFITQ based Foundation Program from 24 th to 26 th Jun 2020.	5
GR Industries	06/03/2020	Faculty Training Internship	6

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
Rs.25Lakhs	Rs.21.7Lakhs

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area	75667 Sqm.	
Class rooms	60	
Laboratories	73	
Seminar Halls	5	
Classrooms with LCD facilities	60 Yes	
Classrooms with Wi-Fi/ LAN	60 Only LAN	
Seminar halls with ICT facilities	Yes	
Video Centre	-	1
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	-	2
Value of the equipment purchased during the year (Rs. In Lakhs)	-	528000.00
Others		

4.2 Library as a Learning Resource

4.2.1 Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
OPAC – Online Public Access Catalog	Partially	-	2008
Impress ERP	Partially	-	2011

4.2.2 Library Services:

	Existing		Newly added		Total	
	No	Value	No	Value	No	Value
Text Books	17672	1119436	122	47542	17794	1166978
Reference Books	3,028	7593806			3028	7593806
e-Books	1018	0			1018	0
Journals	151	424490	98	291251	249	715741
e-Journals	934	678738	0	0	934	678738
Digital Database	186	50000	0	0	186	50000
CD & Video	2065	0	31	0	2096	0
Library						

	Existing		Newly added		Total	
	No	Value	No	Value	No	Value
automation						
Weeding (Hard & Soft)						
Others (specify)						

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
Dr.S.Ganeshkumar	Learn Robotics using Arduino	UDEMY	01/05/2020
Dr.S.Ganeshkumar	Technical Drawing for Engineers	UDEMY	01/05/2020
Mr.B.Hemananth	Basics of resonance, Series resonance, Problem solving in resonance	MS Power Point- Youtube	27/03/2020
Mr.B.Hemananth	Circuit breaker basics	MS Power Point- Youtube	01/04/2020
Mr.B.Hemananth	Air circuit breakers, Minimum oil circuit breaker, SF6 circuit breaker	MS Power Point- Youtube	07/04/2020
Mr.B.Hemananth	Parallel resonance, Coupled circuits, Co efficient of coupling	MS Power Point- Youtube	10/04/2020
Mr.B.Hemananth	Basics about transient response	MS Power Point- Youtube	15/04/2020
Mr.B.Hemananth	Introduction to three phase system	MS Power Point- Youtube	25/04/2020
Mr.B.Hemananth	Analysis of three phase star/delta connected systems	MS Power Point- Youtube	28/04/2020
Mr.C.Mohanraj	Circuit Theory for TRB and Gate Exam	MS Power Point- Youtube	26/10/2020
Mr.C.Mohanraj	BEEE	MS Power Point- Youtube	11/04/2020
Mr.C.Mohanraj	Circuit Analysis	MS Power Point- Youtube	11/02/2020
Mr.C.Mohanraj	Electrical General Concepts	MS Power Point- Youtube	23/11/2019
Mr.C.Mohanraj	Automation	MS Power Point- Youtube	23/07/2019
Mr.C.Mohanraj	AC Machines	MS Power Point- Youtube	12/10/2019
Mr.C.Mohanraj	DC Machines	MS Power Point- Youtube	09/10/2019
Mr.C.Mohanraj	Transformers	MS Power Point-	23/08/2019

Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e – content
		Youtube	
Dr.V.V.Teresa	Comparison between ROM and RAM	MS Power Point- Youtube	10/5/20
Dr.V.V.Teresa	Implementation of combinational circuit using PAL	MS Power Point- Youtube	10/5/20
Dr.V.V.Teresa	Race free state assignment	MS Power Point- Youtube	20/4/20
Dr.V.V.Teresa	Race conduction	MS Power Point- Youtube	18/4/20
Dr.V.V.Teresa	Hazards Asynchronous sequential circuits	MS Power Point- Youtube	16/4/20
Dr.V.V.Teresa	Introduction to flip flops	MS Power Point- Youtube	25/3/20
Dr.V.V.Teresa	Basics of sequential circuits	MS Power Point- Youtube	23/3/20
Dr.V.V.Teresa	Design of clocked sequential circuit	MS Power Point- Youtube	23/3/20
Dr.V.V.Teresa	Design of synchronous counter with squence	MS Power Point- Youtube	23/3/20
Dr.V.V.Teresa	Design of ripple asynchronous	MS Power Point- Youtube	23/3/20
Dr.V.V.Teresa	Implementation of combinational circuit using pla	MS Power Point- Youtube	8/5/20
Dr.V.V.Teresa	Vhdl code for t flip flop	MS Power Point- Youtube	27/4/20
Dr.V.V.Teresa	Vhdl code for JK flip flop	MS Power Point- Youtube	26/4/20
Dr.V.V.Teresa	Vhdl code for simple counter	MS Power Point- Youtube	26/4/20
Dr.V.V.Teresa	Vhdl code for D flip flop	MS Power Point- Youtube	25/4/20
Dr.V.V.Teresa	Vhdl code for SR flip flop	MS Power Point- Youtube	25/4/20
Dr.V.V.Teresa	An example problem to show elimination of hazard	MS Power Point- Youtube	22/4/20
Dr.V.V.Teresa	Design of asynchronous sequential circuit	MS Power Point- Youtube	21/4/20
B.GOKULAVASAN	Maxwell's Equations	You Tube	24/03/2020
B.GOKULAVASAN	Boundary Conditions of Electro Magnetic Fields	You Tube	27/03/2020
B.GOKULAVASAN	Electro Magnetic Wave Equations	You Tube	27/03/2020
Dr.S.Dhanasekar	Introduction to FPGA	Youtube	24/03/2020
Dr.S.Dhanasekar	Basic Architecture of FPGA	Youtube	24/03/2020
Dr.S.Dhanasekar	Altera Max 9000 Interconnect	Youtube	24/03/2020

Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e – content
	Architecture		
B.Anuradha	Introduction- 4G Vision, 4G Features and challenges, Applications of 4G	Youtube	27/03/2020
B.Anuradha	4G Technologies And its categories Cognitive Radio	Youtube	27/03/2020
Venugopal	Passive elements and its equation	Youtube	26/3/2020
Venugopal	Transient Response	Youtube	27/3/2020
Venugopal	Transient response of RL Circuit	Youtube	30/3/2020
Venugopal	The Review of Electromagnetics	Youtube	10/4/2020
Venugopal	Introduction to Robotics	Youtube	17/4/2020
Venugopal	Sample Video For Boomerang DIY Design Contest	Youtube	14/7/2020
Brindhya R	DAC&ADC	Youtube	30/04/2020
Mr.S.Sampath Kumar	Software Engineering: CS8494 - Software Engineering - Unit IV - White Box Testing	Youtube	25/03/2020
Mr.S.Sampath Kumar	Software Engineering: CS8494 - Software Engineering - Unit IV - System Testing & Debugging	Youtube	28/03/2020
Mr.S.Sampath Kumar	Software Engineering: CS8494 - Software Engineering - Unit V - Software Project Management	Youtube	04/04/2020
Ms.S.Shanthi	Compiler Design - Optimization of Basic blocks and DAG construction	Youtube	9/4/2020
Ms.S.Shanthi	Compiler Design - Peephole Optimization	Youtube	9/4/2020
Ms.S.Shanthi	Compiler Design - Principle Sources of Optimization	Youtube	2/4/2020
Ms.V.Niranjani	0 /1 Knapsack problem using Greedy Technique	Youtube	24/3/2020
Ms.V.Niranjani	Introduction to branch and bound, assignment problem using branch and bound	Youtube	30/4/2020
Ms.V.Niranjani	Knapsack problem using	Youtube	30/4/2020

Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e – content
	branch and bound technique		
Ms.Saradha S	ARTIFICIAL INTELLIGENCE_UNIT V_INFORMATION RETRIEVAL	Youtube	5/4/2020
Ms.Sreemathy J	Data warehousing and Data Mining - Classification - Part 2	Youtube	25/3/2020
Ms.Sreemathy J	Data warehousing and Data Mining - Classification - Part 1	Youtube	25/3/2020
Ms.Sreemathy J	Data warehousing and Data Mining -Clustering	Youtube	3/4/2020
Mr.V.Venkatesh	Human Computer Interaction - Mobile Ecosystem	Youtube	27/03/2020
Mr.M.Logaprakash	Human Computer Interaction - Overlays and Inlays	Youtube	03/04/2020
Mr.M.Logaprakash	Software Engineering: CS8494 - Software Engineering - UNIT IV - Black Box Testing	Youtube	25/03/2020
Mr.A.Anandaraj	Mobile Compting-Mcommerce	Youtube	3/4/2020
Dr.Saravankumar	Mobile Compting-Wireless Application Protocol	Youtube	24/3/2020
Mr.A.Anandaraj	Distributed Systems-Consensus and Agreement Algorithms	Youtube	4/4/2020
Ms.A.Gayathri	Internet Programming - PHP	Youtube	25/3/2020
Ms.A.Gayathri	Internet Programming - Database Connectivity using Mysql	Youtube	31/3/2020
Ms.N.Gayathri	Software Engineering: CS8494 - Software Engineering - Unit IV - COCOMO Model	Youtube	5/4/2020

4.3 IT Infrastructure

4.3.1 Technology Upgradation (overall)

	Total Computers	Computer Labs	Internet (Bandwidth)	Browsing Centres (No/ of Computers)	Computer Centres (No/ of Computers)	Office (No/ of Computers)	Departments (No/ of Computers)	Available bandwidth (MGBPS)	Others (No/ of Computers)
Existing	1262	1050	143	60	60	20	108	143	77
Added	-	-	-	-	-	-	-	-	-
Total	1262	1050	143	60	60	20	108	143	77

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

143 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
Learning Hub Computer Science /You Tube Channel	https://www.youtube.com/channel/UC3F1GdhmtrNUO7qQrELcVkw/videos
Learning Hub Mechanical /You Tube Channel (170 Videos Available)	https://www.youtube.com/channel/UCG7S2jF1C2TRAD-InNEWOeA/videos
Learning Hub Electronics and Communication /You Tube Channel	https://www.youtube.com/channel/UC2R1COtTwA66yYrBDU9vjKA/videos
Learning Hub Electrical and Electronics /You Tube Channel	https://www.youtube.com/channel/UCxSNsEAes4ggAhP9M-avP6A/videos
Learn Electrical Concepts with Sri Eshwar College of Engineering(SECE)	https://www.youtube.com/channel/UC70r43A_co48iVndrAkmUSg/videos

4.4 Maintenance of Campus Infrastructure

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

Assigned budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
Rs.85 L	Rs.84.03 L	Rs.60 L	Rs.59.19 L

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)

Maintenance of physical, academic and support facilities

- A master maintenance schedule for every laboratory is maintained by the respective laboratory in-charge.
- The master maintenance schedule identifies the various equipment that are available in the lab and also the frequency of their maintenance viz., Weekly, Fortnightly, Monthly, Quarterly, Half Yearly, Yearly.
- The master maintenance schedule becomes the reference document for scheduling the maintenance activities
- Maintenance of equipment is carried out by qualified staff members or service technicians from the vendors.
- Based on the frequency defined, maintenance activities are coordinated with service providers, where required.
- The outcome of the maintenance activity is recorded in the Maintenance Register.
- The Maintenance Register captures the details of both Preventive Maintenance and Break Down Maintenance.
- Where required, spares are replaced during the maintenance activity and details of the same are captured in the Maintenance Register
- The replaced parts are handed over to the Stores Department for disposal
- The Maintenance Register is used to observe the performance of the equipment based on both Preventive and Break Down Maintenance
- The Maintenance Register is also used to analyze the maintenance cost incurred on every equipment and take informed decision of retention or disposal of such equipment.
- Stock Verification is executed every year for laboratories, library and sports facilities
- Calibration of measuring instruments is done in every 3 years

Utilization of physical, academic and support facilities

- All the classrooms in SECE are Information and Communication Technology (ICT)enabled and are equipped with LCD projectors, computers connected to Internet to utilize the e-resources as a support for the subjects being taught.
- The department students utilize the laboratories for their mini projects, innovative projects and final year projects.
- Faculty members guide the students during working hours and beyond working hours to carry out projects
- After working hours, students will use library and sports facilities

<https://sece.ac.in/wp-content/uploads/2021/04/HR-Manual-1.pdf>

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	Tuition fee	300	11277850.00
	Hostel fee	99	5752500.00
	Transport fee	99	2154850.00
	Sports Scholarship	23	2029300.00
		221	1193900.00
Financial support from other sources			
a) National	-	-	-
b) International	-	-	-

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

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Soft Skill Development	02/07/2019	2000	Sri Eshwar College of Engineering
Mentoring	02/07/2019	2000	Sri Eshwar College of Engineering
Soft Skill development	01/8/2019	441	Sri Eshwar College of Engineering
Power of Focus, Mind Mapping, Memory Techniques and Super Brain Yoga	05/8/2019	441	Dr. R. Krishnamurthi, IMPACT – Inspiring Minds
Grooming and Professional Ethics	05/8/2019	441	Dr. Subramanian/President/JCI
Yoga	06/8/2019	441	Balavidhya / Yoga
Environmental Issues / An Awareness	07/8/2019	441	Dr. Ilangovan
Bridge course	06-06-2019 To 15-06-2019	252	Sri Eshwar College of Engineering, Dept. of Maths
Lateral students coaching class	26-07-2019	28	Sri Eshwar College of Engineering, Dept. of Maths
Evening coaching class for Higher class	11-02-2020 To 03.03.2020	145	Sri Eshwar College of Engineering, Dept. of Maths
Evening coaching class for First year	11-02-2020 To	153	Sri Eshwar College of Engineering, Dept. of

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
	11.03.2020		Maths
Evening coaching class for First year(Odd Sem)	09-10-2019 To 10-12-2019	153	Sri Eshwar College of Engineering, Dept. of Maths
Evening coaching class for Higher class(Odd Sem)	20-08-2019	145	Sri Eshwar College of Engineering, Dept. of Maths
Arrear Coaching Class For Transforms & PDE	23-08-2019 To 24-08-2019	15	Sri Eshwar College of Engineering, Dept. of Maths
Arrear Coaching Class For Engg. Mathematics I	16-12-2019 To 17-12-2019	38	Sri Eshwar College of Engineering, Dept. of Maths
Arrear Coaching Class For Engg. Mathematics II	16-12-2019 To 17-12-2019	14	Sri Eshwar College of Engineering, Dept. of Maths
Arrear Coaching Class For Transforms & PDE	21-11-2019	25	Sri Eshwar College of Engineering, Dept. of Maths
Arrear Coaching Class For Transforms & PDE	20-11-2019	46	Sri Eshwar College of Engineering, Dept. of Maths
Arrear Coaching Class For PQT & PRP	12-12-2019 To 13-12-2019	18	Sri Eshwar College of Engineering, Dept. of Maths

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

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2019-2020	Competitive Exams	11	14	1 (Sreeja/ IV CSE) Cleared Group 4 for the post of RI&VAO	1
2019-2020	GATE Coaching by GATE FORUM	24	21	-	16

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

Total grievances received	No. of grievances redressed	Average number of days for grievance Redressal
--	-	-

5.2 Student Progression

5.2.1 Details of campus placement during the year

On Campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
Agnito	78	1	Anugraha Valve Castings Limited	21	7
AIS	58	2	BYJU'S Think & Learn	58	6
Altran	152	6	Calibriant Technology	46	2
Amazon	120	1	CRI Pumps	16	8
Amphisoft tech	78	3	Digital Marketing	18	5
Appranix	28	3	Emerson	97	3
Aqua Sub Engineering	15	4	e-Royce	15	1
Aspire Systems	76	18	Fluid Pumps	45	9
Atos Syntel	65	5	Freshworks	54	1
Capgemini	254	42	Informatica	128	2
Chainsys	118	8	IPAC	46	1
Coviam	228	4	Jio	12	6
Doiter Casting Pvt Ltd	24	4	KHARYZEN	7	2
Ducent IT	138	8	Mangla Smart Energy Solutions Pvt. Ltd.,	3	1
DXC Technologies	142	2	NTT Data	125	15

On Campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
Embed UR	138	2	Orion Business Innovation	21	2
Examly	28	1	Payoda Technologies	58	2
Focus R	68	8	Poornam Infotech,	14	1
FSS Services	68	5	Pricol	59	1
Full Creative	178	9	Protech International	8	1
FUNDSINDIA	132	3	Skava Systems	43	7
Hexaware Technologies	142	4	Smart Pvt Ltd.,	38	10
Infosys Technologies	68	1	Span technologies	6	1
JMAN Group	62	1	Syrma Technologies	28	1
Kovai.Co	169	5	Texmo	43	3
KSB Pumps Limited	89	1	Trimble Navigation	38	1
Mazenet	16	3	Victus	4	2
Milekal	27	1	Vuram Technologies	23	3
MrCooper	68	1			
MulticoreWare	78	1			
Mu-Sigma	92	3			
National Stock Exchange of India Ltd.,	128	2			
Ndot Technologies	116	2			
OFS	43	4			
Open Text	62	4			
Qubercomm	38	2			
Quest Global India	112	9			

On Campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
Renault Nissan Technology	74	11			
Seyon innovative Engineering	54	4			
Soft Suave	73	2			
Softsquare Solutions	76	3			
Sysnautix Tech	57	5			
Tech Mahindra	32	2			
Techvolt	56	9			
Thoughtworks	67	2			
Valued Epistemics	12	2			
Vedantu	38	6			
Virtusa India	347	60			
Wipro Technologies	28	2			
Zoho	368	11			
Hashedin Technologies	148	3			
Sopra Steria	54	3			
Gestamp Automotive Chennai Pvt Ltd	58	17			
Maitri Technology Solutions	15	2			

5.2.2 Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2019-2020	3	B.E.	Computer Science and Engineering	1/Amritha Institute Of Engineering & Technology/ 2/Kumaraswamy	1/M/Tech(IT), 2/MBA 3/ MBA

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
				College Of Engineering,3/Fire Bird Institute of Research & Management	
2019-20	1	B.E.	Mechanical Engineering	Sapienza University of Rome,	ME /Transport Systems Engineering
2019-20	1	B.E.	Mechanical Engineering	Murdoch University, Australia	MS/ Renewable and sustainable Energy
2019-20	1	B.E	Electronics and Communication Engineering	Deakin University, Melbourne	Masters in IT
2019-20	1	B.E.	Electronics and Communication Engineering	Thiagarajar School of Management	PGDM
2019-20	1	B.E.	Electronics and Communication Engineering	Annamalai University	MBA
2019-20	2	B.E.	Electrical and Electronics Engineering	GATE Forum	GATE

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

Items	No/ of Students selected/ qualifying	Registration number/roll number for the exam
NET		
SET		
SLET		
GATE		
GMAT		
CAT		
GRE	1	Reg.no.26185
TOFEL		
Civil Services		
State Government Services		
Any Other / TANCET/ IELTS	4	Reg.no.12143110, 395627, 244150, 244149

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

Activity	Level	Participants
Anna University Zone Volleyball Championship For Men	Zone Level	240
Sri Eshwar Trophy For Engineering Men Teams (5's Football, Volleyball,)	Inter College Level	600
Sri Eshwar Trophy For School Boys And Girls (Basketball, Volleyball, Chess)	School Level	800
Sri Eshwar Trophy For Polytechnic Boys And Girls (Volleyball,)	Polytechnic College Level	200
Cultural Activities conducted in the following events		
7th Alumni meet	College level	400
SPARK 2019	Inter school level	1000
Independence Day Celebration	College level	250
Teachers Day Celebration	College level	250
MEDIA MAX Launch	Inter College level	1500
Toastmasters International - Speech Contest	National Level	300
Launch of Cyberspace Club	College level	250
Student Leadership Council - Inauguration	College level	600
Republic day Celebration	College level	250
Media.com – Launch Competitions Anchoring Radio Jockey Content writing Film making Photography & Videography Public speaking	National level	350
Tamil Mandram - Inauguration	College level	300
Industry Connect 2019	National Level	3000+(Direct) & 7000+(online)

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/ International	Sports	Cultural	Student ID number	Name of the student
2019-20	First Prize And Received 10,000 Cash	National	State Level Inter Engineering Tournament / Volley Ball Match	-	17cs060	Jawid Akthar S

Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
2019-20	First Prize And Received 10,000 Cash	National	State Level Inter Engineering Tournament / Volley Ball Match	-	17cs153	N.Sukanth
2019-20	First Prize And Received 10,000 Cash	National	State Level Inter Engineering Tournament / Volley Ball Match	-	16cs021	Arun Dhayalan
2019-20	Received Merit Certificate	National	Inter College Sports Meet	-	18cs023	Chandini R
2019-20	Received Merit Certificate	National	Inter College Sports Meet	-	17cs107	R.Pooja Sekhar
2019-20	Received Merit Certificate	National	Inter College Sports Meet	-	18cs126	Rasi L
2019-20	Won 3 Rd Prize	National	Basketball Men's Tournament	-	17cs092	Naresh G
2019-20	Winners	National	Trophy Basket Ball	-	17cs092	Naresh G
2019-20	Won 1 st Place	National	Basket Ball	-	17cs092	Naresh G
2019-20	Won 1 st Place	National	Basket Ball	-	17cs147	Srinivasan N
2019-20	Gold Medal	State Level	Volleyball	-	17ec049	Harinath .S
2019-20	Gold Medal	Zone Level	Athletics	-	18ec112	Sharmila.M
2019-20	Silver Medal	Zone Level	Chess	-	18ec057	D.Leena
2019-20	Gold Medal	National	All India,State,Inter Zone	-	19ec111	Vishal S
2019-20	Gold Medal	National	All India,State,Inter Zone	-	18ec037	Hariharan M
2019-20	Bronze Medal	Zone Level	Basketball	-	17ec084	Malini. P
2019-20	Gold Medal	State Level,Zone	Volleyball	-	16ec154	Thanmathe M
2019-20	Gold Medal	State Level,Zone	Volleyball	-	16ec101	Priyadharshini Kp
2019-20	Gold Medal	Zone ,Divisinol	Athletics	-	18ec002	C/Abinaya

Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
2019-20	Bronze Medal	Zone Level	Basketball	-	17ec014	Baghisree/U
2019-20	Gold Medal	State Level,Zone	Volleyball	-	19ec018	Dhivya Archana K P
2019-20	Gold Medal	State Level,Zone	Volleyball	-	16ec132	Shreenithi S K
2019-20	Gold Medal	All India,State,Inter Zone	Gold Medal	-	19ec101	Surya Prasath J
2019-20	First Place	National	National Level Symposium / JFINAGLES 2020 / Math Maestro	-	36	Revathi.S
2019-20	Second Prize	National	Short Film	-	39	Saravanan S
2019-20	First Prize	National	Anna University Zone Volleyball Tournament for Women	-	18	Sri Anuja A
2019-20	First prize	National	BIT Alumni Trophy	-	18	Saravanan R
2019-20	First Prize	National	SREC Volleyball Trophy	-	18	Saravanan R
2019-20	First Prize	National	Kumaraguru Inter College Sports	-	18	Sri Anuja A
2019-20	Second Prize	National	Fun Event	-	32	Praveen Kumar M , Saravanan S
2019-20	IV Prize	National	Anna University Zonal Handball Match	-	18	Sanjai A
2019-20	Second Prize	National	National Level Symposium / JFINAGLES 2020 / Technical Quiz	-	36	Mekala M , Revathi.S , Sri Sathya Priya E

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

1. The students have become a member in Internal Quality Assurance Cell (IQAC), Students Representative Committee, Class Committee and they contribute for the development of the entire student community.
2. The institution has formed Sri Eshwar Student Leadership Council, the objective is to initiatives for development will be identified, planned and executed by the students to benefit

every students. Students are give leadership roles around 25 presidents and Vice presidents are chosen to taken the verticals of our college.

LIST OF OFFICE BEARERS SELECTED FOR SLC VERTICALS

SI No	Vertical Name	President/Secretary	Vice President
1	Student Ambassador / Boys	SachinPrasanna, III CSE	
2	Student Ambassador / Girls	Poo Maha, III ECE	
3	Fine Arts	Varshini, III ECE	Sabbarish, II Mech
4	SESWA	Arun Mari, III Mech	Purushothaman, III EEE
5	Mentoring	Keerthivasan, II CSE	Keerthana, III CSE
6	Higher Education	Sreeja, III CSE	Bharathikannan , III ECE
7	Amenity Centre	Harish, III Mech	Siva Krithika, III Civil
8	Discipline & Grooming	DenzilRivaldo, III Mech	MoganSundar, III Mech
9	Media & Branding	Praanesh, III EEE	KavinNagarathinam, II CSE
10	Sports	JavidAkthar, III CSE	KarumaiVizhiyal, III CSE
11	Girls Hostel	Dharshini, III EEE	Deepika, III EEE
12	Boys Hostel	Raghul, III ECE	Vignesh H , II Mech
13	EDC	Shankar Dev, III ECE	Gokul Anand, III Civil
14	Tamil Mandram	Sri Anuja, II EEE	M/Raguram, II Mech
15	Technical Clubs	Gowtham Raj, III ECE	Vishaal , II CSE
16	Learning Centre	Sakthi Lavanya, II CSE	Dhivyadharshini, III Civil
17	Department – EEE	Swathika, III EEE	
18	Department – CSE	Meghana, III CSE	
19	Department – ECE	Hashna, III ECE	
20	Department – Mech	Vigneswaran, III Mech	
21	Department – Civil	Pragathi, III Civil	
22	Department / IT	Sridharan, I IT	
23	Department / CCE	Rohan, I CCE	

3. The institution has formed the general clubs in order to provide a platform for students to bring hidden talents/ Programs are conducted to nurture and expose their talents.

Dept	Club Name	Venue	Weekly Plan For All Working Saturdays (Oddsemester)	
			DATE	ACTIVITY PLANNED
CSE	1.Multimedia Club	FF23 (First Floor)	13/7/2019	Introduction to Photoshop and animation/
			10/08/2019	TOOLS
			24/08/2019	Photoshop Typography
			31/08/2019	Photo Manipulation
			14/09/2019	Introduction to Video

Dept	Club Name	Venue	Weekly Plan For All Working Saturdays (Oddsemester)	
CSE				editing Software introduction
			28/09/2019	Video editing hands On premiere pro software
			05/10/2019	Flash Software Introduction Flash Hands On
			12/10/2019	Project Work
	2.Passionate Programmers Club	FF24 (First Floor)	13/7/2019	Introduction to C programming
			10/08/2019	Errors and I/O Statements
			24/08/2019	Conditional Statement In C
			31/08/2019	Operators In C
			14/09/2019	Club Contest
			28/09/2019	Functions In C
			05/10/2019	Pointers In C
			12/10/2019	Structure and Union
	3.Scripting Language Club	SF02 (Second Floor)	13/7/2019	Introduction to scripting Language/ Discussions about projects
			10/08/2019	FRONTEND DESIGNING
			24/08/2019	Databases and Projects and project ideas
			31/08/2019	Database connectivity and games about scripting languages
			14/09/2019	Quiz and project discussion
			28/09/2019	Website development Contest
			05/10/2019	Project Work
			12/10/2019	Project demo
	4.Cloud And Big Data Club	FF25 (First Floor)	13/7/2019	Basic concepts of cloud computing
			10/08/2019	Hadoop
			24/08/2019	Introduction to AWS
			31/08/2019	Introduction to Azure
			14/09/2019	Online Course Enrollment & Technical Quiz
			28/09/2019	Group discussion & Technical Connection
			05/10/2019	Student Seminar and Feed back Session

Dept	Club Name	Venue	Weekly Plan For All Working Saturdays (Oddsemester)	
	5.IOT Club	FF02 (First Floor)	12/10/2019	Project work
			13/7/2019	Brief introduction on internet of things
			10/08/2019	Deep analysis of ARDUINO BOARD
			24/08/2019	Discussion about RASPBERRY PI
			31/08/2019	PART/I / Web API/HTTP
CSE			14/09/2019	PART/II / Web API/XML
			28/09/2019	API Remote API
			05/10/2019	SENSOR'S Basic Knowledge Data Handling and Analytics
			12/10/2019	Project Work
	6.Devops Club	FF26 (First Floor)	13/7/2019	Introduction about Devops and video tutorials
			10/08/2019	Interacting session about devOps& Discussion about the usage of tools
			24/08/2019	Learn devOps Tool through online tutorial(1)
			31/08/2019	Apply one Tool and do a small project(team work)
			14/09/2019	Continuing the project
			28/09/2019	Learn devopsTool(2)
			05/10/2019	Apply practically and Learning the Tools
			12/10/2019	Project work
ECE	1.Robotics Club	Project Lab(First Floor)	13/7/2019	Training Camp on RC Aircraft July/ (3,4,5 & 6)
			10/08/2019	Presentation on Robotics (Competitions, career and opportunities)
			24/08/2019	Basic / PLC / Training
			31/08/2019	Programming in PLC
			14/09/2019	Hands on Training in OMRON / PLC
			28/09/2019	Hands on Training

Dept	Club Name	Venue	Weekly Plan For All Working Saturdays (Oddsemester)	
ECE				with Industrial Robotic Arm
			13/7/2019	Club objective and activity plan dissemination, Embedded software tool hands/on training
	2.Embedded Systemsand Iot Club	Simulation Lab(First Floor)	10/08/2019	Embedded software tool hands/on training
			24/08/2019	Guest Lecture by embedded systems or IOT experts
			31/08/2019	Project idea presentation and discussion by club members
			14/09/2019	Guest Lecture by embedded systems or IOT experts
			28/09/2019	Project idea implementation by club members
			05/10/2019	Project prototype / simulation demonstration
	1. Passionate Programmers Club	Advanced Factory Automation Lab/IV EEE Class Room (Third Floor/08)	10/08/2019	Students registration for clubs
			24/08/2019	Presentation give by the students on new technologies
			31/08/2019	Hands on training on PIC microcontroller interfacing
			14/09/2019	Hands on training on PIC microcontroller interfacing
			28/09/2019	Hands on training on PIC microcontroller interfacing
			10/08/2019	Hands on training on PIC microcontroller interfacing
	2.Factory Automation Club	Advanced Factory Automation Lab/IV EEE Class Room (Third Floor/08)	31/08/2019	Students demonstration – “Demonstration of Transducers and Actuators”
			14/09/2019	Students Presentation on “Virutal Instrumentation / LabView”&“Artificial

Dept	Club Name	Venue	Weekly Plan For All Working Saturdays (Oddsemester)	
EEE				Intelligence in Automation”
			28/09/2019	Demonstration of Industrial Robotics Arm – I Robot will be demonstrated by Student Coordinators
			05/10/2019	Demonstration of Industrial Robotics Arm / II
			12/10/2019	Real time Project Discussions
MECH	1.Product Development Club	Manufacturing Lab (Ground Floor/Mech Block)	10/08/2019	Workshop on Prototyping with 3D printer
			4/1/2020	Guest lecture on Design thinking
			08/02/2020	Seminar on Creative Destruction
			22/20/2020	Hands/on Training on design for quality and assembly
	2.Product Design Club	CAD Lab (Ground Floor/Mech Block)	14/09/2019	A seminar on Product design
			22/2/2020	Hands on training on product design
			08/02/2020	Design contest 1
	3.Robotics Club	Mitsubishi Extension Center	10/08/2019	Workshop on Pick and place Mitsubishi Robot
			14/09/2019	Workshop on PLC Automation
			08/02/2020	PLC Programming for Robots
			22/20/2020	Robot Programming for customized applications
	4.Coders Club	II Mech – B (Third Floor TF 07)	14/09/2019	Guest lecture on Python Programming
			22/2/2020	Hands/on training on Python program
			08/02/2020	Hands on Training of Coding for Game development
			22/20/2020	Applications of Python coding in game development
	1.Design Club	Department CADD Lab (First Floor)	13/07/19	Discussion about designing club
			27/07/19	Introduction about

Dept	Club Name	Venue	Weekly Plan For All Working Saturdays (Oddsemester)	
CIVIL				AutoCAD
			10/08/19	Design programming of AutoCAD
			24/08/19	Uses and applications of AutoCAD
			31/08/19	Introduction about Revit
			14/09/19	Design programming of Revit
			28/09/19	Uses and applications of Revit
			05/10/19	Introduction about STAAD/pro
			12/10/19	Design programming of STAAD/pro
	2.Eco Club	Civil Block	13/07/19	Discussion about various environmental awareness programs and activities/
			27/07/19	WILD LIFE WEEK
			11/08/19	Collection of waste materials inside the college/
			24/08/19	Tree plantation/
			31/08/19	Clearing weeds in campus/
			14/09/19	Awareness on re/cycling and reusing of waste bags and promoting eco/friendly bags within student community/
			28/09/19	Water conservation awareness program will be conducted in the Kinathukadavu region/
			05/10/19	Showing students an Environmental movie/
			12/10/19	Anti/Crackers Campaigning
	3.Modelling Club	CAD Lab (First Floor) Civil Block	13/07/2019	Out sketch of the model
			27/07/2019	Different ways to make model
			10/08/2019	Model from recycled products
			24/08/2019	Making paper models
			31/08/2019	How to make residential building

Dept	Club Name	Venue	Weekly Plan For All Working Saturdays (Oddsemester)	
				models
			14/09/2019	Making residential building model
			28/09/2019	How to make working model
			05/10/2019	Making working model
			12/10/2019	Presenting the models

4. Students are actively involved in IEEE student branch activities/ The IEEE STB new office bearers for Calendar Year 2019:
Our IEEE student branch member Vengatraman (94247957) for the project 'Techno Eye' have been selected for the student project funding-2020

Sl. No	Event Date/s	Event Type Workshop /Seminar/ FDP	Topic of the Event	Resource Persons
1	26 &27 /6/2019	FDP	Hands on training on PIC	Mr.C.Udhaykumar
2	3,4,5&6 /07/2019	Training Camp	Training Camp on RC Aircraft	Mr.E.Venugopal IEEE Counselor
3	26 &27 /08/2019	Workshop	Workshop on Routing and Switching Concepts in Data Communication and Networking	Dr.V.Jayaprakasan, Board of Governor at IEEE Product Safety Engineering Society, Chairman, IEEE Product Safety Engineering Society Madras Chapter
4	12/10/2019	Workshop	Home Automation Workshop	Mr.M.Vivekkumar AP/ECE
5	5/12/2019 to 11/12/2019	Workshop VAC	Value added course on PIC	Mr.E.Venugopal Mr.A.Ramesh Mr.C.Udhaykumar Mr.M.Vivekkumar Mr.V.Mathiazhalagan AP/ECE

Sl. No.	Event Date/s	Event Type Technical Talk/ Guest lecture / DVP Talk/	Topic of the Event	Resource Persons
111	07/09/2019	Technical Talk	IEEE spectrum talk	Mr.Venkatraman N IEEE Student Chair

Sl. No.	Event Dates	Event Type Awareness Pgm/ Competition/ Field Visit/ Quiz/ Discussion Meeting	Topic of the Event	Resource Persons
1	25/07/2019	Competition	Makeathon	Mr.Thirumoorthy Balasubramanian VP/ Product Engineer / Bahwan CyberTek
2	25&26 /07/2019	Competition	Hackathon	Dr.H.Anandhakumar Asso/Prof CSE
3	26/07/2019	Competition	Gameathon	Mr.S.Sampathkumar AP/CSE
4	26/07/2019	Competition	Designathon	Dr.S.Sureshkumar HOD/Mech
5	26/07/2019	Competition	Mega Project Expo	Dr.G.Karuppusamy Dean R&I /SECE
6	22 to 24 /07/2019	Competition	Design Now	Mr.M.Vivekkumar AP/ECE
7	17/08/2019	Awareness Program	IEEE Awareness Program	Mr.E.Venugopal IEEE STB Counselor

5.3 Alumni Engagement

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

Yes

Vision:

To be recognized as a value/adding entity, creating an everlasting bonding between the alumni, students, industry, and Sri Eshwar College of Engineering.

Mission SECE Alumni Association will strive to achieve its vision by:

- Helping students with industry visits & internship opportunities
- Providing technical mentorship for students' projects
- Connecting SECE with companies to strengthen industry collaboration
- Volunteering to conduct lectures/workshops/mock interviews
- Volunteering to be a jury panel member for contents
- Playing the role of Visiting Faculty/Member of Board Studies/IQAC Cell
- Providing scholarship to deserving students of SECE
- Sponsoring infrastructure, prizes, and awards

the SECE Alumni Association was registered in the year 2015. The Association is headed by the president of the Association and supported by the Head of the Institution. It has 7 Executive Committee members in the Association. Yearly once the General body meeting is conducted and if necessary the executive members will be replaced based on the decision taken in the meeting/ Apart from the Executive Committee, it has faculty alumni coordinators department wise and student alumni coordinator class wise and Alumni chapter coordinator. The orientation is being given to the final year

student about the Association every year. The list of office bearers are getting updated every year after selecting the alumni student coordinator after completing the course. Alumni website is established since 2016 and it is working well and updated on daily basis. All alumni records are uploaded and updated by the Alumni whenever any changes in their profile/

The 7th Alumni Meet was held on 18/8/2019 and it was well planned by the college Alumni Association/ Shri.R.Rajaram, Director of the College preside the meeting, Dr.Sudha Mohanram, Principal and office bearers of the SECE Alumni Association were the Guest of Honor.

President of Alumni Association welcome the gathering also shares unique state of the growth of institution and its achievements/ awards in the 2019-20. Thus the alumni association activity report of the 2019-20 submitted by the President. Moreover, he was wishing all alumni to render ideas and supports to strengthen the association.

Report on Association activities during 2018-19

1. Alumni website is updated with database and login credentials. Your profile can be updated, password can be changed, Birth day information can be obtained, chatting can be done, newsletters are available etc.
2. Alumni who come to the college and contributed a lot in the areas of Visiting faculty, Workshop, Academic Advisory Council meeting, Mock Interview, Jury in Innovative project expo, Guest lecture, Board of Studies meeting, Autonomous Inspection etc/, you can see the list of alumni with their name in the newsletter.
3. The juniors were motivated and guided by the members of alumni association/
4. Association helped the members of association in many ways like sharing the job opportunities, placements on regular basis etc.
5. Members of association inspired first year students of 2019-20 batches during the induction program in the month of July, 2019 by sending recorded video message.

Plan of 2019-20

1. The members of association will update their profile with alumni website immediately and it will also be updated periodically whenever there is any change in the members' profile.
2. E-Newsletter is being released once in six months. The members of association will contribute by sending the useful information like new technology, interview tips, your experience etc. Those information can be sent to alumnioffice@sece.ac.in
3. Guest Lectures will be given through webinar mode to our juniors. Those who are interested leave your information with topic, date and time to alumni office. The alumni office will make necessary arrangements.
4. Like last year, support will be given on visiting faculty, mock interview, Jury, Guest Lectures, Project mentors, industry visit for juniors.
5. One association chapter will be established in foreign country.
6. The chapter meeting will be conducted at Chennai, Bangalore, Cochin and Coimbatore.
7. Next alumni meet will be conducted in first Sunday of August,2020

5.3.2 No/ of registered Alumni: 3920

5.3.3 Alumni contribution during the year (in Rupees): Nil

5.3.4 Meetings/activities organized by Alumni Association:

1. Alumni Meet conducted on 18/8/2019

2. Board of Studied conducted on 13/7/2019
3. Hackathon conducted on 26/7/2019
4. First year induction program on 31/7/2019
5. International Conference on 30/8/2019
6. Interaction with startup on 22/1/2020
7. Board of Studies on 22/2/2020
8. Innovative Project Expo/2020 on 29/2/2020
9. Super Singer Contest 2020 on 3/5/2020 to 4/5/2020
10. Placement Mock Interview – 21/12/2019

Alumni's Participated in Various Events(2019-20)

SN	Name of Student	Batch	Date of Event	Name of the Event
1.	Gowtham S	2017	13/07/2019	Board of Studies
2.	Akhil Anand	2012	13/07/2019	BOS Meeting
3.	Anandhakumar.S	2014	26/07/2019	Hackathon
4.	Sreekesh S	2014	26/07/2019	Hackathon
5.	Suhas Parameshwaran	2014	31/07/2019	First Year Induction Program
6.	Balasubramaniam M	2014	31/07/2019	First Year Induction Program
7.	Akhil Anand	2012	31/07/2019	Induction Program (Video Clip)
8.	Subaneshan/S	2016	1/8/2019	Induction Program (Video Clip)
9.	Syed Shadhir Nihal.D.H	2016	1/8/2019	Induction Program (Video Clip)
10.	All Alumni	2012/2019	18/08/2019	Alumni Meet - 2019
11.	Siva Subramaniam	2010	30/08/2019	Conference
12.	Srinath	2016	22/01/2020	Interaction with Startup team
13.	Santhosh	2016	22/01/2020	Interaction with Startup team
14.	Akhil Anand	2012	22/02/2020	BOS Meeting
15.	Vadivel Raju	2017	29/02/2020	Innovative Project Expo - 2020
16.	Sivirish T	2017		
17.	Sudagar.S	2017		
18.	Balaji B S	2015		
19.	Arthi.K	2015		
20.	Anandhakumar S	2012		
21.	Sivaneshwaran	2012		
22.	Suresh Kumar	2018		
23.	Chilambarasan K	2017		
24.	Azaarudeen	2017		
25.	Divya Krishnan	2017		
26.	Rakesh M	2015		
27.	Vasundhara T S	2019		
28.	Manju Dharshini K	2019		
29.	Saravanakumar S	2014		
30.	All Alumni	2012/2019	03/05/2020 to 04/05/2020	Super Singer 2020
31.	Bala Krishnan.C	2013/2017	21/12/19	Placement/Mock Interview

SN	Name of Student	Batch	Date of Event	Name of the Event
32.	Gabriel Sudhin Migael	2013/2017	21/12/19	Placement/Mock Interview
33.	Kishoreganth.R	2013/2017	21/12/19	Placement/Mock Interview
34.	Sakthinathan.R	2013/2017	21/12/19	Placement/Mock Interview
35.	Sudarsan.R	2013/2017	21/12/19	Placement/Mock Interview
36.	Guhan.S	2012/2016	19/06/20	Webinar
37.	Kavya.L	2015/2019	19/06/20	Hello Fm Talk & Alumni video talk
38.	Gowtham.V	2012/2016	19/06/20	Alumni video talk
39.	Mahima R S	2015/2019	19/06/20	Alumni video talk
40.	Javeeth Ahamed.N	2012/2016	19/06/20	Alumni video talk
41.	Chilambarasan.K	2013/2017	21/12/19	Placement/Mock Interview
42.	Azaarudeen.A	2013/2017	21/12/19	Placement/Mock Interview
43.	Karthik.N	2013/2017	21/12/19	Placement/Mock Interview
44.	Ramkumar.P	2013/2017	21/12/19	Placement/Mock Interview
International Chapters established in Canada, Germany, US and Japan during this year				

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)

- 1 HODs are given financial power for Rs 25,000// per semester to meet incidental expenses of the department
- 2 Every department assigned with Exam cell co coordinator for smooth conduct of Internal and External theory and practical examinations

Faculty members are given industrial training based on their subject expertise and curriculum requirements

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

Yes/~~No~~/~~Partial~~:

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):

<p>❖ Curriculum Development</p> <ul style="list-style-type: none">• Curriculum gap identification• Goals and objectives on chosen subjects or area• Educational Strategies on chosen subjects like value added course• Implementation value added course<ul style="list-style-type: none">○ Introduction of curriculum○ Administration of curriculum○ Refinement of curriculum• Evaluation and feedback<ul style="list-style-type: none">○ Individual evaluation○ Program evaluation○ Finding of outcome <p>➤ Departments introduce new electives in emerging areas on a regular basis as per current and projected needs</p> <p>➤ Seminars/Group Discussions/Presentations are highly encouraged</p> <p>➤ Enrichment courses to support regular academic courses</p> <p>➤ Soft skills training programme for final year UG and PG students</p> <p>➤ Cultural education classes to inculcate social, ethical and moral values</p> <p>➤ Individual departments have customized ways of gathering additional feedback (alumni, employers, etc/)</p>

❖ **Teaching and Learning**

The Institution's Teaching, Learning and Assessment strategies are continually reviewed, ideas for improvement identified, and implemented/ Some of these include:

- Implementation of outcome based education
- Academic research
- Guest lecturers
- Field trips and lab lectures
- Mentoring
- Tutorial teaching
- Problem based learning, Pre placement training, Interactive learning, collaborative learning, & Flipped class session
- Encouraging students to do mini projects in the concerned subjects
- Expert lectures/NPTEL lectures to create wide exposure to students
- Conducting Skill Development training programs
- Video lessons, PPT's , E lessons, Lab Experiments on theoretical concepts
- Periodical evaluation of results and counselling the students as well as faculty
- Detailed course plan in line with the prescribed syllabus for every theory course and a separate lab cycle for lab courses ensures smooth conduct of classes.

❖ **Examination and Evaluation**

All the Semester Examinations are conducted under the supervision of the Controller of Examinations. The centralized paper evaluation is undertaken in the office of the Exam Control Division itself and the results are declared after the approval of the concerned result passing committee of the college.

Some of the features include:

- The examination schedule like date of examination for each course, invigilation duty is prepared well in advance and communicated to the students, faculty and other Institution.
- The question paper setting and scrutiny of the question papers will be done by the external faculty members having expertise in the specific domain.
- At the time of examination, 50% of the faculty will be called from the other Institution for invigilation duty
- The end semester papers are evaluated by the external faculty members from various reputed

Institution/ The examination is conducted for 100 marks for each course.

- The Controller of Examination (COE) module is used for examination process through Impres ERP.
- Monitoring the performance of the students by means of Internal Exams, End Semester Exams, and Continuous Evaluation
- We have appointed two to three of our faculty members from each department as an Internal Controller of Examination to regulate our Examination process better.
- Detailed Answer key for valuation is being prepared and provided by internal faculty members
- The evaluation of final year project (for both UG and PG students) is carried out in a transparent fashion with the student progress, marks allotted and any issues being documented in the Project review sheet after each periodic review.
- The Project review sheet is made available to the student immediately after the review so that he/she can go through it and see the marks obtained as well as the comments of the reviewers
- Declaration of Results and conducting supplementary / arrear examination for failed students
- Automation of the Examination Cell to ensure timely declaration of results to keep the Academic calendar on schedule.

❖ **Research and Development**

- R & D is created to identify and nurture the significant Innovative ideas and projects that can be developed and scaled to the next level of operation, so as to get a Patent.
- The Research projects have also acted as the training ground for the young Post/Graduates of our College.
- Student Research Projects are included in the curriculum as partial fulfilment of the PG courses.
- The college Library has subscribed National/International e/journals in various subjects and ICT facility which can be accessed free by all the faculty members to update their knowledge/ Faculty members are motivated by the Deans/HODs and the The objective of the Research and Development Cell varies from the advancement of Theoretical knowledge to

development of New Technology to solve societal problems.

- As R&D is an integral part of our Institute from the academic year 2016/17, the Faculty members and Students are encouraged to present and publish papers in national and International Seminars, Conferences and Journals/ All the Departments are also take different Research Projects from time to time.
- In addition, Consultancy projects are undergoing in the Institution.

Technology Business Incubator Principal to submit research proposals to various funding agencies like AICTE/CSIR/TNSCST/DST etc/ The college has also received seminar grant for organizing seminars/workshops for the benefit of faculty members and research scholars.

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

The Institution had provided all infrastructures which in turn provide a conducive physical ambience for the Faculty and Students in terms of adequate library, research laboratories, ICT, Computing facilities and allied services.

Library

Our central library contains a large volume of books, journals, e-books, and e-journals. The students are provided with a library period in their weekly time table in order to enhance knowledge. Apart from this, the library is kept open from 7.00 AM to 8.00 PM. Staff members and students use the library after their class hour. Every year Central library is added with new books and journals.

The ICT facilities deployed in the library includes the following:

- OPAC (Online Public Access Catalog)
- Electronic Resource Management Package for e/journals
- In/house remote access to e/publications
- Library Automation Software

ICT Infrastructure

LCD projectors, HP, Dell Desktops, HP printers, Internet switches, 20 KVS UPS, 10 KVA UPS, Power Generator (250 KVA), application software and systems software's. Department has individual LCD projector, system with internet connection. Classrooms, Seminar Halls and Conference Rooms are equipped with Computers and Video Projectors.

- Round the clock internet connectivity with 80 Mbps (leased line) speed both for staff and students.
- Wi/Fi connectivity is also provided to the staff members & students.

Sports & Cultural facilities

- Health and fitness classes started for First Semester Students (New)
- Professional trainers were inducted to provide training to the teams participating in major events/ competitions
- Separate Basketball court and Volley court are available
- New Musical instruments for Cultural Forum

<ul style="list-style-type: none"> Upgraded gym facilities
<p>❖ Human Resource Management</p> <ul style="list-style-type: none"> Being an Educational Institution, Faculty is the main Human Resource. The management assesses adequate human power requirement. Induction training is conducted for new faculty members Quality enhancement measures like deputing to Faculty development programmes in subject and capacity building domains etc., Organizing Industrial/Developmental Training Programme and Workshops/Seminars for enhancing the multi/skills of Faculty members. In addition, 1hr training is provided every week to all the faculties on different methods in teaching and learning process. Annual assessment of faculty is done through Faculty Self/Appraisal Proforma (SAP) for Professors, Associate Professors and Assistant Professors. <p>SECE HRM/Policy Hand Book encompasses</p> <ul style="list-style-type: none"> ❖ Payroll ❖ Time and Attendance ❖ Performance record
<p>❖ Industry Interaction / Collaboration</p> <ul style="list-style-type: none"> The Industry Institute Interaction cell is headed by a dedicated Director – IT having 25 years of Industry experience/ Every year Industry Institute Interaction Cell is conducting 2 day Flagship event in the name of `Industry Connect` for the benefit of the student community across the state/ There are about 40 eminent speakers called from various Industries across and they are motivating, encouraging and discussing with the students about emerging technologies, how to be industry ready and expectation of Industry from the employee. Every year Institution is spending a Crore for this event and also the cell is coordinating with the department for having strong relationship with the Industry through signing MOU and conducting various seminars, workshops, Conference, Paper publications, Faculty training and Industrial visits. <p>Industry connect was conducted on 26/7/2019 to 27/7/2019 during the academic year 2019-20 and more than 10000 students were benefited across.</p> <p>Event Theme : Digital Transformation Event Description: 8th Edition of National Summit- Industry Connect on 26th and 27th July, 2019 Power packed 4 Summits Focusing on Circuit Stream, Core Stream, IT Product and Startup with 40 Plus speakers from leading top MNC's. Four Workshops with real time</p>

experience partnered with Autodesk, Salesforce, Live Wire and CADSoft

Event Workshop:

Four workshop

1. Design now (Mech) - Autodesk
2. Learnathon (CSE) - Salesforce
3. Building information modelling (civil) - CADSoft and Autodesk
4. Electronic Design Automation (EEE) - Live Wire

FEST Guest:

Raj Mohan - Put Chutney

Vijay Kapoor - Derby Jeans

Vivek Prakash - Hacker Earth

- Interaction with the Industry is done by conducting Governing Council meeting, Academic Advisory Council meeting with the experts from various industries and suggestions are recorded for enhancing the knowledge of students to meet the industrial standard.
- The Departments and Placement Cell of the college facilitates exposure of Industrial atmosphere to students and subsequent help in placement of young graduating Engineers in Industries across the Country.
- Collaboration with industry is done by implementing Industry Powered Labs (IPL) where the students can use the current technology to enhance the knowledge in their specific domain in terms of projects, etc.

The collaboration is focused on Industrial Training, Curriculum Development, Joint projects, Internship,

- Technical workshops, Faculty development programmes, Industrial visits, working model contests, Career Guidance, Expert lectures etc/ These activities are aimed to bridge the gap between industry and Academia

The collaboration focuses on achieving the following functions:

- To build and maintain excellent rapport with the Top Management of various Organizations and Industries and forge collaborative Industry/Academia alliances
- Initiating Memoranda of Understanding with major companies, research agencies and institutions to fetch funded projects and bring about improvement in infrastructure and teaching methodologies to enhance exposure of students and faculty to industry practices and developments in technology
- Facilitating visits by senior industry leaders for interaction with faculty and students
- Securing sponsorships from industry for technical events like conferences, seminars, symposia, workshops and student contests through strategic relationships
- Seeking the help of companies to spare working products / prototypes for academic demonstration purposes
- Facilitating in-plant training, industry visits, summer and final semester internship for students across all disciplines and campuses
- Soliciting support from highly reputed companies each year for the Corporate Action Plan

with respect to engineering, management and other disciplines
<ul style="list-style-type: none"> • Renewal of MoUs of Virtusa, Infosys, Mitsubishi Electric done and signing of MoU with Aspire Systems done successfully through the IIC.
❖ Admission of Students
<ul style="list-style-type: none"> • The admissions of the students are strictly followed as per rules and regulation based on the Government of Tamil Nadu and AICTE norms. • Admissions are done through regular counselling and management quota. • For management quota students an online entrance test will be conducted ensuring quality students joining the institution • To ensure publicity and transparency in the admission process, a separate Admissions Department exists, and they advertise in local & National dailies, and in our Website

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

The Institution implemented Impres ERP from the year 2011 through the vendor Subhiksham Software Solutions Private Limited, Coimbatore for entire institution operations like planning and Development, Administration, Finance and Accounts, Students admission and support & Examination.

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 – 20	Mr.Y. Suresh Babu	Faculty Enablement Program –Messer Cutting	-	Rs.2000.00
2019 – 20	Mrs.S. Divya	Faculty Enablement Program –Messer Cutting	-	Rs.2000.00
2019 – 20	Mr.F.Justin Dhiraviam	Faculty Enablement Program –Messer Cutting	-	Rs.2000.00
2019 – 20	Mr.S.Vignesh	Assembling and Dismantling of Pumps/Aquasub	-	-
2019 – 20	Mr.K.Sathish	Inaugural Sinumerik CNC Training	-	-
2019-20	Mr.J.Dhanashekar Mr.Deepak S Mr.R.Pradeep	Two days hands on training in Network simulation tools	-	Rs.1200.00
2019-2020	Vaishnavi,	Training	-	Rs.15000.00

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
	Shaju,Shanmugapriya			
2019-20	Mr.B.Hemananth	CSIR Sponsored Two days National Awareness Programme on Implications of Internet of Things (IoT) in Agriculture for Sustainable Rural Development-Challenges and Opportunities	-	Rs. 1500.00
2019-20	Mr.P.Anbarasu	CSIR Sponsored Two days National Awareness Programme on Implications of Internet of Things (IoT) in Agriculture for Sustainable Rural Development-Challenges and Opportunities	-	Rs. 1500.00

6.3.2 Number of professional development / administrative training programmes organized by the Colleges 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	Dates (from/to)	No/ of participants (Teaching staff)	No/ of participants (Non/teaching staff)
2019/2020	Faculty Development Programme on "Problem Solving using C"	-	26/11/2019 to 30/11/2019	50	4
2019-20	FDP on SolidWorks	-	2/12/2019 to 07/12/2019	6	-
2019-20	Teaching a Noble Profession	-	03/08/2019	29	-

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non/teaching staff	Dates (from/to)	No/ of participants (Teaching staff)	No/ of participants (Non/teaching staff)
2019-20	Preparing Quality Research Papers and Proposals	-	08/02/2020	29	-
2019-20	Problem Solving using C	-	26/11/2019 to 27/11/2019	12	0

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

Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
INFYTQ based Foundation Program	1	24/06/2019 to 26/06/2019
Data Engineering with Hadoop and Spark	1	22/08/2019 to 10/11/2019
Introduction to R programming / Spoken tutorial (IIT Bombay FDP)	3	22/04/2020
Big Data Analytics	2	18/05/2020 to 22/05/2020
Cyber Security	1	18/05/2020 to 22/05/2020
Programming in Java (NPTEL/AICTE FDP)	3	1/7/2019 to 31/10/2019
Artificial Intelligence	1	22/05/2020 to 26/05/2020
Machine Learning and Data Analytics Using Python	1	5/5/2020 to 13/05/2020
Design and Analysis of Algorithms	4	22/04/2019 to 26/04/2019
Data Science Using R	1	11/5/2020 to 15/05/2020
Five Day STTP on CS6010 – Social	2	2/12/2019

Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
Network Analysis		to 6/12/2019
Block Chain	1	25/05/2020 to 29/05/2020
Introduction to Data Science	1	18/05/2020 to 22/05/2020
FDP on SQL	12	11/6/2019 To 14/06/2019
Cyber Security Program – Fundamental	1	13/05/2020
Machine Learning and its Applications	1	4/5/2020 to 12/05/2020
LaTeX	1	14/05/2020 to 17/05/2020
Tips for Clearing Patent Examination	1	6/5/2020 to 7/5/2020
ATAL FDP on Artificial Intelligence	1	14/09/2020 to 18/09/2020
IOT/Applications	1	1/6/2020 to 5/6/2020
Improving Your Research Visibility – Research Impact and Metrics	1	11/5/2020 to 13/5/2020
Python 3/4/3	1	15/05/2020
Data Structures	1	25/05/2020 to 29/05/2020
Theory of Computation	1	18/05/2020 to 22/05/2020
AICTE ATAL Faculty Development Program on "Internet of Things"	5	15/04/2020 / 19/04/2020
E/Content Development in Education sector	5	20/04/20 / 24/04/20
Online FDP on Robotics Process Automation	5	04/05/20 / 06/05/20
FDP on Solid works	6	2/12/19 / 07/12/19
FDP on Tribology of Polymeric Composites	1	28/05/20 (1 day)
FDP on Rehabilitation Robots / A Practical Approach	1	25/05/20 (1 day)
FDP on Leadership Enhancement for accelerated Performance	1	07/06/2019 to 08/06/2019
International online Faculty Development program on Frontiers in Chemistry	1	16/09/20 to 18/9/20
Learning, Pedagogy and Effective use of case methodology	1	17/5/2020 to 21/5/2020
International online Faculty development program on “Advancements in Applied Chemistry”	1	06/07/2020 to 08/07/2020
AICTE Sponsored six days online STTP on “Enhancing Research and Development through project based learning to Achieve Outcome based education in Engineering	1	02/11/20 to 07/11/2020

Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
AICTE Sponsored one week online STTP on “Interpersonal skills of best behavioral Teachers”	1	19/10/20 to 24/10/2020
Response Effectiveness, Organising Self, Attitudinal Shift, Decision Making (ROAD) / Indira Gandhi Delhi Technical University for Women/	1	07/09/2020 to 11/09/2020
Photonics/C/V/ Raman Global University	1	28/09/2020 to 02/10/2020
Nanomaterials for Clean energy ,MCET phase I,II	2	02/11/20 to 7/11/2020,16/11/2020 to 21/11/2020
Faculty development program on Dye sensitized solar cell, Kongu college of engineering	1	21/9/20 to 25/9/20
FDP on radiation and environmental radioactivity,CSI college	1	03/06/2020 to 05/06/2020
Faculty development programme on Advancement in materials , Jeppiaar Insitute of Technology,Sriperumbudur	1	5/6/20 to 6/6/20
National online FDP on Recent Trends in Physics, St/ Joseph’s College of Engineering, Chennai	1	31/08/2020 to 02/09/2020
FDP on Student/Centric Instructional Strategies/PSG i/Tech	1	28/06/2019
FDP on Research Activities in Present World/understanding Interdiscipilnary and Internationalapproches	1	01/05/2020
MHRD sponserd FDP on E/larning, IIT Bombay and Kaypeeeyes Arts & Scince college	1	29/04/2020 to 01/05/2020
Online FDP on waste technology	1	02/11/2020 to 06/11/2020
Short Term Course on Haptic Technology for Design of Soft Robots	1	10/06/2019 to 14/06/2019
From Idea to Implementation: Exploring the Potentials of FPGA in Smart Environment	2	17/06/2019 to 22/06/2019
Emerging Networking Technologies and Tools/Research Perspective	2	07/06/2019 to 13/06/2019
Awareness on Entrepreneurship Development Skills	1	16/07/2019 to 18/07/2019
VLSI Chip Design Hands On Using Open Source EDA	4	16/12/2019 to 20/12/2019
Amphisoft technologies, Coimbatore	5	03/01/2020 to 10/01/2020
Internet of Things	1	15/04/2020 to 19/04/2020
Arduino	1	20/04/2020 to 24/04/2020
Examination Reforms	1	22/04/2020 to 25/04/2020
FDP/Quality Article Writing / Tips And Tricks	1	22/04/2020 to 28/04/2020

Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
Recent Trends in Biomedical Engineering / Research Perspectives	1	26/04/2020 to 30/04/2020
Moodle Learning Management System	1	01/05/2020 to 06/05/2020
ICT to ICT	1	01/05/2020 to 01/05/2020
Future Trends in Electronics	1	02/05/2020 to 04/05/2020
Advancement in Electronics	1	05/05/2020 to 09/05/2020
Webinar series on satellite and automation	1	11/05/2020 to 13/05/2020
One Week National Level Online FDP on Innovations to Academicians	1	11/05/2020 to 16/05/2020
Network Simulation and Protocol Analysis Using NS2,NSG/2/1 and Wireshark		23/05/2020 to 25/05/2020
eSim/ open source EDA tool for circuit design, simulation, analysis and PCB design	1	14/05/2020/16/05/2020
Robotics process automatic and its allied ML techniques	1	23/05/2020 to 23/05/2020
FDP	1	27/05/2020 to 01/06/2020
VLSI IC Design Flow	1	28/05/2020 to 30/05/2020
IOT,Robotics and Data science	1	10/07/2020 to 12/07/2020
STTP on optimization techniques im machine learning for wireless and iot applications	1	24/08/2020 to 29/08/2020
Block Chain		27/05/2020 to 31/05/2020
STTP on wireless sensor networks and Applications	1	31/08/2020 to 05/09/2020
LEAP/Leadership Enhancement for Accelerated Performance	29	07/06/2019 to 08/06/2019
Python	2	22/06/2019 to 22/06/2019
Design, Fabrication And Testing Of Antenna And Design Issues In Modern ANTENNAS	1	04/11/2019 to 09/11/2019
Workshop on Artificial Intelligence/ Machine Learning and DeepLearning	1	20/05/2020 to 20/05/2020
Home Automation using Internet of Things Hands/on Training with Tinker CAD Simulation	4	26/05/2020 to 27/05/2020
Intellectual Property Rights	4	16/12/2019 to 16/12/2019
Hands on Training on Network Simulation Tools	3	18/02/2020 to 19/02/2020
Optimization of micro strip antenna using HFSS	1	08/05/2020 to 09/05/2020
Digital Design using Verilog	6	10/06/2019 to 14/06/2019
Advancements in 5G and IOT and Latest Trends in RF and Microwave world"	3	20/08/2019 to 20/08/2019
RDBMS using MYSQL through E/Box	1	05/08/2019 to 10/08/2019
Circuit Analysis and Devices Lab/ through E/box	1	03/01/2020 to 10/01/2020

Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
Train the Trainer	1	03/05/2020 to 10/06/2020
Internet of Things	2	10/04/2020 to 14/04/2020
Solar Technical Workshop	1	12/05/2020 to 14/05/2020
Problem Solving using C	10	26/11/2019 to 28/11/2019

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

Teaching		Non-teaching	
Permanent	Fulltime	Permanent	Fulltime
16	16	8	8

6.3.5 Welfare schemes for

Teaching	<ul style="list-style-type: none"> • Transport facilities • Medical and Maternity Leave • EPF • Group Insurance • Lunch
Non teaching	<ul style="list-style-type: none"> • Transport facilities • Medical and Maternity Leave • EPF • Group Insurance • Lunch
Students	<ul style="list-style-type: none"> • Offering scholarships by the College Management to poor & merit students to encourage them and to reduce their financial burden/ • Students Group personal accidental Insurance • Dispensary in college campus to look after the medical needs/ • Corporation Bank counter every Tuesday for easy bank transactions

6.4 Financial Management and Resource Mobilization

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

Audits are conducted on regular interval. Audit reports are shared with the respective department once audit is over and they raise action taken report for the items need proposed plan for improvement and the ATR should be submitted to IQAC within 3 days. Subsequently the Action taken report will be updated within 20 days for the closure of the action items. The pending action item will be carry forwarded and monitored those items in the next audit. The action implementation will be verified by the concerned person and then the action item will be closed.

Budget committee is responsible for preparing the yearly budget of the institution after consulting with the various departments and getting budget approval from the Management. Once the budget is approved and the approved budget will be shared with the departments and on regular interval the budget committee will audit the department for the effective utilization of the fund allotted. The budget committee will review the utilization report submitted by the various departments at the end of each semester for any deviations and effectiveness. The review points will be discussed in the next meeting at the time budget preparation with the various department coordinators.

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

Name of the non government funding agencies/ individuals	Funds/ Grants received in Rs.	Purpose
Management	2700.00	Student project competition travelling expenses (AAKRUTI 2019)
Management	150000.00	Higher education training
Management	100000.00	HVAC training
Management	50000.00	EFFICYCLE event high level competition
Management	6800.00	Faculty industrial training program for three faculty (Messer cutting systems)
Total	309500.00	

6.4.2 Total corpus fund generated Rs.3828100.00

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	Anna University	Yes	IQAC Team
Administrative	Yes	Anna University	Yes	IQAC Team

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

1. Parent –Teachers feedback form
2. Registration form
3. Handing over the Internal marks performance to parents

6.5.3 Development programmes for support staff (at least three)

1. Surya Mithra Programme,
2. Energy Audit Training
3. SQL, Cloud and Big Data

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

1. Faculty Internship with Industry

The recruited faculty members generally possess good academic qualification, but not industry background. To provide the students as deployable engineers, it is imperative that the faculty members understand the expectations and requirements of the industry. Without working on the field in the industry, it may not be possible for the faculty to equip themselves on this. Hence, as an institution, we have implemented the initiative of “Faculty Summer Internship” to facilitate faculty empowerment.

Total No. of faculty trained by Industry - 32

2. Student achievement

The students are getting placed with high salary package in an industry. This shows that the students are performing well and knowledge level is also increased. Basically industry is ready to pay high salary for the deserved students and industry is also visiting the institution with various salary bands during the placement period.

The highest salary package offered by Informatica – 13LPA

3. Pedagogy

The pedagogy session is integrated in the time table itself for all faculty members and 50% of the faculty will attend the session on every Tuesday and other 50% of the faculty will attend on Thursday. The session will be held for maximum one hour and senior professors will handle the session. The complete plan of the semester will be done at the beginning and executed the session in a proper manner. The faculty members are getting benefitted through this session as various new methods, tools, software, assessment is being taught with respect to teaching and learning process.

Total No. of faculty benefitted through Pedagogy : 131

6.5.5

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

6.5.6 Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from - To ---)	Number of Participants
2019-20	Department level meeting had been conducted for maintaining quality documents	29/7/2019,26/8/2019,30/9/2019,29/10/2019,25/11/2019	5 days	131
2019-20	Audit-I	10/8/2019	1day	131
	Audit-II	18/9/2019	1day	131
	Audit-III	17/10/2019	1day	131
	Final Audit-I	12/2/2020	1day	131

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/to)	Participants	
		Female	Male
Women Entrepreneurship Development Programme (WEDP) Sponsored by DST NIMAT, EDII Ahmedabad	11/10/19 – 15/11/19	25	-
Win Mech – In association with CUIC-Anna University and Renault Nissan	09/09/2019	1361	-
Women Safety APP - Awareness Programme	13/10/2019	100	-

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

Percentage of power requirement of the College met by the renewable energy sources

Percentage of power requirement of the College met by the renewable energy sources

- 1) 40 % Power Requirement met Solar On/grid System/ 140 KW Solar Power Plant Has been Installed
- 2) College hostel hot water requirement for bathing has been met fully by Solar water Heater
- 3) A sewage Treatment Plant Has been Installed at College Campus , the treated water is been used for watering the lawn
- 4) Street light in college campus have been powered through Solar
- 5) Lighting at Parking lot has been also powered through Solar Power

Separate segregation of plastic and paper waste have been practiced in the Institution

Energy Conservation

- All the class rooms are very well ventilated with sufficient lighting, which helps in avoiding the use of fans and lights most of the times
- All the lights and fans are identified with respect to their switches/ Students/Faculty are advised to switch off Lights and Fans when not required
- Awareness programs are conducted for both faculty and students on the need for energy conservation
- Time Table for Heavy Engineering Labs / Auditoriums are staggered
- Energy Audits are conducted to monitor and streamline electric power consumption
- CFL bulbs are being replaced with LED bulbs to save electricity
- Electronic chokes are used in tube lights to reduce electricity consumption
- Star rated electrical equipment such as air conditioners and water heaters are used to save on electricity consumption
- All buses have been fitted with speed governors to maintain optimum speed and to save fuel
- Water Level Indicators have been installed to automatically switch on/off the motor to save electricity and also to avoid over flowing of water from the tanks

Use of renewable energy

- Solar Water Heaters are used in the Hostels and Canteen
- Bio-Gas Plant provides required gas for cooking food in the Hostels and Amenity Centre
- The institution has installed a wind mill in the campus to generate electricity
- Awareness programmes are conducted on the need to use renewable energy as much as possible

7.1.3 Differently abled (Divyangjan) friendliness

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

7.1.4 Inclusion and Situatedness

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

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
2019/2020	-	01	16 th July 2019	Problem Identifying in Village	Social Activity	205
	-	01	15 th August 2019	Independence Day Celebration	Social Activity	100
	-	01	15 th August 2019	Stationary Items provided to the School Students	Social Activity	55
	-	01	15 th August 2019	Gram Sabha meeting	Social Activity	20
	-	01	23 rd September 2019	Eradication of Plastic	Social Activity	105

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
2019/2020	-	01	2 nd October 2019	Rally – Clean India	To Create Awareness	78
	-	01	26 th January 2020	Republic Day Celebration	Social Activity	97
	-	01	26 th January 2020	Cakes for School Students	Social Activity	55
	-	01	26 th January 2020	Gram Sabha meeting	Social Activity	20

7.1.5 Human Values and Professional Ethics

Code of conduct (handbooks) for various stakeholders		
Title	Date of Publication	Follow up (maximum 100 words each)
Academic Calendar 2019 - 20 for all students	01/06/2019	We will be providing 2 Academic Calendars per year for Odd and Even semesters respectively in which the schedule regarding the institutional activities, regular classes, holidays, department meetings, parents meeting, internal assessment and the end semester dates are given in a consolidated manner. This gives a clear picture of the all the events that will be carried out during the whole academic year.
Handbook	01/06/2019	Handbook is issued to newly joining students at the time of admission.

7.1.6 Activities conducted for promotion of universal Values and Ethics

Activity	Duration (from....to...)	Number of participants
Celebration of Independence Day	15/08/2019	100,NSS, Teachers, Non Teaching Staff and Students
Celebration of Teacher's Day	05/09/2019	100,NSS,Teachers and Non Teaching Staff
Celebration of Republic Day	26/01/2020	100,NSS, Teachers, Non Teaching Staff and Students

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

- Energy conservation
- Use of renewable energy
- Water harvesting
- Efforts for Carbon neutrality
- Plantation
- Hazardous waste management
- E-waste management

Energy Conservation

- All the class rooms are very well ventilated with sufficient lighting, which helps in avoiding the use of fans and lights most of the times
- All the lights and fans are identified with respect to their switches/ Students/Faculty are advised to switch off lights and fans when not required
- Awareness programmes are conducted for both faculty and students on the need for energy conservation
- Time Table for Heavy Engineering Labs / Auditoriums are staggered
- Energy Audits are conducted to monitor and streamline electric power consumption
- CFL bulbs are being replaced with LED bulbs to save electricity
- Electronic chokes are used in tube lights to reduce electricity consumption
- Star rated electrical equipment such as air conditioners and water heaters are used to save electricity consumption
- All buses have been fitted with speed governors to maintain optimum speed and to save fuel
- Water Level Indicators have been installed to automatically switch on/off the motor to save electricity and also to avoid over flowing of water from the tanks

Use of renewable energy

- Solar Water Heaters are used in the Hostels and Canteen
- Bio/Gas Plant provides required gas for cooking food in the Hostels and Amenity Centre
- SECE is in the process of installing wind mill in its campus – the feasibility study for the same has been completed
- Awareness programmes are conducted on the need to use renewable energy as much as possible

Water Harvesting

- Effective rain water harvesting systems have been established across the campus at 9 points, each with 60 feet depth
- Spring Loaded Press Type Water Taps have been installed in hostel to avoid potential leakage of water
- Waste water treatment plant is in place and the treated water is recycled and used in drip irrigation

Efforts for Carbon Neutrality

- Solar Water Heaters are used in the hostels and canteen
- Solar Lamps have been installed on the roads inside the campus

- Emission Checks are done periodically on the college buses to keep emission levels under control

Plantation

- About 800 trees and 6000 shrubs have been planted
- Hundreds of coconut trees within the campus provide adequate green cover
- Campus is neatly covered with lush green landscape

Hazardous Waste Management

- It is ensured that chemical waste released from the laboratory classes is disposed through the process of neutralisation
 - Bio degradable and Non-degradable wastes are separated and disposed
 - Food Wastages are disposed in a timely manner, so that they do not cause any hazard
- Awareness programmes are organized to educate the students, faculty members and public on effective ways of handling hazardous waste

E-Waste Management

- The institution is planning to implement an appropriate e/waste management system for collecting and disposing e/waste safely
- ICT equipment such as computers and printers are disposed through vendors

Batteries in UPS, Cars and Buses are exchanged with suppliers for new ones when they become irreparable

7.2 Best Practices

Describe at least two institutional best practices

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

Best Practices – 1

Students Leadership Council

- 1. Title of the Practice** – The Student Leadership Council is to identify, develop and nurture leadership qualities among students

2. Goal:

- To enhance the leadership skills of students.
- To bring openness among the students to lead in their field of interest.
- To build a strong and firm council of student community.
- To stimulate decision making skills of students.

Roles of SLC Members:

- Every SLC member actively takes part in the council meeting.
- Must be responsible over their duties.
- Lead and guide simultaneously.
- Groom their peers to develop their skill sets.
- Take initiative to organize and conduct events related to their verticals.
- Being a brand ambassador of chosen vertical.
- A bridge between students and management.

3. The Context

- There exists a gap between the students “leadership skill” expectations. The involvement of students in day-to-day activities of organizing, managing the events in different verticals is ensured.
- Our Institution motto is leadership and excellence. As per the feedback of the HRs of the

recruiting companies, more than 80% to 85% of the graduates are lacking in leadership quality that is to manage various activities in an Industry. To prepare students for leadership roles during their employment, various initiatives are expected by SLC (Student Leadership Council)

4. The Practice

- Students leadership council is approved
- The nominations are opened in the first week of commencement of the academic year.
- Further after nomination date is over, the student candidate will make presentation on the vertical of their selection to the Heads of the department and Senior Professors.
- The short listed student candidate will go with final round before the Principal, Directors and Dean.
- After the selection of the deserved candidate, one inauguration ceremony will be conducted where all the selected leaders will take an oath and will start to work from that day.

The List of SLC members during the year 2019-20

Sl No.	Vertical Name	President/Secretary	Vice President
1	Student Ambassador - Boys	SachinPrasanna, III CSE	
2	Student Ambassador - Girls	Poo Maha, III ECE	
3	Fine Arts	Varshini, III ECE	Sabbarish, II Mech
4	SESWA	Arun Mari, III Mech	Purushothaman, III EEE
5	Mentoring	Keerthivasan, II CSE	Keerthana, III CSE
6	Higher Education	Sreeja, III CSE	Bharathikannan , III ECE
7	Amenity Centre	Harish, III Mech	Siva Krithika, III Civil
8	Discipline & Grooming	DenzilRivaldo, III Mech	MoganSundar, III Mech
9	Media & Branding	Praanesh, III EEE	KavinNagarathinam, II CSE
10	Sports	JavidAkthar, III CSE	KarumaiVizhiyal, III CSE
11	Girls Hostel	Dharshini, III EEE	Deepika, III EEE
12	Boys Hostel	Raghul, III ECE	Vignesh H , II Mech
13	EDC	Shankar Dev, III ECE	Gokul Anand, III Civil
21	Tamil Mandram	Sri Anuja, II EEE	M.Raguram, II Mech
22	Technical Clubs	Gowtham Raj, III ECE	Vishaal , II CSE
26	Learning Centre	Sakthi Lavanya, II CSE	Dhivyadharshini, III Civil
14	Department – EEE	Swathika, III EEE	
15	Department – CSE	Meghana, III CSE	
16	Department – ECE	Hashna, III ECE	
17	Department – Mech	Vigneswaran, III Mech	
18	Department – Civil	Pragathi, III Civil	
19	Department - IT	Sridharan, I IT	
20	Department - CCE	Rohan, I CCE	

- Every year the members will be changed and the equal opportunity will be given to other students.

5. Evidence of Success

- In each class, more than 75% of the students are actively involved in the above mentioned activities. The SLC members are sole responsible for their verticals, right from planning to execution. Activities are conducted through SLC and students are actively participating and it is successfully going on.
- Events like Media.com, Engal santhai, Tamilmandram, wall of helpconducted through SLC “Motivational to new joiners”. Alumni Singing competition, Alumni Scavenger Hunt, Alumni Meet 2020, Independence day celebration, Republic day celebration, students webinar,

entertainment activity to students etc.

6. Problems Encountered and Resources Required

- Non participation by a small section of the students.
- Willing and capable mentors are needed which is adequately available at Sri Eshwar College of Engineering.

7. Notes – Nil

Best Practice – 2

Technical Club Activity

1. Title of the Practice – Technical Club to enhance student's technical knowledge and groom them as performers at various levels of their student life.

- To provide a platform where the brilliant ideas of students could be nurtured and prepare students in such a way that they can face any hurdles in the way of learning and can deal with the ever changing or dynamic technology. This will embark a new journey for the institute and provide the students with best possible opportunities that can be accumulated and bestow creative minds to work on innovative ideas.

2. Goal

- To enhance the students practical knowledge horizon by organizing the workshops, seminars and competitions on various technical level within the college.
- Provide a beneficial platform to the students to express their ideas freely and meaningful guidance in their field of interest.
- This club constitutes handful of students but represents the wishes of all the students and duty to steer the college towards a brighter and glorious future, all set to make a change that's innovative.

3. The Context

- There exists a gap between the Institution and Industry expectations. The involvement of students to prepare themselves technically is crucial and active participation need to ensured.

4. The Practice

- There are 15 Clubs that are active and each club will have a Student Secretary, Joint secretary and Executive members that are chosen by students.
- There is a Technical Club President nominated by the student representing all the Clubs available, also there is Overall Technical Club Staff Coordinator along with faculty coordinators for their respective clubs.
- The Clubs are exclusively student driven and they plan and execute their activities every working Saturdays in consultation with the faculty in charge.
- Students are allowed to join any clubs of their choice according to their area of interest.
- Students initiates programs like seminar, guest lectures and Technical Symposium besides mind blogging events like quiz,puzzles,content delivery, knowledge sharing etc
- Students are open to learn new technologies to promote their contribution towards great project creating remarkable appreciation nationwide.

- Students of respective clubs have immense dedication and devotion towards work, and toil very hard with a never say die spirit to achieve a singular goal of excellence in the field of technology within suppressible zeal.

5. Evidence of Success

- In each class, as students belong to different Clubs, respective secretary plans and allots work to his members of the club to execute as planned in the respective week and report for the same is handed over to the President and regular monitoring for smooth conduction of the event is taken care of.
- Being initiators and by exposure during their club hours which help students develop skills to organize flagship event which takes the college to different level altogether .
- Photographs and Videos are taken to motivate the students and to appreciate their talents.
- As students get better exposure to technically work on ideas that help them become tech savvy which in turn reflect in their placements to get through Technical rounds.
- The Placement Cell has given a high rating of performance of students in Campus / Off Campus interviews as they are given opportunity to learn think and innovate ideas during their Technical Club hours.

6. Problems Encountered and Resources Required

- Non active participation by a small section of the students.
- Constant motivation is given by President and Coordinators to see that all get chance to exhibit their talents.

7. Notes – Nil

<https://sece.ac.in/wp-content/uploads/2021/06/Best-Practices-2019-20.pdf>

7.3 Institutional Distinctiveness

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

In our institution we have established National service scheme and Unnat Bharat Abhiyan as a part of social responsibility to serve the Nation.

NATIONAL SERVICE SCHEME

National service scheme (NSS) was established on 24/09/1969. The NSS Anna University & Sri Eshwar College of Engineering started functioning from 23/01/2018

Right now there is 1 unit in our college. It consists of 150 volunteers actively participating and contributing to social services under the guidance of one Programme officer

OBJECTIVES

- ❖ To develop personality of students through community service
- ❖ Community activities include:
Cleanliness, Awareness generation, Literacy, Disease Eradication, Environment Protection, Blood donation, Monument Cleanliness, Water conservation, Disaster mitigation, etc/

The following NSS Programs were conducted in the academic year 2019/2020:

1. The activity of identifying the Problems in Village at Vadasithur on 16th July 2019
2. Independence Day Celebration on 15th August 2019
3. Stationary Items provided to the School Students at Vadasithur on 15th August 2019

4. Gram Sabha Meeting at Vadasithur on 15th August 2019
5. Activity for Eradicating Plastics at Vadasithur on 23rd September 2019
6. An awareness activity of Rally – Clean India on 2nd October 2019
7. Republic Day Celebration on 26th January 2020
8. Distribution of Cakes to School Students at Vadasithur on 26th January 2020
9. Gram Sabha Meeting at Vadasithur on 26th January 2020

UNNAT BHARAT ABHIYAN
UBA Report on 15th August 2019

Unnat Bharat Abhiyan a mega program has been initiated by **MHRD**. In that programme **Sri Eshwar College of Engineering, Coimbatore** is one of the participating institute. All **Department** has conducted an **activity of distributing various Items to the School Students at Vadasithur, Coimbatore** under Unnat Bharat Abhiyan, on **15th August , 2019**. Then the government conducted the **Gramsabha** in that village for that **Heads of the Department and the department Programme Coordinator** has participated to sort out the issues in that village.

These are the following issues discussed and identified in Gramsabha:

Plastic need to ban in the village

Water Conservation plant need to be improved to reduce Scarcity

Mosquito Abolition Awareness programme need to initiate at Vadasithur Village

Waste collecting Vehicle need to be repaired at Vadasithur Village

Need of Smart Class Rooms at Vadasithur Government Higher Secondary School

Work will be initiated on priority basis in village action plan/ Field task has been given to field coordinator for the benefit of the public.

UBA Report on 26th January 2020

Unnat Bharat Abhiyan a mega program has been initiated by **MHRD**. In that programme **Sri Eshwar College of Engineering, Coimbatore** is one of the participating institute. All **Department** has conducted an **activity of distributing various utems to the School Students at Vadasithur, and other adopted villages at Coimbatore** under Unnat Bharat Abhiyan, on **26th January , 2020**. Then the government conducted the **Gramsabha** in that village for that **Heads of the Department and the Department Programme Coordinator** has participated to sort out the issues in that village.

These are the following issues discussed and identified in Gramsabha:

Mosquito Abolition Awareness programme need to initiate at Vadasithur Village

Waste collecting Vehicle need to be repaired at Vadasithur Village

Bore Well motor need to be refurbished at Vadasithur Government Higher Secondary School

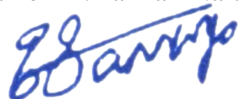
Work will be initiated on priority basis in village action plan/ Field task has been given to field coordinator for the benefit of the public.

<https://sece.ac.in/wp-content/uploads/2021/06/Institutional-Distinctiveness-2019-20.pdf>

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

1. To sign more MOU with industries to get Industry Sponsored Projects and Internship, Training of Students
2. To start consultancy work by all the departments
3. Establishment of Next generation Laboratory on Technologies including Artificial Intelligence, Machine Learning, Data Science, Robotics Automation, IoT, Blockchain and Cloud Technology.
4. To increase the intake of the students
5. To start new programmes viz. B.Tech Artificial Intelligence & Data Science and B.Tech Computer Science & Business Systems
6. To strengthen the Research and Development Cell by increasing the number of publications and patent filing and receiving funded projects and forming Research Advisory board
7. To strengthen the International Relations by forming the International Advisory Board and signing MoU with foreign Universities

Name Mr.Kannan Narasimhan



Signature of the Coordinator, IQAC

Name Dr.Sudha Mohanram



Signature of the Chairperson, IQAC

ACADEMIC CALENDAR FOR BE ODD SEMESTER (I Year) OF THE YEAR 2019 - 2020

DAY	DATE	AUGUST	DATE	SEPTEMBER	DATE	OCTOBER	DATE	NOVEMBER	DATE	DECEMBER	DATE	JANUARY 2020
SUN			1	Sunday					1	Sunday		
MON			2	Vinayagar Chaturthi Holiday					2			
TUE			3	I CCM - CSE, ECE	1	Prize Distribution for CIA-I			3			
WED			4	I CCM - EEE, CCE, Mech, IT	2	Gandhi Jayanthi Holiday			4		1	New Year Holiday
THU	1	First Year Inauguration (ECE, MECH, CCE)	5	Teachers Day	3	Presentation Day 1			5	Prize Distribution For CIA-III	2	Holiday
FRI	2		6	Sub. of I CCM Minutes to Principal	4	Presentation Day 2	1		6	Last Working Day	3	Reopening of Second Semester Classes
SAT	3	First Saturday Holiday	7	Class Rep Meeting – I with Principal	5	Holiday	2	Prize Distribution for CIA-II	7	Practical Exams	4	
SUN	4	Sunday	8	Sunday	6	Sunday	3	Sunday	8	Sunday	5	Sunday
MON	5		9	Holiday	7	Ayutha Pooja Holiday	4	FB-II - CSE, ECE	9	Practical Exams	6	
TUE	6		10	Muharram Holiday	8	Vijaya Dasami Holiday	5	FB-II - EEE, CCE, Mech, IT	10	Practical Exams	7	
WED	7	HODs Meeting	11	Onam Holiday	9	HODs Meeting	6	HODs Meeting	11	Practical Exams	8	
THU	8		12	FB-I - CSE, ECE	10		7	Presentation Day 3	12		9	
FRI	9		13	FB-I-EEE, CCE, Mech, IT	11	Class Rep Meeting - II with Principal	8	Presentation Day 4	13	HODs Meeting	10	
SAT	10		14	HODs Meeting	12		9		14		11	
SUN	11	Sunday	15	Sunday / Engineers Day	13	Sunday	10	Miladi Nabi Holiday	15	Sunday	12	Sunday
MON	12	Bakrid Holiday	16		14		11	Sub. of II CCM Minutes to Principal	16	Commencement of Semester End Exam	13	Holiday
TUE	13		17		15		12		17		14	Bogi Holiday
WED	14		18		16		13	Budget Meeting	18		15	Pongal Holiday
THU	15	Independence Day Holiday & SESWA Activities	19		17		14		19		16	Thiruvalluvar Day Holiday
FRI	16		20		18		15		20		17	Uzhavar Thirunai Holiday
SAT	17		21	Third Saturday Holiday	19	SPARK - 2019	16	Third Saturday Holiday	21	Third Saturday Holiday	18	Third Saturday Holiday
SUN	18	Seventh Alumni Meet	22	Sunday	20	Sunday	17	Sunday	22	Sunday	19	Sunday
MON	19		23		21		18		23		20	
TUE	20		24		22		19		24		21	
WED	21		25		23		20		25	Christmas Holiday	22	
THU	22		26		24		21		26		23	
FRI	23	Krishna Jayanthi Holiday	27		25		22		27		24	
SAT	24	Holiday	28		26	Holiday	23		28	End of Semester Exams	25	
SUN	25	Sunday	29	Sunday	27	Deepavali Holiday	24	Sunday	29	Sunday	26	Republic Day Holiday
MON	26	Dept. Monthly Meet-II	30	Dept. Monthly Meet-III	28	Holiday	25		30	Holiday	27	
TUE	27				29	Dept. Monthly Meet-IV / II CCM-CSE, ECE	26	Dept. Monthly Meet - V	31	Holiday	28	
WED	28				30	IQAC Audit-IV / II CCM-EEE, CCE, Mech, IT	27				29	
THU	29				31		28				30	
FRI	30						29				31	
SAT	31						30	Last Instruction Day				

Note : ● First and Third Saturday will be a Holiday. However if it is a working day it will be compensated. ● CCM - Class Committee Meeting ● FB - Feed Back ● CIA - Continuous Internal Assessment Test



Principal

Sri Eshwar College of Engineering (Autonomous), Coimbatore 641 202
Academic Calendar 2019-2020-ODD Semester –For II/III and IV Yr UG Program-Ver 3.0

Release Date: 19.08.2019

Day	June-2019		July-2019		August-2019		September-2019		October-2019		November-2019	
Sun							1					
Mon			1	Reopening of III and IV Yr UG Classes			2	Vinayagar Chathurthi Holiday				
Tue			2				3		1	Sub.of Mini and Main Project Review Report-III		
Wed			3				4		2	Gandhi Jayanthi Holiday		
Thu			4		1		5	Teachers Day	3	Sub.of Monthly Meeting-III Minutes		
Fri			5	Submission of Internal Test Question Papers to Exam cell	2	Sub.of Monthly Meeting-I Minutes Class Rep Meeting-I with Principal	6	Mini Project Review-II	4	Sub.of CCM-II Minutes to Principal	1	Sub.of Monthly Meeting-IV Minutes
Sat	1	First Sat Holiday	6	First Sat Holiday	3	First Sat Holiday	7		5	Holiday	2	
Sun	2		7		4		8		6		3	
Mon	3		8		5		9	Holiday	7	Ayutha Pooja Holiday	4	Commencement of Semester End Exam
Tue	4		9		6		10	Muharram Holiday	8	Vijaya dasami Holiday	5	
Wed	5	Ramzan Holiday	10	HODs Meeting	7	HODs Meeting	11	Onam Holiday	9	HODs Meeting	6	HODs Meeting
Thu	6		11	IQAC Audit-I	8		12	HODs Meeting	10		7	
Fri	7		12	Association Inauguration	9		13	Sub.of Mini and Main Project Review Report-II	11	IV Yr Phase-I Proj-III Revi Mini Project Review-IV	8	
Sat	8		13	BOS Meeting	10	Mini Project Review-I	14	II yr Parents Meeting	12	III Yr Parents Meeting	9	
Sun	9		14		11		15	Sunday/Engineers Day	13		10	Miladi Nabi Holiday
Mon	10		15	New Faculty Assessment by HoD & Report submission	12	Bakrid Holiday	16		14	Sub.of Mini and Main Project Review Report-IV	11	
Tue	11		16	I-CCM-IV Yrs	13		17		15		12	
Wed	12		17	I-CCM-III Yrs	14		18		16		13	Budget Meeting
Thu	13		18	I-CCM-II Yrs	15	Independence Day Holiday And SESWA Activities	19	II-CCM-IV Yrs	17		14	
Fri	14		19		16	Sub.of Mini nad Main Project Review Report-I	20	Class Rep Meeting-II with Principal	18	Prize Distribution for Int-III	15	
Sat	15	Third Sat Holiday	20	Academic Council Meeting	17		21	Third Sat Holiday	19	SPARK-2019	16	
Sun	16		21		18	Alumni Meet	22		20		17	
Mon	17	New Faculty Orientation Prog	22	FB-I-IV Yrs	19		23	II-CCM-III Yrs	21		18	
Tue	18	New Faculty Orientation Prog	23	FB-I-III Yrs	20		24	II CCM-II Yrs	22	Last Working Day	19	
Wed	19	Budget Meeting	24	FB-I-II Yrs	21		25	FB-II-IV Yrs	23	Practical Exam	20	
Thu	20	Sub.of Lesson Plan and Course file for verification	25	Sub.of CCM-I Minutes to Principal-IC-2019-Pre Event	22	Prize Distribution –Int-I	26	FB-II-III Yrs	24	Practical Exam	21	
Fri	21		26	Industry Connect-2019	23	Krishna Jayanthi Holiday	27	FB-II-II Yrs	25	Practical Exam	22	
Sat	22	Governing Council Meeting	27	Industry Connect-2019	24	Holiday	28	IV Yr Phase-I Proj-II Review Mini Project Review-III	26	Holiday	23	
Sun	23		28		25		29		27	Deepavali	24	
Mon	24	Reopening of II Yr UG Classes	29	Department Monthly Meet-I	26	Dept. Monthly Meet-II	30	Dept. Monthly Meet-III IQAC Audit-III, Prize Distri-Int II	28	Holiday	25	Dept. Monthly Meet-V
Tue	25		30	IV Yr Phase-I Project-Zeroth Review	27	IQAC Audit-II			29	Dept. Monthly Meet-IV	26	
Wed	26		31		28				30	IQAC Audit-IV	27	IQAC Audit-V
Thu	27				29	Sub.of Monthly Meeting-II Minutes			31		28	
Fri	28				30						29	Sub.of Monthly Meeting-V-Minutes
Sat	29				31	IV Yr Phase-I Project- I Review					30	
Sun	30											

Note: 1.First and Third Saturday will be a Holiday. However if it is a working day it will be compensated.

2.AC-Academic Council, GC-Governing Council, CCM-Class Committee Meeting, FB-Feedback, IQAC-Internal Quality Assurance Cell

Prepared by: Dr.W.Rajan Babu, As.P/EEE

Dean Academics



Principal

Sri Eshwar College of Engineering (Autonomous), Coimbatore 641 202
Calendar of Academic Activities: 2019-2020 – PG-I Year Ver 1.0

Date of Release: 01.08.2019

Day	July-2019		August-2019		September-2019		October-2019		November-2019		December-2019	
Sun					1						1	
Mon	1				2	Vinayagar Chathurthi Holiday					2	Model Exam
Tue	2				3		1	Prize Distribution for CIA-I			3	
Wed	3				4	First Class Committee Meeting	2	Gandhi Jayanthi Holiday			4	
Thu	4		1		5	Teachers Day	3				5	
Fri	5		2		6	Class Rep Meeting –I with Principal	4	Presentation Day 1	1		6	Last Working Day
Sat	6	First Sat Holiday	3	First Sat Holiday	7	Sub. of I CCM Minutes to Principal	5	Holiday	2	Prize Distribution for CIA-II	7	Practical Exams
Sun	7		4		8		6		3		8	
Mon	8		5	PG I year Induction Program	9	Holiday	7	Ayutha Pooja Holiday	4		9	Practical Exams
Tue	9		6		10	Muharram Holiday	8	Vijaya dasami Holiday	5		10	Practical Exams
Wed	10		7		11	Onam Holiday	9		6		11	Practical Exams
Thu	11		8		12		10		7	Feedback-II	12	Study Holiday
Fri	12		9		13		11	Class Rep Meeting –II with Principal	8		13	Study Holiday
Sat	13		10		14	Feedback-I	12		9	Presentation Day 2	14	Study Holiday
Sun	14		11		15	Sunday/Engineers Day	13		10	Miladi Nabi Holiday	15	
Mon	15		12	Bakrid Holiday	16		14		11	Sub. of II CCM Minutes to Principal	16	Commencement of Semester End Exam
Tue	16		13		17		15		12		17	
Wed	17		14		18		16		13		18	
Thu	18		15	Independence Day Holiday And SESWA Activities	19		17		14		19	
Fri	19		16		20		18		15		20	
Sat	20		17		21	Third Sat Holiday	19	SPARK-2019	16	Third Sat Holiday	21	Third Sat Holiday
Sun	21		18	Alumni Meet	22		20		17		22	
Mon	22		19		23	CIA-I	21	CIA-II	18		23	
Tue	23		20		24		22		19		24	
Wed	24		21		25		23		20		25	Christmas Holiday
Thu	25		22		26		24		21		26	
Fri	26	Industry Connect-2019	23	Krishna Jayanthi Holiday	27		25		22		27	
Sat	27	Industry Connect-2019	24	Holiday	28		26	Holiday	23		28	
Sun	28		25		29		27	Deepavali	24		29	
Mon	29		26		30		28	Holiday	25		30	
Tue	30		27				29		26		31	
Wed	31		28				30	Second Class Committee Meeting	27			
Thu			29				31		28			
Fri			30						29			
Sat			31						30	Last Instruction Day		

Note: 1) First and Third Saturday will be a holiday for the Institution. However, if it is a working day, it will be compensated.

Prepared by: Dr.W.Rajan Babu, AsP/EEE

Dean Academics



Principal

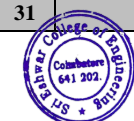
Sri Eshwar College of Engineering (Autonomous), Coimbatore 641 202
Academic Calendar 2019-2020-EVEN Semester –For I Yr UG Program-Ver 1.0

Release Date: 07.01.2020

Day	December 2019		January 2020		February 2020		March 2020		April 2020		May 2020	
Sun	1	Sunday					1	Sunday				
Mon	2						2					
Tue	3						3					
Wed	4		1	New Year Holiday			4		1	CIA II		
Thu	5		2	Holiday			5	Award Function for CIA-I	2			
Fri	6		3				6	International Conference	3		1	May Day Holiday
Sat	7		4		1	First Sat Holiday	7	International Conference	4		2	First Saturday Holiday
Sun	8	Sunday	5	Sunday	2	Sunday	8	Sunday	5		3	Sunday
Mon	9		6		3	Sub.of CIA QP's to COE	9		6		4	
Tue	10		7	Reopening of I Year Classes	4	I CCM-ECE,EEE,CCE	10	Presentation Day 1	7		5	
Wed	11		8	Induction of Students Leadership Council	5	I CCM-CSE	11	Presentation Day 2	8		6	
Thu	12		9		6	I CCM-Mech, IT	12		9		7	
Fri	13		10		7	Class Rep Meeting-I	13		10		8	
Sat	14		11		8	Club Activities	14	Club Activities	11		9	Governing Body Meeting
Sun	15	Sunday	12	Sunday	9	Sunday	15	Sunday	12		10	Sunday
Mon	16	Commencement of SEE-I Sem	13	Holiday	10		16		13		11	
Tue	17		14	Bogi Holiday	11	FB-I-ECE,EEE,CCE	17		14		12	
Wed	18		15	Pongal Holiday	12	FB-I-CSE	18		15		13	
Thu	19		16	Thiruvalluvar Day Holiday	13	FB-I-Mech, IT	19		16		14	
Fri	20		17	Uzhavar Thirunal Holiday	14	Sub.of CCM-I Minutes	20		17		15	Award Function for CIA-III
Sat	21		18	Third Saturday Holiday	15	Third Saturday Holiday Early Risers Contest	21	Sports Day/Annual Day	18	Innovative Project Exhibition for I Years	16	Third Saturday Holiday
Sun	22	Sunday	19	Sunday	16	Sunday	22	Sunday	19	Sunday	17	Sunday
Mon	23		20		17		23	II CCM-ECE,EEE,CCE	20		18	Last Working Day
Tue	24		21		18		24	II CCM-CSE	21	Presentation Day 3	19	Practical Examinations
Wed	25	Christmas Holiday	22	Sub.of Course File for verification	19		25	Telugu New Year Holiday	22	Presentation Day 4	20	Practical Examinations
Thu	26		23		20		26	II CCM-Mech, IT	23		21	Practical Examinations
Fri	27		24	Media.com Inter College Event	21		27		24		22	Practical Examinations
Sat	28	End of SEE	25	Contest Day-1	22	Contest Day -2	28	Talents Day	25		23	
Sun	29	Sunday	26	Republic Day Holiday	23	Sunday	29	Sunday	26	Sunday	24	Sunday
Mon	30	Holiday	27		24		30	CIA-II	27		25	Commencement of SEE-II Sem
Tue	31	Holiday	28		25		31	CIA-II	28		26	
Wed			29		26				29		27	
Thu			30		27				30	Last Instruction Day	28	
Fri			31		28						29	
Sat					29	Innovative Project Exhibition -II, III and IV Years					30	
Sun											31	Sunday

Note: .BOS-Board of Studies, AC-Academic Council, GB-Governing Body, CCM-Class Committee Meeting, FB-Feedback, IQAC-Internal Quality Assurance Cell
 Prepared by: Dr.W.Rajan Babu, As.P/EEE

Dean Academics



Principal

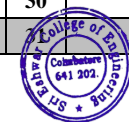
Sri Eshwar College of Engineering (Autonomous), Coimbatore 641 202
Academic Calendar 2019-2020-EVEN Semester –For II/III and IV Yr UG Program-Ver 1.0

Release Date: 04.12.2019

Day	December 2019		January 2020		February 2020		March 2020		April 2020		May 2020	
Sun	1	Sunday					1	Sunday				
Mon	2						2					
Tue	3						3					
Wed	4		1	New Year Holiday			4		1	Clubs Valedictory Function		
Thu	5		2	Holiday			5		2	Last Instruction Day		
Fri	6		3	Reopening of I Year Classes			6		3		1	May Day Holiday
Sat	7		4	Induction of Students Council	1	First Sat Holiday / Week End Coding Contest-II Years	7		4		2	First Saturday Holiday
Sun	8	Sunday	5	Sunday	2	Sunday	8	Sunday	5	Sunday	3	Sunday
Mon	9		6		3		9		6	Mahaveer Jayanthi Holiday	4	
Tue	10		7	IQAC Audit II	4		10		7		5	
Wed	11		8	Sub of CIA QP's to COE	5		11		8		6	
Thu	12		9	HoDs Meeting	6		12		9		7	HoDs Meeting
Fri	13		10	Mini and Main Project Review-I	7		13		10		8	
Sat	14		11	Club Activities	8		14		11		9	
Sun	15	Sunday	12	Sunday	9	Sunday	15	Sunday	12	Sunday	10	Sunday
Mon	16	Centralized Lesson Plan Prep.	13	Holiday	10		16		13		11	
Tue	17		14	Bogi Holiday	11		17	II-CCM-IV Yrs	14	Tamil New Year Holiday	12	
Wed	18		15	Pongal Holiday	12	Award Function for CIA I	18	II-CCM-III Yrs	15		13	IQAC Audit IV
Thu	19	Sub.of Course File for verification	16	Thiruvalluvar Day Holiday	13	Mini and Main Project Review-II	19	II-CCM-II Yrs Award Function for CIA II	16		14	
Fri	20		17	Uzhavar Thirunal Holiday	14	Industrial Visit II Year	20	Class Rep Meeting-II	17		15	
Sat	21		18	Third Saturday Holiday	15	Third Saturday Holiday Early Risers Contest	21	Sports Day/Annual Day	18		16	Third Saturday Holiday
Sun	22	Sunday	19	Sunday	16	Sunday	22	Sunday	19	Sunday	17	Sunday
Mon	23	Reopening of II and IV Yr Classes	20	I-CCM-IV Yrs	17		23	FB-II-IV Yrs	20		18	Commencement of Placement Training for III Years
Tue	24		21	I-CCM-III Yrs	18		24	FB-II-III Yrs/ IQAC Audit III	21	Practical Exam	19	
Wed	25	Christmas Holiday	22	I-CCM-II Yrs	19		25	Telugu New Year Holiday	22	Practical Exam	20	
Thu	26	Reopening of III Yr Classes	23	Class Rep Meeting-I	20		26	FB-II-II Yrs	23	Practical Exam	21	
Fri	27		24	Media.com Inter College Event	21		27	Sub.of CCM-II Minutes	24		22	
Sat	28		25	Contest Day 1/ Sleepless Night Coding Contest	22	Cont Day 2/Code Analyst Contest BOS Meeting	28	Talents Day	25		23	
Sun	29	Sunday	26	Republic Day Holiday	23	Sunday	29	Sunday	26	Sunday	24	Sunday
Mon	30	Holiday	27	Sub.of CCM-I Minutes	24		30		27	Commencement of SEE	25	
Tue	31	Holiday	28	FB-I-IV Yrs	25		31	Main Project Final Review	28		26	
Wed			29	FB-I-III Yrs	26	Mini Project Review-III			29		27	
Thu			30	FB-I-II Yrs	27				30		28	
Fri			31	Industrial Visit III Years	28						29	
Sat					29	Innovative Project Exhibition					30	
Sun												Sunday

Note: .BOS-Board of Studies, AC-Academic Council, GB-Governing Body, CCM-Class Committee Meeting, FB-Feedback, IQAC-Internal Quality Assurance Cell
 Prepared by: Dr.W.Rajan Babu, As.P/EEE

Dean Academics



Principal

Sri Eshwar College of Engineering (Autonomous), Coimbatore 641 202
Academic Calendar 2019-2020-EVEN Semester –For I Yr PG Program-Ver 1.0

Release Date: 07.01.2020

Day	December 2019		January 2020		February 2020		March 2020		April 2020		May 2020	
Sun	1	Sunday					1	Sunday				
Mon	2						2					
Tue	3						3					
Wed	4		1	New Year Holiday			4		1	CIA II		
Thu	5		2	Holiday			5	Award Function for CIA-I	2			
Fri	6		3				6	International Conference	3		1	May Day Holiday
Sat	7		4		1	First Sat Holiday	7	International Conference	4	Sub.of CCM-II Minutes	2	First Saturday Holiday
Sun	8	Sunday	5	Sunday	2	Sunday	8	Sunday	5	Sunday	3	Sunday
Mon	9		6		3	Sub.of CIA QP's to COE	9		6	Mahaveer Jayanthi Holiday	4	
Tue	10		7		4		10	Presentation Day 1	7		5	
Wed	11		8	Induction of Students Leadership Council	5		11	Presentation Day 2	8		6	
Thu	12		9		6		12		9	Award Function for CIA-II	7	
Fri	13		10		7	Class Rep Meeting-I	13		10	Good Friday Holiday	8	
Sat	14		11		8	Club Activities	14	Club Activities	11	Placement Award Day	9	Governing Body Meeting
Sun	15	Sunday	12	Sunday	9	Sunday	15	Sunday	12	Sunday	10	Sunday
Mon	16	Commencement of SEE	13	Holiday	10	I CCM-all PG Programs	16		13	FB-II all PG Programs	11	
Tue	17		14	Bogi Holiday	11		17		14	Tamil New Year Holiday	12	
Wed	18		15	Pongal Holiday	12		18		15	Class Rep Meeting-II	13	
Thu	19		16	Thiruvalluvar Day Holiday	13		19		16		14	
Fri	20		17	Uzhavar Thirunal Holiday	14		20		17		15	Award Function for CIA-III
Sat	21		18	Third Saturday Holiday	15	Third Saturday Holiday Early Risers Contest	21	Sports Day/Annual Day	18	Inno. Project Exhibition-I years	16	Third Saturday Holiday
Sun	22	Sunday	19	Sunday	16	Sunday	22	Sunday	19	Sunday	17	Sunday
Mon	23		20	Commencement of Classes	17	FB-I all PG Programs	23		20		18	Last Working Day
Tue	24		21		18	Sub.of CCM-I Minutes	24		21	Presentation Day 3	19	Practical Examinations
Wed	25	Christmas Holiday	22	Sub.of Course File for verification	19		25	Telugu New Year Holiday	22	Presentation Day 4	20	Practical Examinations
Thu	26		23		20		26		23		21	Practical Examinations
Fri	27		24	Media.com Inter College Event	21		27	II-CCM-all Programs	24		22	Practical Examinations
Sat	28	End of SEE	25	Contest Day-1	22	Contest Day -2	28	Talents Day	25	Class Rep Meeting-II	23	
Sun	29	Sunday	26	Republic Day Holiday	23	Sunday	29	Sunday	26	Sunday	24	Sunday
Mon	30	Holiday	27		24		30	CIA-II	27		25	Commencement of SEE
Tue	31	Holiday	28		25		31	CIA-II	28		26	
Wed			29		26				29		27	
Thu			30		27				30	Last Instruction Day	28	
Fri			31		28						29	
Sat					29	Innovative Project Exhibition UG Higher Classes					30	
Sun											31	Sunday

Note: .BOS-Board of Studies, AC-Academic Council, GB-Governing Body, CCM-Class Committee Meeting, FB-Feedback, IQAC-Internal Quality Assurance Cell
 Prepared by: Dr.W.Rajan Babu, As.P/EEE

Dean Academics



[Signature]
Principal

Sri Eshwar College of Engineering (Autonomous), Coimbatore 641 202
Academic Calendar 2019-2020-EVEN Semester –For II Yr PG Program-Ver 1.0

Release Date: 04.12.2019

Day	December 2019		January 2020		February 2020		March 2020		April 2020		May 2020	
Sun	1	Sunday					1	Sunday				
Mon	2						2					
Tue	3						3					
Wed	4		1	New Year Holiday			4		1	Clubs Valedictory Function		
Thu	5		2	Holiday			5		2			
Fri	6		3				6	International Conference	3		1	May Day Holiday
Sat	7		4	Induction of Students Council	1	First Sat Holiday	7	International Conference	4	Main Project Review-III	2	First Saturday Holiday
Sun	8	Sunday	5	Sunday	2	Sunday	8	Sunday	5	Sunday	3	Sunday
Mon	9		6		3		9		6	Mahaveer Jayanthi Holiday	4	
Tue	10		7		4		10		7		5	
Wed	11		8		5		11		8		6	
Thu	12		9		6		12		9		7	
Fri	13		10	Main Project Review-I	7	Main Project Review-II	13	Main Project Review-III	10	Good Friday Holiday	8	
Sat	14		11	Club Activities	8	Club Activities	14		11	Placement Award Day	9	
Sun	15	Sunday	12	Sunday	9	Sunday	15	Sunday	12	Sunday	10	Sunday
Mon	16		13	Holiday	10		16	II Class Committee Meeting	13		11	
Tue	17		14	Bogi Holiday	11		17		14	Tamil New Year Holiday	12	
Wed	18		15	Pongal Holiday	12		18		15		13	
Thu	19		16	Thiruvalluvar Day Holiday	13		19		16		14	
Fri	20		17	Uzhavar Thirunal Holiday	14		20	Feedback-II	17		15	
Sat	21		18	Third Saturday Holiday	15	Third Saturday Holiday	21	Sports Day/Annual Day	18	Main Project Final Review	16	Third Saturday Holiday
Sun	22	Sunday	19	Sunday	16	Sunday	22	Sunday	19	Sunday	17	Sunday
Mon	23	Reopening of II Year PG Classes all Program	20		17		23		20	Last Working Day	18	
Tue	24		21		18		24		21	Practical Exam	19	
Wed	25	Christmas Holiday	22		19		25	Telugu New Year Holiday	22	Practical Exam	20	
Thu	26		23	I Class Committee Meeting	20		26		23	Practical Exam	21	
Fri	27		24	Media.com Inter College Event	21		27	Sub.of CCM-II Minutes	24		22	
Sat	28		25		22		28	Talents Day	25		23	
Sun	29	Sunday	26	Republic Day Holiday	23	Sunday	29	Sunday	26	Sunday	24	Sunday
Mon	30	Holiday	27	Sub.of CCM-I Minutes	24		30		27	Commencement of SEE	25	
Tue	31	Holiday	28		25		31		28		26	
Wed			29		26				29		27	
Thu			30		27				30		28	
Fri			31	Feedback-I	28						29	
Sat					29	Inn. Project Exhibition					30	
Sun											31	Sunday

Note: .BOS-Board of Studies, AC-Academic Council, GB-Governing Body, CCM-Class Committee Meeting, FB-Feedback, IQAC-Internal Quality Assurance Cell
 Prepared by: Dr.W.Rajan Babu, As.P/EEE

Dean Academics



[Signature]
Principal

Student survey for Overall Institution Performance for the year 2019-20

Rating: Satisfactory(1), Good(2), very Good(3)

* Required

1. Email *

2. Survey questions *

Mark only one oval per row.

	1	2	3
OVERALL PLANNING AND EXECUTION OF ACADEMIC ACTIVITIES	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ACCESS TO DEANS FOR ISSUE RESOLUTION	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ACCESS TO DIRECTOR & PRINCIPAL FOR GRIEVANCE REDRESSAL	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ACCESS TO FACULTY FOR ACADEMIC RELATED ISSUE RESOLUTION	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ACCESS TO HOD FOR ISSUE RESOLUTION	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SENIOR MANAGEMENT'S COMMITMENT TOWARDS PROVIDING CAREER OPTIONS (PLACEMENT, ENTREPRENEURSHIP, HIGHER EDUCATION)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
QUALITY OF FOOD PROVIDED IN THE CAFETERIA	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
QUALITY OF SERVICES OFFERED BY THE TRANSPORTATION DEPARTMENT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
QUALITY OF SERVICES PROVIDED BY THE ADMINISTRATION DEPARTMENT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MAINTENANCE OF HYGIENE IN REST ROOMS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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SRI ESHWAR COLLEGE OF ENGINEERING

(An Autonomous Institution)

COIMBATORE – 202

Minutes of IQAC Meeting held on 22nd June 2019

Date: 22/06/2019

Participants : IQAC Members
Time : 11AM
Venue : Board Room
Chaired by : **Dr.Sudha Mohanram, IQAC Chairman**
Mr.Kannan Narasimhan, IQAC Coordinator

Agenda : 1. Review of Best Practices for teaching and learning process
2. Plan of IQAC for the current year 2019-20
3. Annual Quality Assurance Report (AQAR) for the year 2018-19

Participants : Members of IQAC

SN	Points discussed	Responsibility	Target
1.	Previous meeting minutes are closed and no pending activities.	N.A	N.A
2.	Appreciation to all members for getting Autonomous status		
3.	Appreciation for signing MoU with University of Malaya		
4.	Recommended to apply for NCC.	Prof. Mahaboob B	August 2019
5.	Recommended to start Student Leadership Council (SLC) to integrate leadership quality within the students.	IQAC Coordinator	January 2020
6.	Recommended to start International Advisory Board (IAB) to strengthen the higher education and International relations.	IQAC Coordinator	January 2020
7.	Reviewed the existing best practices followed last year 2018-19 for improving quality of teaching and learning process. The existing practices may be followed		

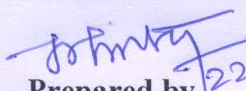


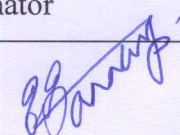
SRI ESHWAR COLLEGE OF ENGINEERING

(An Autonomous Institution)

COIMBATORE – 202

	as it is more effective.		
8.	AQAR report for the year 2018-19 to be submitted on time to NAAC office.	Prof.P.John Augustine	December 2019
9.	IQAC Academic Review	Academic Reviewers	Twice in a month
10.	IQAC Internal Academic Audit	IQAC Coordinator	Twice in a year


Prepared by 22/6/19
Prof. John Augustine
IQAC Member


Passed by
Mr.Kannan Narasimhan
IQAC Coordinator


Approved by
Dr.Sudha Mohanram
IQAC Chairman

SRI ESHWAR COLLEGE OF ENGINEERING

ACTION TAKEN REPORT

Dept:	IQAC	Activity	Year/Section	Responsibility	Proposed Action	Target Date	Action Implementation	Implementation Verification	Verified by & Date	Action Status
						22/06/2019	ATR Date:	24/06/2019		
SI No.	Details of Issue/N on Conformity		Year/Section	Responsibility	Proposed Action	Target Date	Action Implementation	Implementation Verification	Verified by & Date	Action Status
1	Recommended to apply for NCC.			Prof. Mahabob B	To discuss with the concerned NCC officer of the Government and submit the application immediately.	Aug-19				
2	Recommended to start Student Leadership Council (SLC) to integrate leadership quality within the students.			IQAC Coordinator	To release the nomination circular and start the selection process immediately.	Jan-20				
3	Recommended to start International Advisory Board (IAB) to strengthen the higher education and International relations.			IQAC Coordinator	To identify the members of the international universities for sending the request mail to them immediately.	Jan-20				
4	AQAR report for the year 2018-19 to be submitted on time to NAAC office.			Prof.P John Augustine	To circulate the AQAR template to all the department concerned and the duly filled AQAR from the department to be submitted to IQAC cell before August 2019.	Dec-19				
5	IQAC Academic Review			Academic Reviewers	To Schedule IQAC review in the Academic calendar and assign the reviewer.	Twice in a month				
6	IQAC Internal Academic Audit			IQAC Coordinator	To Schedule IQAC audit in the Academic calendar and assign the auditor.	Twice in year				

24/6/19

Form No. QS 04: Rev. 01: Rev.dt:10.02.16

Verified by

[Signature]

Principal

[Signature]



SRI ESHWAR COLLEGE OF ENGINEERING

(An Autonomous Institution)

COIMBATORE – 202

Minutes of IQAC Meeting held on 8th February 2020

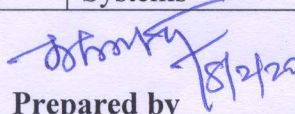
Date: 08/02/2020

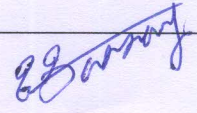
Participants : IQAC Members
Time : 11AM
Venue : Board Room
Chaired by : **Dr.Sudha Mohanram, IQAC Chairman**
Mr.Kannan Narasimhan, IQAC Coordinator

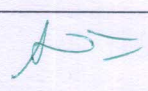
Agenda : 1. Review of the Plan of IQAC for the current year 2019-20
2. AQAR for the year 2018-19

Participants : Members of IQAC

SN	Points discussed	Responsibility	Target
1.	Review of Previous meeting minutes.		
2.	Discussed about AQAR 2018-19	Prof.P.John Augustine	December 2019
3.	Appreciated the members for forming International Advisory Board with 12 members.		
4.	Reviewed IQAC Academic Review	Academic Reviewers	Immediate
5.	Reviewed IQAC Internal Academic Audit	IQAC Coordinator	Immediate
6.	Recommended for new programs – B.Tech.- Artificial Intelligence and Data Science, B.Tech.-Computer Science and Business Systems	Management	June 2020


Prepared by
Prof. John Augustine
IQAC Member


Passed by
Mr.Kannan Narasimhan
IQAC Coordinator


Approved by
Dr.Sudha Mohanram
IQAC Chairman

SRI ESHWAR COLLEGE OF ENGINEERING
ACTION TAKEN REPORT

Dept:	IQAC	Activity	Year/ Sectio n	IQAC Meeting Responsibility	Activity Date	Target Date	ATR Date:	10/2/2020	Implementation Verification	Verified by & Date	Action Status
Pending item of previous meeting											
1	AQAR report for the year 2018-19 to be submitted on time to NAAC			Prof.P John Augustine	AQAR report will be prepared by coordinating with the department and the same will be sent during	30.12.2019	AQAR report prepared and sent to NAAC on 27.12.2019	Verified the NAAC documents and found AQAR sent on	IQAC Team on 27.12.2019	Closed	
2	IQAC Academic review			Academic Reviewer - Senior Faculty	The roles and responsibilities are to be circulated with reviewers for Academic audit	25.08.2018	Academic reviewers identified and also roles & responsibilities are given on 7.08.2018	Verified the documents and found it is on going.	IQAC Team on 08/02/2020	On going	
3	Recommended to apply for NCC.			Prof. Mahabob B	To discuss with the concerned NCC officer of the Government and submit the application immediately.	Aug-19	Applied and got approval from the Government. NCC established on December 2020 and official training was imparted to the member of NCC during January 2021.	Verified the document and found it is establishe and functioning.	IQAC Team on 08/02/2020	Closed	
4	Recommended to start Student Leadership Council (SLC) to integrate leadership quality within the students.			IQAC Coordinator	To release the nomination circular and start the selection process immediately.	Jan-20	Selected the SLC members after several scrutiny and SLC established and started functioning from January 2020	Verified the documents and found it is functioning.	IQAC Team on 08/02/2020	closed	
5	Recommended to start International Advisory Board (IAB) to strengthen the higher education and International relations.			IQAC Coordinator	To identify the members of the international universities for sending the request mail to them immediately.	Jan-20	Mail sent to various Professors at International University for the purpose of Board of members in International Advisory Board. 12 members accepted our request and given the consent for being Board of members in IAB.	Verified the documents and found the IAB is established.	IQAC Team on 08/02/2020	Closed	

6	IQAC Internal Academic Audit	IQAC Coordinator	To Schedule IQAC audit in the Academic calendar and assign the auditor and conduct audit.	Twice in year	Opening Meeting conducted on 22.8.19 for Audit-1 with various stakeholders where objective and name of the auditors and report template briefed. Audit-1 conducted from 18.9.19 to 21.9.21 Audit-1 Closure meeting conducted on 22.10.19 in the presence of Chairman of the Institution and discussed about the Non conformity, improvements and action to be taken. Audit-2 date is also fixed between 11.2.20 to 14.2.20 for verifying the closure of all NCS, observations. Audit - 2 Conducted between 11.2.20 to 14.2.20 and verified the NCS and Observations of Audit-1 and closed. Principal handed over the certificate of Appreciation to the auditors of IQAC for their contribution to the IQAC function/activities.	Verified the documents and found it is on going.	IQAC Team on 08/02/2020	On going
Action taken report for 08.02.2020 IQAC Meeting Minutes								
1	Recommended for new programs – B.Tech - Computer Science and Business Systems Technology, B.Tech - Artificial Intelligence and Data Science	Management	Recommended new programs are to be applied with AICTE.	Jun-20				

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Verified by



Principal

SRI ESHWAR COLLEGE OF ENGINEERING

ACTION TAKEN REPORT

Dept:	IQAC	Activity	IQAC Meeting	Activity Date	8/2/2020	ATR Date:	4/12/2020	Implementation Verification	Verified by & Date	Action Status
SI No.	Details of Issue/N on Conformity		Year/Section	Responsibility	Proposed Action	Target Date	Action Implementation	Implementation Verification	Verified by & Date	Action Status
1	Recommended for new programs – B.Tech - Computer Science and Business Systems Technology, B.Tech - Artificial Intelligence and Data Science			Management	Recommended new programs are to be applied with AICTE.	Jun-20	Applied During the month of April- June 2020.	Verified and found that the new programs are approved and started.	IQAC Team on 04/12/2020	Closed

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Verified by

Principal

Signature
4/12/20

Signature

Sri Eshwar College of Engineering (Autonomous)
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Best Practices (2019-20)

7.2 Best Practices

Describe at least two institutional best practices

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

Best Practices – 1

Students Leadership Council

1. Title of the Practice – The Student Leadership Council is to identify, develop and nurture leadership qualities among students

2. Goal:

- To enhance the leadership skills of students.
- To bring openness among the students to lead in their field of interest.
- To build a strong and firm council of student community.
- To stimulate decision making skills of students.

Roles of SLC Members:

- Every SLC member actively takes part in the council meeting.
- Must be responsible over their duties.
- Lead and guide simultaneously.
- Groom their peers to develop their skill sets.
- Take initiative to organize and conduct events related to their verticals.
- Being a brand ambassador of chosen vertical.
- A bridge between students and management.

3. The Context

- There exists a gap between the students “leadership skill” expectations. The involvement of students in day-to-day activities of organizing, managing the events in different verticals is ensured.
- Our Institution motto is leadership and excellence. As per the feedback of the HRs of the recruiting companies, more than 80% to 85% of the graduates are lacking in leadership quality that is to manage various activities in an Industry. To prepare students for leadership roles during their employment, various initiatives are expected by SLC (Student Leadership Council)

4. The Practice

- Students leadership council is approved
- The nominations are opened in the first week of commencement of the academic year.
- Further after nomination date is over, the student candidate will make presentation on the vertical of their selection to the Heads of the department and Senior Professors.
- The short listed student candidate will go with final round before the Principal, Directors and Dean.
- After the selection of the deserved candidate, one inauguration ceremony will be conducted where all the selected leaders will take an oath and will start to work from that day.

The List of SLC members during the year 2019-20

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Best Practices (2019-20)

<i>Sl No.</i>	<i>Vertical Name</i>	<i>President/Secretary</i>	<i>Vice President</i>
1	Student Ambassador - Boys	SachinPrasanna, III CSE	
2	Student Ambassador - Girls	Poo Maha, III ECE	
3	Fine Arts	Varshini, III ECE	Sabbarish, II Mech
4	SESWA	Arun Mari, III Mech	Purushothaman, III EEE
5	Mentoring	Keerthivasan, II CSE	Keerthana, III CSE
6	<i>Higher Education</i>	<i>Sreeja, III CSE</i>	<i>Bharathikannan , III ECE</i>
7	Amenity Centre	Harish, III Mech	Siva Krithika, III Civil
8	Discipline & Grooming	DenzilRivaldo, III Mech	MoganSundar, III Mech
9	Media & Branding	Praanesh, III EEE	KavinNagarathinam, II CSE
10	Sports	JavidAkthar, III CSE	KarumaiVizhiyal, III CSE
11	Girls Hostel	Dharshini, III EEE	Deepika, III EEE
12	<i>Boys Hostel</i>	<i>Raghul, III ECE</i>	<i>Vignesh H , II Mech</i>
13	EDC	Shankar Dev, III ECE	Gokul Anand, III Civil
21	Tamil Mandram	Sri Anuja, II EEE	M.Raguram, II Mech
22	<i>Technical Clubs</i>	<i>Gowtham Raj, III ECE</i>	<i>Vishaal , II CSE</i>
26	Learning Centre	Sakthi Lavanya, II CSE	Dhivyadharshini, III Civil
14	Department – EEE	Swathika, III EEE	
15	Department – CSE	Meghana, III CSE	
16	Department – ECE	Hashna, III ECE	
17	Department – Mech	Vigneswaran, III Mech	
18	Department – Civil	Pragathi, III Civil	
19	Department - IT	Sridharan, I IT	
20	Department - CCE	Rohan, I CCE	

- Every year the members will be changed and the equal opportunity will be given to other students.

5. Evidence of Success

- In each class, more than 75% of the students are actively involved in the above mentioned activities. The SLC members are sole responsible for their verticals, right from planning to execution. Activities are conducted through SLC and students are actively participating and it

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Best Practices (2019-20)

is successfully going on.

- Events like Media.com, Engal santhai, Tamilmandram, wall of help conducted through SLC “Motivational to new joiners”. Alumni Singing competition, Alumni Scavenger Hunt, Alumni Meet 2020, Independence day celebration, Republic day celebration, students webinar, entertainment activity to students etc.

6. Problems Encountered and Resources Required

- Non participation by a small section of the students.
- Willing and capable mentors are needed which is adequately available at Sri Eshwar College of Engineering.

7. Notes – Nil

Best Practice – 2

Technical Club Activity

1. Title of the Practice – Technical Club to enhance student’s technical knowledge and groom them as performers at various levels of their student life.

- To provide a platform where the brilliant ideas of students could be nurtured and prepare students in such a way that they can face any hurdles in the way of learning and can deal with the ever changing or dynamic technology. This will embark a new journey for the institute and provide the students with best possible opportunities that can be accumulated and bestow creative minds to work on innovative ideas.

2. Goal

- To enhance the students practical knowledge horizon by organizing the workshops, seminars and competitions on various technical level within the college.
- Provide a beneficial platform to the students to express their ideas freely and meaningful guidance in their field of interest.
- This club constitutes handful of students but represents the wishes of all the students and duty to steer the college towards a brighter and glorious future, all set to make a change that’s innovative.

3. The Context

- There exists a gap between the Institution and Industry expectations. The involvement of students to prepare themselves technically is crucial and active participation need to be ensured.

4. The Practice

- There are 15 Clubs that are active and each club will have a Student Secretary, Joint secretary and Executive members that are chosen by students.
- There is a Technical Club President nominated by the student representing all the Clubs available, also there is Overall Technical Club Staff Coordinator along with faculty coordinators for their respective clubs.
- The Clubs are exclusively student driven and they plan and execute their activities every working

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Best Practices (2019-20)

Saturdays in consultation with the faculty in charge.

- Students are allowed to join any clubs of their choice according to their area of interest.
- Students initiate programs like seminar, guest lectures and Technical Symposium besides mind blogging events like quiz, puzzles, content delivery, knowledge sharing etc
- Students are open to learn new technologies to promote their contribution towards great project creating remarkable appreciation nationwide.
- Students of respective clubs have immense dedication and devotion towards work, and toil very hard with a never say die spirit to achieve a singular goal of excellence in the field of technology within suppressible zeal.

5. Evidence of Success

- In each class, as students belong to different Clubs, respective secretary plans and allots work to his members of the club to execute as planned in the respective week and report for the same is handed over to the President and regular monitoring for smooth conduction of the event is taken care of.
- Being initiators and by exposure during their club hours which help students develop skills to organize flagship event which takes the college to different level altogether .
- Photographs and Videos are taken to motivate the students and to appreciate their talents.
- As students get better exposure to technically work on ideas that help them become tech savy which in turn reflect in their placements to get through Technical rounds.
- The Placement Cell has given a high rating of performance of students in Campus / Off Campus interviews as they are given opportunity to learn think and innovate ideas during their Technical Club hours.

6. Problems Encountered and Resources Required

- Non active participation by a small section of the students.
- Constant motivation is given by President and Coordinators to see that all get chance to exhibit their talents.

7. Notes – Nil



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Principal