



# Sri Eshwar<sup>®</sup> College of Engineering

Accredited by NAAC with 'A' Grade

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Kondampatti (Post), Vadasithur (Via), Coimbatore - 641202

Tel: 04259 200300 • Fax: 04259 200305 • [www.sece.ac.in](http://www.sece.ac.in)

## THE ANNUAL QUALITY ASSURANCE REPORT (AQAR)

2016 - 2017



**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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Kondampatti (P.O), Vadasithur (Via), Kinathukadavu, Coimbatore - 641 202.

Tel : 04259 200300 Cell : 73736 17171, 97153 17171 Fax : 04259 200305

E-mail : sece@sece.ac.in Web : www.sece.ac.in



South Asia

23<sup>rd</sup> Oct 2017  
Coimbatore

To

**The Director,  
National Assessment and Accreditation Council (NAAC)  
P.O.Box No. 1075,  
Nagarbhavi,  
Bangalore – 560 072.**

Respected Sir,

**Sub: - Submission of AQAR (Annual Quality Assurance Report) for the year 2016-17 req.**

Greetings from Sri Eshwar College of Engineering!

We are pleased by the support extended to our Institution during the entire process of accreditation and also for getting accredited by National Assessment and Accreditation Council (NAAC) with "A" Grade scoring 3.27 points.

We have constituted Internal Quality Assurance Cell (IQAC) under the chairmanship of Dr.Sudha Mohanram, Principal and the Head of IQAC Dr.G.Karuppusami, Dean (Research & Innovations) for ensuring the quality sustenance and improvement. The IQAC team made considerable improvements in teaching, learning, Research, Innovations and Extension activities etc. during the year 2016-17.

As per the NAAC guidelines, the institution has prepared the Annual Quality Assurance Report (AQAR) for the academic year 2016-17 with necessary enclosures and is submitted along with this letter for your kind perusal.

Kindly acknowledge the receipt of the same.

Thanking you with kind regards,

**PRINCIPAL**

Sri Eshwar College of Engineering  
Kondampatti (Po), Vadasithur (Via),  
Kinathukadavu, Coimbatore - 641 202



**VISION**

To be recognized as a premier institution, grooming students into globally acknowledged engineering professionals.

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# The Annual Quality Assurance Report (AQAR) of the IQAC

## Part – A

AQAR for the year (*for example 2013-14*)

2016-17

### I. Details of the Institution

1.1 Name of the Institution

SRI ESHWAR COLLEGE OF ENGINEERING

1.2 Address Line 1

Kondampatti Post

Address Line 2

Vadasithur via, Kinathukadavu

City/Town

Coimbatore

State

TAMILNADU

Pin Code

641202

Institution e-mail address

sece@sece.ac.in

Contact Nos.

04259-200300

Name of the Head of the Institution:

Dr.SUDHA MOHANRAM

Tel. No. with STD Code:

O: 04259 – 200306  
R: 0422 - 2425299

Mobile:

+91-9842211056

Name of the IQAC Co-ordinator:

Dr.G.KARUPPUSAMI

Mobile:

+91-9894606677

IQAC e-mail address:

research@sece.ac.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)

TNCOGN24887

OR

1.4 NAAC Executive Committee No. &amp; Date:

(For Example EC/32/A&A/143 dated 3-5-2004.  
This EC no. is available in the right corner- bottom  
of your institution's Accreditation Certificate)

EC (SC)16/A&amp;A/25.1

Dated: 11<sup>th</sup> July 2016

1.5 Website address:

www.sece.ac.in

Web-link of the AQAR:

http://www.sece.ac.in/pdf/SECE\_NAAC\_AQAR\_2016\_17.pdf

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

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	A	3.27	2016	5 YEARS
2	2 <sup>nd</sup> Cycle				
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

1.7 Date of Establishment of IQAC : DD/MM/YYYY

02/07/2015

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

i. AQAR \_\_\_\_\_ (DD/MM/YYYY)4

ii. AQAR \_\_\_\_\_ (DD/MM/YYYY)

iii. AQAR \_\_\_\_\_ (DD/MM/YYYY)

iv. AQAR \_\_\_\_\_ (DD/MM/YYYY)

## 1.9 Institutional Status

University State  Central  Deemed  Private Affiliated College Yes  No Constituent College Yes  No Autonomous college of UGC Yes  No Regulatory Agency approved Institution Yes  No 

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education  Men  Women Urban  Rural  Tribal Financial Status Grant-in-aid  UGC 2(f)  UGC 12B Grant-in-aid + Self Financing  Totally Self-financing 

## 1.10 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu) TEI (Edu)  Engineering  Health Science  Management 

Others (Specify)

## 1.11 Name of the Affiliating University (for the Colleges)

## 1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence	<input type="text"/>	UGC-CPE	<input type="text"/>
DST Star Scheme	<input type="text"/>	UGC-CE	<input type="text"/>
UGC-Special Assistance Programme	<input type="text"/>	DST-FIST	<input type="text"/>
UGC-Innovative PG programmes	<input type="text"/>	Any other ( <i>Specify</i> )	<input type="text"/>
UGC-COP Programmes	<input type="text"/>		

## **2. IQAC Composition and Activities**

2.1 No. of Teachers	<input type="text" value="14"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="2"/>
2.3 No. of students	<input type="text" value="3"/>
2.4 No. of Management representatives	<input type="text" value="1"/>
2.5 No. of Alumni	<input type="text" value="2"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="1"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="3"/>
2.8 No. of other External Experts	<input type="text"/>
2.9 Total No. of members	<input type="text" value="26"/>
2.10 No. of IQAC meetings held	<input type="text" value="1"/>



2.11 No. of meetings with various stakeholders: No.  Faculty   
 Non-Teaching Staff  Students  Alumni  Others

2.12 Has IQAC received any funding from UGC during the year? Yes  No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.  International  National  State  Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

1. Academic quality audits on regular basis.
2. Quality awareness programmes on Research and Teaching/Learning process
3. Educational Quality standards related programmes such as Accreditation etc.
4. Initiating new system and reframing quality standards to improve quality.

2.15 Plan of Action by IQAC/Outcome

The planned in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year.

Plan of Action	Achievements
Academic audit by IQAC	Members of IQAC assigned to the department audited the academic process of that department every semester.
Instant feedback system for facility.	Implemented instant feedback system and it is working for the past one year.
Squad team for monitoring the systems during internal test.	Established Squad team with senior faculty members for monitoring the students during internal test.
Centralized valuation and course file preparation	Implemented centralized valuation internal test papers and course file preparation.
Flipped class room, Collaborative, interactive learning, students' presentation.	Implemented flipped class, collaborative, interactive learning, and students' presentation in the course plan itself.

2 hours Pedagogy class for all teaching faculty every week.	Implemented 2 hours pedagogy class for all teaching faculty every week to enhance the teaching quality.
---	---

\* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body    Yes     No

Management     Syndicate     Any other body

Provide the details of the action taken

AQAR APPROVED
---------------

## Part – B

## Criterion – I

**I. Curricular Aspects**

## 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	1	3	4	
PG	4		4	
UG	5		5	8
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
<b>Total</b>	10	3	13	8
Interdisciplinary				
Innovative				

## 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

## (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	All programmes are under semester pattern
Trimester	
Annual	

1.3 Feedback from stakeholders\* Alumni  Parents  Employers  Students   
(On all aspects)

Mode of feedback : Online  Manual  Co-operating schools (for PEI)

\*Please provide an analysis of the feedback in the Annexure

## 1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

As Institution is affiliated to Anna University, Chennai the regulation or syllabi cannot be updated by us. But based on the area identified as a curriculum gap and also based on the industry requirements, Institution provides value added courses (VAC).

1.5 Any new Department/Centre introduced during the year. If yes, give details.

Anna University approved Research centre for Computer Science and Engineering (CSE), Electronics and communication Engineering (ECE) and Electrical and Electronics Engineering (EEE) established.

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
179	148	19	12	0

2.2 No. of permanent faculty with Ph.D.

18

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
8	8	0	0	2	2	0	0	10	10

2.4 No. of Guest and Visiting faculty and Temporary faculty

63

16

0

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	2	6	0
Presented papers	11	7	0
Resource Persons	1	3	6

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Funding for Innovative projects and final year projects  
 Incentives for consultancy projects and research projects  
 Instant feedback system  
 Students' presentation for each course  
 Collaborative, Interactive learning, Flipped Class  
 Technical debate  
 Group Discussion

2.7 Total No. of actual teaching days during this academic year

180

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Not Applicable

2.9 No. of faculty members involved in curriculum Restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop	4	36	4
---	---	----	---

2.10 Average percentage of attendance of students	87.97
---	-------

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.E.- Mechanical	140	3	106	20	-	92.14
B.E.-CSE	134	2	106	4	-	86.57
BE ECE	197	5.58	77.66	5.58	-	88.83
B.E – E.E.E	68	2.91	73.5	-	-	69.11
B.E-Civil Engineering	67	4.5	62.68	11.94	-	79.1
First Year	524	12	85	4	NIL	84.58

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

- By conducting academic quality audit of documents.
- By conducting academic Advisory council Meeting.
- By suggesting remedial actions towards academics.
- Optimization and integration of modern methods of teaching and learning that improves the academic quality culture.
- To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution. To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.
- To get feedback from the students.

Strategies IQAC shall evolve mechanisms and procedures for,

- a) Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks
- b) The relevance and quality of academic and research programmes
- c) Equitable access to and affordability of academic programmes for various sections of society

- d) Optimization and integration of modern methods of teaching and learning
- e) The credibility of evaluation procedures
- f) Ensuring the adequacy, maintenance and proper allocation of support structure and services

### 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	46
UGC – Faculty Improvement Programme	0
HRD programmes	0
Orientation programmes	37
Faculty exchange programme	0
Staff training conducted by the university	40
Staff training conducted by other institutions	37
Summer / Winter schools, Workshops, etc.	45
Others	5

### 2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	25	-	2	-
Technical Staff	31	-	3	-

## Criterion – III

### 3. Research, Consultancy and Extension

#### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

We have “My Idea Contest” box in our campus, where students and faculty are encouraged to drop their ideas. Several ideas are converted into projects/products using that.  
 Conducting timeline presentation Activity for Ph.D pursuing faculty during August month.  
 Team of faculty was sent to IIT Madras to promote Research activities on January 26<sup>th</sup> of 2017  
 Reorganization of Faculties in Research is done by providing  
 Best Researcher award was given for publishing maximum number of papers in reputed journal

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number				
Outlay in Rs. Lakhs	20	5	25	

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number				
Outlay in Rs. Lakhs				

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	70	0	-
Non-Peer Review Journals	0	0	-
e-Journals	79	0	-
Conference proceedings	7	7	-

#### 3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

#### 3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	-	-	-	-
Minor Projects	5 years	IEDC	45,30,000	13,30,000
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects <i>(other than compulsory by the University)</i>	2016-17	DST	3500000	-



Any other(Specify)	-	-	-	-
Total	-	-	80,30,000	13,30,000

3.7 No. of books published i) With ISBN No.  Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP  CAS  DST-FIST   
DPE  DBT Scheme/funds

3.9 For colleges  
Autonomy  CPE  DBT Star Scheme   
INSPIRE  CE  Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number	1	-	-	-	-
Sponsoring agencies	IEEE	-	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency  From Management of University/College   
Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	9
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows  
Of the institute in the year

Total	International	National	State	University	Dist	College
9	-	-	-	-	-	9

3.18 No. of faculty from the Institution who are Ph. D. Guides   
and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF  SRF  Project Fellows  Any other

3.21 No. of students Participated in NSS events:

University level  State level   
National level  International level

3.22 No. of students participated in NCC events:

University level  State level   
National level  International level

3.23 No. of Awards won in NSS:

University level  State level   
National level  International level

3.24 No. of Awards won in NCC:

University level  State level   
National level  International level

3.25 No. of Extension activities organized

University forum  College forum   
NCC  NSS  Any other

### 3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- On January 26<sup>th</sup> of 2017, our SESWA team visited “SARANALAYAM” orphanage and celebrated the Republic day. Lots of fun events were organized and prizes were given for the winners. Finally, we distributed sweets.
- Conducted Energy conservation Program to Coir Industries in Pollachi, Coimbatore (Dt)
- Conducted energy conservation and thermography audit Program for SIDCO, Small Industries, Coimbatore
- Planted & watered the Trees from Kondampatti to Kinathukadavu
- Flux banner donation to Government Higher Secondary School, Vadasithur
- Conduction of Events in Government School, Kondampatti on Republic Day Celebrations.
- Contribution to Orphanage, Snehalayam, Pollachi
- Compound Wall Painting of Government School, Kondampatti

## Criterion – IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	75667 Sq.m.			75667 Sq.m.
Class rooms	60			60
Laboratories	73			73
Seminar Halls	5			5
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.		6		6
Value of the equipment purchased during the year (Rs. in Lakhs)		60		60
Others				

#### 4.2 Computerization of administration and library

Department libraries are digitalized and Computer Systems provided to access NPTEL video.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value in Rs.	No.	Value in Rs.	No.	Value in Rs.
Text Books	17829	7070897	2205	1311438	20034	8382335
Reference Books						
e-Books						
Journals	112	278150	39	146340	151	424490
e-Journals	169	667238	765	11500	934	11500
Digital Database	186	50000	0	-	186	50000
CD & Video	3544	-	96	-	3640	-
Others (specify)						

## 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet MBPS	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1144		45					
Added	120		37			2	2	
Total	1264		82			2	2	

## 4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

Sl.NO.	Programme	Topic	Date
1.	Faculty Development Programme (1)	IoT -Creo for Design engineers	6-6-16 to 10-6-16
2.	Value Added Courses (4)	CCNA	5-06-2017 to 09-06-2017
		LABVIEW	5-06-2017 to 09-06-2017
		PCB design	30-05-2017 to 03-06-2017
		Embedded	12-06-2017 to 16-06-2017
3.	Guest Lecture (5)	Industrial Automation	27-08-2016
		Transmission lines and wave guides	30-7-2016
		Antenna and wave propagation	23-02-2017
		Electronic Circuits	19-09-2016
		VLSI basics	11-2-2017
4.	Workshop (5)	Training program on LABVIEW	17-09-2016
		Two days national level workshop on PCB design	28-07-2016 & 29-07-2016
		Service and maintenance of bench top instruments	24-06-2016 & 25-06-2016
		IoT implementation on real time applications using CC3200	22-12-2016 to 24-12-2016
		Training program on LABVIEW	17-09-2016
5	FDP	FDP was conducted by Mitsubishi Electric India Pvt Ltd at Pune for three faculty members in EEE dept.	

## 4.6 Amount spent on maintenance in lakhs:

i) ICT	4.2
ii) Campus Infrastructure and facilities	0.68
iii) Equipments	42.84
iv) Others	2.25
<b>Total:</b>	49.97

**Criterion – V****5. Student Support and Progression**

## 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

IQAC arranged online programmes for students and faculty to understand the latest developments in the area of relevant field of engineering

IQAC arranged WEBINARS for students and faculty to interact with eminent professors

IQAC encouraged students for high level project competition to be held in IITs, NITs and other leading industries

IQAC supported the department to write and send proposals for various funding agencies

IQAC reviews and follows the funding proposal for approval.

## 5.2 Efforts made by the institution for tracking the progression

Detailed schedule was prepared and followed by IQAC

One day workshop organised for faculty members on the topics of preparedness for funded proposals

## 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2307	27	1	-

## (b) No. of students outside the state

62

## (c) No. of international students

Men	No	%	Women	No	%
	1453	62.26		881	37.74

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
162	119	3	2099	0	2383	160	96	2	2076	0	2334

Demand ratio 12.

Dropout % 0.005

## 5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Sl. No.	Name of the Resource	Type of Competitive Exams/Training
1.	Dr.Kanagaraj	IAS
2.	TIME Institute	TOEFL,GMAT,UPSC,IES, IPS
3.	GATE FORUM	GATE
4.	Dr.S.Chandrasekar, Placement Director and Team	Aptitude, Verbal, GD, Communication
5.	Cambridge University Press	BEC Certification
6.	Mr.Dinesh Kumar Mrs. Jesintha Rani, EDWISE International	Study options overseas
7.	Dr.Roshini Ramakrishnan, Europe Study Centre (P) ltd (ESC)	Quality Education in Government universities at affordable cost

No. of students beneficiaries

600

## 5.5 No. of students qualified in these examinations

NET	<input type="text"/>	SET/SLET	<input type="text"/>	GATE	<input type="text"/>	CAT	<input type="text"/>
IAS/IPS etc	<input type="text"/>	State PSC	<input type="text"/>	UPSC	<input type="text"/>	Others	<input type="text" value="2"/>

## 5.6 Details of student counselling and career guidance

All the students have mentors/Tutors. Career guidance is also a part of mentoring.

Entrepreneurship awareness camp was conducted

No. of students benefitted

146

## 5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
132	500	452	26



### 5.8 Details of gender sensitization programmes

Many programmes beneficiary for girl's were conducted through Women's Cell. .Women's Day Celebrations was conducted on March 8<sup>th</sup> various events like Rangoli, Mehandhi, Cooking without fire , Solo, non classical dance, Group Dance etc were conducted for the girls students .A seminar on Women's Empowerment was held on May 11<sup>th</sup> 2016 by eminent speaker Ms.Supriya Sathish ,Founder and Director of Yasha Learning Centre.

### 5.9 Students Activities

#### 5.9.1 No. of students participated in Sports, Games and other events

State/ University level  National level  International level

No. of students participated in cultural events

State/ University level  National level  International level

#### 5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level  National level  International level

Cultural: State/ University level  National level  International level

### 5.10 Scholarships and Financial Support

	Number of students	Amount in Rs.
Financial support from institution	527	2,59,12,590
Financial support from government	805	1,80,40,000
Financial support from other sources		
Number of students who received International/ National recognitions		

### 5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

5

5.13 Major grievances of students (if any) redressed: \_\_\_\_\_

## Criterion – VI

### **6. Governance, Leadership and Management**

#### 6.1 State the Vision and Mission of the institution

Vision:

To be recognized as a premier institution, grooming students into globally acknowledged engineering professionals.

Mission:

Through relevant eco-system:

- Provide outcome and value based engineering education
- Nurture research and entrepreneurial culture
- Enable students to be industry ready and fulfil their career aspirations
- Groom students through behavioural and leadership training programs
- Make students socially responsible

#### 6.2 Does the Institution has a management Information System

Yes, the Institution has a Management Information System.

- Accounts and Financial works
- Store and material requisition
- Staff attendance biometric
- Library Information System
- Reformation System
- SMS Facilities
- Daily Absent Report (student)
- Student 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.

### 6.3 Quality improvement strategies adopted by the institution for each of the following:

#### 6.3.1 Curriculum Development

The following points were implemented by the Institution for Curriculum Development for course set-up and teaching methodology

- ❖ Curriculum gap identification
- ❖ Goals and objectives on chosen subjects or area were defined.
- ❖ Educational Strategies on chosen subjects like value added courses.
- ❖ Implementation of value added course
  - ✓ Introduction of curriculum
  - ✓ Administration of curriculum
  - ✓ Refinement of curriculum
- ❖ Evaluation and feedback system
  - ✓ Individual evaluation
  - ✓ Program evaluation
  - ✓ Finding of outcome
- ❖ Departments introduced new electives in emerging areas on a regular basis as per current and projected needs.
- ❖ Courses comprise Lectures/Tutorials/Labs.
- ❖ Seminars/Group Discussions/Presentations are highly encouraged
- ❖ Enrichment courses to support regular academic courses (alumni, employers, etc.).
- ❖ Some highly innovative enhancements:
  - ✓ **Targeting High level competitions:** Students are allowed to identify high priority problems, and develop technological or other solutions for the same, under guidance of department faculty.
  - ✓ **Project-based learning:** One or two courses in each engineering discipline is conducted in project mode, where students learn the concepts by implementing them as mini projects.

### 6.3.2 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

Apart from this the following are the measures adopted by the Institution for betterment of Teaching and Learning process.

- Problem based learning, Pre placement training, Interactive learning, collaborative learning, & Flipped class session
- Initiative to arrange more campus placement drives
- Motivation towards Research for staff and students
- Assistance to students to get admission for Higher Education.
- 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.
- Periodic Class Committee meetings: HoD, Faculty Advisor, course teachers and two student representatives of the class meet to ensure transparency in curriculum delivery and evaluation pattern.
- Objective assessment of teachers through student feedback administered in the middle of the semester helps in improved content delivery
  - ✓ Workshops by Alumni on Current Trends/Technology
  - ✓ Offering Value Added Programme during semester breaks
- NPTEL programme has been provided to the Faculty members. The Central Library has a large number of books and magazines along with e-library facility.
- National Digital Library is established in association with IIT-Kharagpur

### 6.3.3 Examination and Evaluation

All the Semester Examinations are conducted under the supervision of the Controller of Examinations, Anna University, Chennai. The centralized paper evaluation is undertaken and the results are declared by Anna University.

Some of the features include:

- Central valuation
- Monitoring the performance of the students by means of Internal Exams, End Semester Exams, and Continuous Evaluation
- Communication of evaluation methods to the students by faculty at the beginning of each Semester
- We have appointed two to three of our faculty members from each department as an exam coordinator to regulate our Examination process better.
- Detailed key for spot valuation is being prepared 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
- Combining the Internal level marks and Semester level marks final Grade is awarded to the student by the Anna University.
- Declaration of Results and conducting supplementary / arrear examination for failed students is the responsibilities of Anna University.

#### 6.3.4 Research and Development

- The objective of the Research is to create a positive atmosphere for faculty and students to carry out research related activities.
- The Faculties and Students are encouraged to present and publish papers in Seminars, Conferences and Journals. All the Departments also take different Research Projects from time to time.
- Consultancy projects are undertaken in all departments.
- Innovation and Entrepreneurship Development Cell (IEDC) is created to identify and nurture the significant Innovative ideas and projects that can be developed and scaled to the next level of operation.
- Student Research Projects are included in the curriculum as partial fulfillment of the courses.
- Recognizing Inspirational thinking of the students by awarding Best Student Projects every year.
- 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 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.

### 6.3.5 Library, ICT and physical infrastructure / instrumentation

The Institution was provided infrastructure 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 A.M. to 8.00 P.M. 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.
- Digital library comprising of Systems and CDs on various topics

#### **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 45 mbps (leased line) speed both for staff and students.
- Wi-Fi connectivity 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 Basket ball court and Volley court are available
- New Musical instruments for Cultural Forum
- Upgraded gym facilities



### 6.3.6 Human Resource Management

- Being an Educational Institution, Faculty is the main Human Resource.
- The management provides adequate manpower.
- Induction training is conducted for new faculty members
- Quality enhancement measures like deputing to Faculty development programmes in subject and capacity building domains etc., are undertaken.
- Organizing Industrial/Developmental Training Programme and Workshops/Seminars for enhancing the multi-skills of Faculties.
- In addition, training is provided every week to all the members of faculty on pedagogy.
- Annual assessment of faculty is done through Faculty Self-Appraisal Proforma (SAP) for Professors, Associate Professors and Assistant Professors.

HRM encompasses

- ❖ Payroll
- ❖ Time and Attendance
- ❖ Performance record

### 6.3.7 Faculty and Staff recruitment

The Institution recruits Faculty members based on the guidelines provided by the AICTE and Anna University. Adequate number of qualified Teaching and Supporting Staff are appointed through open advertisement. The steps are as follows,

- Releasing the advertisement in the Leading daily newspapers.
- Scrutinizing of Applications as per the college norms.
- Conducting Interview in the presence of External Experts and University Nominees.
- Selections of Candidates as per the norms of Staff Selection Committee.

The recruited Faculty members are deputed to undergo Faculty Development Program to enhance their pedagogical skills. The Faculty members are motivated to attend Orientation, Research Workshops for their Professional Development and Skill Development.

### 6.3.8 Industry Interaction / Collaboration

- Interaction with the Industry is done by conducting 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 their knowledge in 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.

## 6.3.9 Admission of Students

- The admissions of the students are strictly followed as per rules and regulation of the Government of Tamil Nadu and AICTE norms.
- Admissions are done through regular counseling for management quota.
- 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

## 6.4 Welfare schemes for

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

## 6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done    Yes     No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic			Yes	Internal Audit Team
Administrative	Yes	Anna University	Yes	Management

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes      Yes       No

For PG Programmes      Yes       No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

Our College is affiliated to Anna University, Chennai. Examination reforms are initiated by Anna University.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

The following mechanisms provide for autonomy of the institutions

- The Governing body for individual college comprising of representatives from University decide the strategic plan and requirements of the institutions.
- Institutions are empowered to recommend syllabus/curriculum changes or changes to the evaluation/assessment methods.
- The Deans/HODs of the individual colleges are members of the Academic Council (AC), the highest decision making body where they can raise their concern.
- To facilitate new courses of study, subject to the required minimum number of hours of instruction, content and standards
- To provide an opportunity to conduct internal examination more innovatively
- To provide academic flexibility to the Institution.
- Students are permitted to credit one online course of 3 credits.
- Provision for withdrawal from end semester examination for students.
- Provision for Authored break of study for students.

### 6.11 Activities and support from the Alumni Association

The college has its Alumni Association tends to strengthen stake holder relationship. The association actively participates in decision making and concentrates on college development.

The Alumni Association contributes various services to the institution in general and to the students opting for higher studies and getting employment in particular. Involvements of Alumni are as follows,

- Involvement in curriculum development
- Conducts seminars for the students
- Conducting interactive sessions for students and providing opportunities for students in worldwide universities
- Support for projects
- Feedback for the Alumni is being continuously received for academic development and career opportunities for students
- Recommendations for curriculum modifications based on industry requirement
- Invited talks are arranged
- Internships for students
- Alumni entrepreneurs motivate students
- Acting as a Jury for mini project Expo
- Acting as a Visiting faculty
- Acting as Resource Person for conducting mock placement programs

### 6.12 Activities and support from the Parent – Teacher Association

- Feedback from parents are collected during every mid of the semester through Parent-Teachers Meeting
- There is constant interaction between Class Advisors and Parents regarding the performance of their son/ daughter.
- When there is a disciplinary problem or if there is poor performance in the internal examinations, the parents are contacted over the phone / letter . Students are counselled with parents.
- Interactions between the parents and the teachers regarding the support & progression of their respective wards in academic & personal aspects.
- Parents who are working in core sector support the co-curricular activities through guest lectures and advise the department on matters pertaining to curriculum and career opportunities.

### 6.13 Development programmes for support staff

- During every semester break, an In- house Faculty Development Programme is conducted for all the Faculty members
- The In-house FDP titles will be chosen based on the recent technology
- Apart from the In-house training, the faculties are motivated to attend FDP on their related subjects.
- If any subject is allocated newly to a faculty or any subject is revised to new syllabus, the concerned subject handling faculties are advised to attend FDP or training on that particular subject.
- Industry training is provided to the faculty members in order to inculcate awareness on recent technologies among faculties.
- The Institution pays 50 % of the training fees
- Faculties are given enough scope to publish papers in peer reviewed journals.
- Both Teaching / Non-teaching are encouraged to continue higher studies.

### 6.14 Initiatives taken by the institution to make the campus eco-friendly

Institution itself has taken stringent measures for the conservation of nature and natural resources. The measures are as follows:

- ❖ Water and Energy auditing
- ❖ Planting trees in the campus
- ❖ Separate bins are kept in the campus to collect and segregate.
- ❖ Phasing out of incandescent lamps and partial phasing out tube-lights in favor of LEDs.
- ❖ Minimizing of air conditioner use through management controls

#### **Use of Renewable Energy**

- ❖ Solar water heater is available in the college campus hostel.
- ❖ Entrepreneur program / internal workshops are conducted periodically on Solar Energy Conservation for general awareness on solar energy conservation and sustainability.

#### **Energy conservation**

- ❖ Regular Awareness campaigns
- ❖ Planned power shutdowns in hostels during periods of low occupancy.

#### **Water Harvesting**

- ❖ To save the water resources and to raise the water table, the rain water is led into the underground pits which are located in the college premises.
- ❖ Waste water treatment plants are there and water treated is used for watering plants
- ❖ There is enough extent of plantation to reduce evaporative loss and soil erosion.
- ❖ The water table is maintained satisfactorily in the vicinity of the college.

## Criterion – VII

### 7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the Functioning of the institution. Give details.

- Website for monitoring final year projects
- Planned 3 days induction training programme to first year students
- Technology assisted pedagogy classes for faculty members
- Registration and completion of online courses made compulsory for faculty members

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

Ref. Management Review Minutes attached as annexure

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

1. **Title of the Practice – Development of innovative projects and participation of students in National level competitions**
2. **Title of the Practice – 20 Minutes Activity to enhance the soft skills of the first year students.**

*\*Provide the details in annexure (annexure need to be numbered as i, ii, iii)*

7.4 Contribution to environmental awareness / protection

- Conducted energy audit for the entire campus to reduce the usage of electrical power
- Installed LED lamps, BLDC fans, solar systems to capitalize on energy

7.5 Whether environmental audit was conducted?    Yes     No

## 7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

**SWOC ANALYSIS**

Following are the key findings of the SWOC analysis done at the institution level on the Strengths, Weakness, Opportunities and Challenges:

**STRENGTHS**

- Institution is sought after by students with higher cut off in the region and enjoys the confidence of parents and students
- Received "Best University / Professional Institute for Skill development" from Ministry of Skill Development and Entrepreneurship, Government of India on 9<sup>th</sup> Aug 2017.

**Academics**

- More than 85% of the students graduate every year
- Curriculum enrichment is done with input obtained from members of Academic Advisory Council
- Anna University rank holders
- 2016 Batch – 14 Students

**Faculty Members**

- Well qualified faculty members are engaged, with PhD holders
- The faculty retention is excellent and the faculty are given full academic freedom
- Students are provided with effective tutor ward system to counsel the students
- Clear definition of responsibilities and authorities are defined and available and facilitate a transparent management

**Research**

- Has an Anna University approved research centre for Computer Science and Engineering (CSE) , Electronics and Communication Engineering (ECE) and Electrical & Electronics Engineering (EEE)
- 25% of the faculty members are pursuing PhD degree
- 70 research papers have been published in international journals
- 9 patents filed
- International Journal of Advanced Computing and Communication Systems (IJACCS) is published by the institution

**Industry Institute Interaction**

- A well established cell lead by senior industry experts
- About Rs.1 crore spent every year for industry institute interaction initiatives
- Flagship Event Sri Eshwar Industry Connect organized for interaction with industry leaders
- SYSNAUTIX have setup their extended development centre in the college and totally we have 4 extended development centre



**Student Centric**

- 2 Start Ups worth of Rs.35L received by the students from DST.
- About Rs.2.0 crore worth of scholarship is granted every year to encourage deserving students
- Students are provided with holistic engineering education including personality development, placement training, communication skills etc. by qualified in-house training team
- Excellent placement record every year. 95% of students are placed every year. 50+ on campus companies. 30+ companies on campus offering above Rs.3.00 Lakhs per annum.
- Sri Eshwar Incubation Centre has successfully groomed 6 student entrepreneurs with technical, financial and marketing support.
- Strong presence of an alumni base – alumni sponsor events and share their wisdom with current students
- Update to Parents on the academic performance of students through the ERP tool

**Infrastructure**

- The institution has 80 Mbps internet connectivity and a wi-fi enabled campus
- All class rooms are smart class rooms with LCD Projectors, Computers and Internet Connectivity
- State of the art IT Centre with technology labs, training auditorium, discussion area, knowledge centre, business zone with two companies functioning from within
- Well furnished hostels separately for boys and girls with modern facilities. Hostel and mess is directly managed by the management
- World Class Amenity Centre comprising of Food Court, Super Market, Gymnasium, Separate Parlour for boys and girls run by Naturals, Music Studio and Indoor Games.

**Governance**

- Well structured governance by forward looking management, Promoter Principal, Dynamic Leadership team comprising of Deans, Directors and Empowered HODs

**Accreditation**

- The institution is in the process of getting accredited by NBA

**WEAKNESSES**

- Faculty with industry experience are less in number
- With 50% of the students from rural background, communicating in English sometimes becomes a challenge
- Institution is affiliated to Anna University and has constrains in curriculum enrichment
- Consultancy and extension activities require improvement
- With most students preferring placement, limitations in persuading students to do higher studies
- Collaboration with foreign universities

**OPPORTUNITIES**

- Located in the industrial district of Coimbatore which houses lot of core and IT companies
- Immense potential in the areas of Cloud Computing & Data Sciences to be tapped
- Industry expectations keep increasing which provides an opportunity to mould the students
- Opportunities to invite more companies to establish their centres in SECE campus

**CHALLENGES**

- Changing social and economic scenario, leading to unpredictable future
- Coping up with rapidly increasing expectations of the industry to get students become employable
- Placements in core engineering companies

**8. Plans of institution for next year**

- NBA Accreditation
- 2 Start ups in the campus
- 4 Research centre
- 4 companies in the campus

Name : Dr. G.Karuppusami

Signature of the Coordinator, IQAC

Name : Dr. Sudha Mohanram

Signature of the Chairperson, IQAC

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## ANNEXURE-I

## ACADEMIC CALENDER - ODD SEMESTER - 2016-17

SRI ESHWAR COLLEGE OF ENGINEERING ACADEMIC CALENDER FOR BE ODD SEMESTER(II,III,IV Years) OF THE YEAR 2016-2017							
	DATE	JUNE	DATE	JULY	DATE	AUGUST	
SAT							
SUN		Sunday Holiday		Sunday Holiday		Sunday Holiday	
MON					1	Internal Test-I	
TUE					2		ISO Course File Verification -I
WED	1				3		
THU	2				4		
FRI	3		1		5		Class Rep Meeting-I with Principal
SAT	4	Saturday Holiday	2	First Saturday Holiday	6	First Saturday Holiday	
SUN	5	Sunday Holiday	3	Sunday Holiday	7	Sunday Holiday / Alumni Day	
MON	6		4	Commencement of Classes	8		
TUE	7		5		9		
WED	8		6	Ramzan Holiday	10		
THU	9		7		11	Final Year Phase-I Project- Zeroth review	
FRI	10		8		12	Sub.of Int-I result analysis to Principal	
SAT	11	Saturday Holiday	9	Industry Connect-2016	13	Prize Distribution for Int-I/ Mini Project Review-I	
SUN	12	Sunday Holiday	10	Sunday Holiday	14	Sunday Holiday	
MON	13	Orientation Program for New Faculty Members	11		15	Independence Day Holiday	
TUE	14	Orientation Program for New Faculty Members	12		16	Weekly Test-II	
WED	15		13	HOD's Meeting- Academic Performance	17		HOD's Meeting- Academic Performance
THU	16		14		18		Sub.of Mini Proj. Review-I report to Principal
FRI	17		15		19		
SAT	18	Saturday Holiday	16	Third Saturday Holiday	20	Third Saturday Holiday	
SUN	19	Sunday Holiday	17	Sunday Holiday	21	Sunday Holiday	
MON	20		18	New Faculty Assessment by HoD	22	Pre-Assessment-II	
TUE	21		19		23		
WED	22		20	Class Committee Meeting-I-IV yrs	24		Sub.of Int-II QP after HOD verification
THU	23	Sub.of Course file by faculty to HOD for verification	21	Class Committee Meeting-I-III yrs	25		Krishna Jayanthi Holiday
FRI	24		22	Class Committee Meeting-I-II yrs	26		
SAT	25	Saturday Holiday	23	Department Monthly Meeting-I	27	Final Year Phase-I Project- First review Department Monthly Meeting-II	
SUN	26	Sunday Holiday	24	Sunday Holiday	28	Sunday Holiday	
MON	27	Commencement of Classes for III Mech-A	25	Feedback-I- IV yrs	29	Internal Test-II	
TUE	28		26	Feedback-I- III yrs	30		ISO Course File Verification -II
WED	29	HOD's Meeting- Academic Performance	27	Feedback-I- II yrs	31		
THU	30		28	Sub.of Int-I QP after HOD verification			
FRI			29	Sub.of CCM-I Minutes and FB-I report to Principal			
SAT			30	Internal Test-I			
SUN			31	Sunday Holiday			

1st & 3rd Saturdays will be holidays. However if we are working on those Saturdays it will be compensated

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## ACADEMIC CALENDER - ODD SEMESTER - 2016-17

SRI ESHWAR COLLEGE OF ENGINEERING ACADEMIC CALENDER FOR BE ODD SEMESTER(II,III,IV Years) OF THE YEAR 2016-2017								
DAY	DATE	SEPTEMBER	DATE	OCTOBER	DATE	NOVEMBER	DATE	DECEMBER
SAT			1	International Day of Elderly/First Sat Holiday				
SUN		Sunday Holiday	2	Sunday Holiday /Gandhi Jayanthi		Sunday Holiday		
MON			3					
TUE			4	Internal Test-III	ISO Course File Verification -III	1		
WED			5			2		
THU	1	Internal Test-II	6		Sub.of Mini Proj Review-II report to Principal	3		1
FRI	2	Internal Test-II	7		Sub.of Model Exam QP after HOD verifi	4		2
SAT	3	First Saturday Holiday	8		5	First Saturday Holiday	3	First Saturday Holiday
SUN	4	Sunday Holiday	9	Sunday Holiday	6	Sunday Holiday	4	Sunday Holiday
MON	5	Teachers Day/Vinayagar Chathurthi Holiday	10	Ayutha Pooja	7	Comm.of Univ Exam (Tentative)	5	
TUE	6		11	Vijaya Dasami	8		6	
WED	7		12	Muharram Holiday	9		7	
THU	8	World Litreacy day	13	Sub.of Int-III result analysis to Principal	10		8	
FRI	9	Sub.of Int-II result analysis to Principal	14	Prize Distribution for Int-III	11		9	
SAT	10	Prize Distribution for Int-II	15	Last Instruction Day	12		10	
SUN	11	Sunday Holiday	16	Sunday Holiday	13	Sunday Holiday	11	Sunday Holiday
MON	12		17		14		12	
TUE	13	Bakrid Holiday	18	Model Exam	IAAT Audit-II	15	13	Milad-Un-Nabi Holiday
WED	14	Feedback-II IV Yrs/ HOD's Meeting- Academic Performance	19		HOD's Meeting- Academic Performance	16	14	
THU	15	Engineers Day/Feedback-II III Yrs	20		Final Year Phase-I Project- Third review	17	15	
FRI	16	Feedback-II II Yrs	21			18	16	
SAT	17	Third Saturday Holiday	22	SPARK-2016	19	Third Saturday Holiday	17	Third Saturday Holiday
SUN	18	Sunday Holiday	23	Sunday Holiday	20	Sunday Holiday	18	Sunday Holiday
MON	19		24		21		19	
TUE	20	Weekly Test-IV	25	Sub.of Model Exam result analysis to Principal	22		20	
WED	21		26	Department Monthly Meeting-IV	23		21	
THU	22		27	Last Working Day	24		22	
FRI	23		28	Saturday Holiday	25		23	
SAT	24	Department Monthly Meeting-III	29	Deepavali Holiday	26		24	
SUN	25	Sunday Holiday	30	Sunday Holiday	27	Sunday Holiday	25	Christmas/Sunday Holiday
MON	26	Pre-Assessment-III	31	Sub.of FB-II report to Principal	28		26	
TUE	27		29	Sub.of CCM-II Minutes to Principal	29		27	
WED	28		30	Sub.of Int-III QP after HOD verifi	30		28	IAAT Audit -III
THU	29		Class Rep Meeting-II with Principal				29	
FRI	30		Mini Project Review-II				30	
SAT						31		

1st & 3rd Saturdays will be holidays. However if we are working on those Saturdays it will be compensated

Form no. AC 01: Rev 00: Rev dt. 15-06-11

ANNEXURE - II  
ACADEMIC CALENDER – EVEN SEMESTER – 2016-17

SRI ESHWAR COLLEGE OF ENGINEERING ACADEMIC CALENDER FOR BE EVEN SEMESTER(II,III,IV Years) OF THE YEAR 2016-2017									
	DATE	C.D	DECEMBER-2016	DATE	C.D	JANUARY-2017	DATE	C.D	FEBRUARY-2017
SAT									
SUN			Sunday Holiday	1		Sunday/ New Year Holiday			Sunday Holiday
MON				2		Holiday			
TUE				3	6				
WED				4	7		1	27	
THU	1			5	8		2	28	
FRI	2			6	9	Mini Project Review-I	3	29	Mini Project Review-II
SAT	3		First Saturday Holiday	7	10		4		First Saturday Holiday
SUN	4		Sunday Holiday	8		Sunday Holiday	5		Sunday Holiday
MON	5			9	11		6	30	
TUE	6			10	12	CCM-I-II Yrs	7	31	ISO Course File Verification-I
WED	7			11	13	CCM-I-III Yrs	8	32	
THU	8			12	14	CCM-I-IV Yrs	9	33	
FRI	9			13		Bogi Holiday	10	34	
SAT	10			14		Pongal Holiday	11	35	IV Yr Project Review-II
SUN	11		Sunday Holiday	15		Sunday Holiday	12		Sunday Holiday
MON	12			16		Thiruvalluvar Day Holiday	13	36	
TUE	13		Milad-Un-Nabi Holiday	17	15		14	37	
WED	14		HOD's Meeting- AP	18	16	HOD's Meeting- AP	15	38	Sub.of Int-I Result analysis to Principal
THU	15		Sub.of Course file for verification to Principal	19	17	Sub.of CCM-I Minutes to Principal	16	39	Prize Distribution for Int Test-I
FRI	16			20	18	Feedback-I Yrs/ IV Yr Project Review-I	17	40	Mini Project Review-III
SAT	17		Third Saturday Holiday	21	19		18		Third Saturday Holiday
SUN	18		Sunday Holiday	22		Sunday Holiday	19		Sunday Holiday
MON	19		Reopening of IV Yr EEE and II Yr except CSE	23	20		20	41	
TUE	20			24	21	Feedback-I II Yrs	21	42	
WED	21		Reopening of II Yr CSE	25	22	Feedback-I III Yrs	22	43	HOD's Meeting- AP
THU	22			26		Republic Day Holiday	23	44	
FRI	23		Reopening IV yr CSE,MECH,ECE,IT, Civil	27	23	Feed back-IV Yrs	24	45	Dept.Monthly Meeting-II
SAT	24			28	24	Sub.of FB-I Report to Principal Dept.Monthly Meeting-I/ Class Rep Meeting-I	25		Project Expo-2017
SUN	25		Sunday / Christmas Holiday	29		Sunday Holiday	26		Sunday Holiday
MON	26	1	Reopening of III Yr Classes	30	25	Sub.of Unit Test Result analysis to Principal	27	46	
TUE	27	2		31	26	IAAT Audit-I	28	47	IAAT Audit-II
WED	28	3	IAAT Audit						
THU	29	4							
FRI	30	5							
SAT	31		Saturday Holiday						
1st & 3rd Saturdays will be holidays. However if we are working on those Saturdays it will be compensated Form no. AC 01: Rev 00: Rev dt. 15-06-11 *AP:Academic Performance									
Industrial Visit : 11/Year (If local IV: 2 /Day)					Guest Lectures : 16/Year, Odd Sem: 4/ Sem, Even Sem : 4/Year, Industry Connect Lectures : 8				
Visiting Faculty: 31% of dept. faculty strength					Internship - 15 Companies/Year				

## ACADEMIC CALENDER - EVEN SEMESTER - (2016-17)

SRI ESHWAR COLLEGE OF ENGINEERING												
ACADEMIC CALENDER FOR BE EVEN SEMESTER(I,II,III,IV Years) OF THE YEAR 2016-2017												
DAY	DATE	C.D	MARCH-2017	DATE	C.D	APRIL-2017	DATE	C.D	MAY-2017	DATE	C.D	JUNE-2017
SAT				1	72							
SUN			Sunday Holiday	2		Sunday Holiday						
MON				3	73		1		May Day Holiday			
TUE				4	74		2					
WED	1	48		5	75	Model Exam	3					
THU	2	49		6	76		4			1		
FRI	3	50	IV Yr Project Review-III	7	77		5			2		
SAT	4		Talents Day	8	78	Placement Award Day	6		First Saturday Holiday	3		First Saturday Holiday
SUN	5		Sunday Holiday	9		Sunday Holiday/ Mahavir Jayanthi	7		Sunday Holiday	4		Sunday Holiday
MON	6	51		10	79		8			5		
TUE	7	52	CCM-II-I Yrs	11	80	Model Exam	9			6		
WED	8	53	CCM-II-II Yrs/ Womens Day	12	81		10			7		
THU	9	54	CCM-II-III Yrs	13	82	Last Working Day	11			8		
FRI	10	55	CCM-II-IV Yrs	14		Good Friday/ Tamil New Year Holiday	12			9		
SAT	11	56		15		Third Saturday Holiday	13			10		
SUN	12		Sunday Holiday	16		Sunday Holiday	14		Sunday Holiday	11		Sunday Holiday
MON	13	57	Internal Test-II	17		Comm.of VIII Sem Univ Exams	15			12		
TUE	14	58	ISO Course File Verification-II	18			16			13		
WED	15	59	HOD's Meeting- AP	19		HOD's Meeting- AP	17		HOD's Meeting- AP	14		HOD's Meeting- AP
THU	16	60	Sub.of CCM-II Minutes to Principal	20		Sub.of Model Exam Result analysis to Principal	18			15		
FRI	17	61	Class Rep Meeting-II/FB-II -I Yrs	21		Prize Distribution for Model Exam	19			16		
SAT	18		Third Saturday Holiday	22			20		Third Saturday Holiday	17		Third Saturday Holiday
SUN	19		Sunday Holiday	23		Sunday Holiday	21		Sunday Holiday	18		Sunday Holiday
MON	20	62		24			22			19		
TUE	21	63	Feedback-II- II Yrs	25			23			20		
WED	22	64	Sub.of Int-II Result analysis to Principal	26		IAAT Audit-IV	24			21		
THU	23	65	Feedback-II- III Yrs Prize Distribution for Int Test-II	27		Comm. of End Sem Exams for II/III Yrs	25			22		
FRI	24	66	Feedback-II- IV Yrs	28			26			23		
SAT	25	67	Annual Day	29		Dept.Monthly Meeting-IV	27			24		
SUN	26		Sunday Holiday	30		Sunday Holiday	28		Sunday Holiday	25		/Sunday Holiday
MON	27	68					29			26		
TUE	28	69	Sub.of Feedback-II Report to Principal				30			27		
WED	29		Telugu New Year Holiday				31			28		ISO External Audit
THU	30	70	IAAT Audit-III							29		
FRI	31	71	IV Yr Project Final Review/ Revision Dept.Monthly Meeting-III							30		
1st & 3rd Saturdays will be holidays. However if we are working on those Saturdays it will be compensated												
Form no. AC 01: Rev 00: Rev dt. 15-06-11 * AP-Academic Performance												
Training to industry : 75% of dept. faculty strength Refresher course to industry executives:75% of dept. faculty strength												
Faculty trained by industry : 2 Week/Year Consultancy to industry:51% of dept. faculty strength												

## ANNEXURE – III

## FACULTY FEEDBACK AND ANALYSIS REPORT

**Sri Eshwar College of Engineering,  
Department of Electrical & Electronics Engineering  
Faculty Survey**

	POOR	SATISFIED	GOOD	EXCELLENT
<b>Infrastructure</b>				
ICT facilities in the class rooms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Acoustic and ambience of the class rooms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lab facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Syllabus and Teaching - Learning Process</b>				
Involvement in analysing syllabus and identifying gaps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Opportunity to propose improvement to curriculum	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Opportunity to propose value added course	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Opportunity to propose content beyond syllabus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Freedom to experiment innovative teaching method	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Freedom to experiment innovative evaluation method	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Participation</b>				
Involvement in deciding the subject to be handled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Involvement in various events organized by the institution	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Academic facilities</b>				
Encouragement to participate in FDP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Encouragement to participate in Seminar/Workshops	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Encouragement to publish papers in journals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Encouragement to involve in research activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Staff Welfare</b>				
Salary offered	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Transportation facilities provided	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Emergency medical care	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Gender equality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Insurance Scheme	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Food & Refreshments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Overall Rating of Sri Eshwar</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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Your suggestion on Syllabus & Library Books

Course	Semester	Subject	Theory / Lab
BE (EEE)	08	Power Quality	Theory
Details of the content to be delivered additionally			
Power Quality tools can be used for simulation.			
Why do you think it is necessary?			
To improve practical knowledge.			
Mode of delivery suggested			
Animation, Simulation.			
What additional infrastructure/facilities required to deliver this?			
We are provided with all necessary facilities.			
How do you want the effectiveness of delivery measured?			
✓			
Will you be interested in developing the content? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
What would you require to develop the content?			
✓			

Subject	Books Recommended
Power Quality	Power Quality by C. Parichanika

E-Code: Sec 007

Name: S.K. Rajarathna.

Signature: *[Signature]*

Date: 21.12.15

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Faculty Survey Analysis and Action Item Report

Department: AE  
 Survey Done on: 26.4.2016  
 No. of Respondents: 28

% Score computation:  $(\text{No. of faculty rated } 1 \times 1 + \text{No. of faculty rated } 2 \times 2 + \text{No. of faculty rated } 3 \times 3 + \text{No. of faculty rated } 4 \times 4) \times 100 / (\text{no. of respondents} \times 4)$

2016-EVEN.

Action Item	No. of Faculty Rated				% of Score	Responsibility	Target Date	Status
	1	2	3	4				
<b>Infrastructure</b>								
ICT facilities in the class rooms			2	26	98.2			
Acoustic and ambience of the class rooms			2	26	98.2			
Lab facilities			4	24	96.4			
<b>Syllabus and Teaching - Learning Process</b>								
Involvement in analysing syllabus and identifying gaps			1	27	99.1			
Opportunity to propose improvement to curriculum			1	27	99.1			
Opportunity to propose value added course			2	26	98.2			
Opportunity to propose content beyond syllabus				28	100			
Freedom to experiment innovative teaching method				28	100			
Freedom to experiment innovative evaluation method			4	24	96.4			
<b>Participation</b>								
Involvement in deciding the subject to be handled			2	26	98.2			
Involvement in various events organized by the institution			2	26	98.2			
<b>Academic facilities</b>								
Encouragement to participate in FDP			6	22	94.6			
Encouragement to participate in Seminar/Workshops			5	23	95.5			
Encouragement to publish papers in Journals				28	100			
Encouragement to involve in research activities			2	26	98.2			
<b>Staff Welfare</b>								
Salary offered			4	24	96.4			
Transportation facilities provided			2	26	98.2			
Emergency medical care			8	20	92.8			
Gender equality			4	24	96.4			
Insurance Scheme			4	24	96.4			
Food & Refreshments			4	24	96.4			
<b>Overall Rating of Sri Eshwar</b>			2	26	98.2			

Branch	Year	Semester	Subject	Faculty Feedback On Syllabus Content			Feedback	
				Top 5 suggestions	Proposed Action	Date:	Target Date	Status
ME	II	IV	EMBEDDED SYSTEMS					
ME	II	IV	EMBEDDED SYSTEMS	REVIEW DEPARTMENT BOARD	Provided during vac.	1st Semest.		✓
ME	II	IV	EMBEDDED SYSTEMS	PE WITH BANGG GOVERNMENT	Research labs initiated	Feb 2016		✓
ME	II	IV	EMBEDDED SYSTEMS					
ME	II	IV	EMBEDDED SYSTEMS					
ME	II	IV	EMBEDDED SYSTEMS					

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HOD

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## ANNEXURE - IV

## PARENTS FEEDBACK AND ANALYSIS REPORT

PARENTS SURVEY				
Name of the Parent	T. MYLSAMY			
Name of the Student	M. ABHOK			
Branch of Study	EEE	Year of Study	IV	
Survey Date	05/03/2016			
Facility	1	2	3	4
Rate the academic facilities of the college	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rate the sports facilities of the college	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rate the transport facilities of the college	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rate the amenities of the college	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Communication</b>				
Communication on your ward's academic performance	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Communication on your wards attendance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Communication on internal tests	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Communication on university examinations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Communication on holidays	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Communication on college events	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Communication on value added courses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Communication on special coaching sessions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Communication on placement trainings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Communication on placement activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Accessibility</b>				
Accessibility to Management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Accessibility to Principal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Accessibility to Deans	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Accessibility to HOD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Accessibility to Faculty	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Accessibility to Office Staff	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Accessibility to ERP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Accessibility to College Website	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Grievance redressal</b>				
Facility to communicate grievances	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Speed of grievance redressal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Placement</b>				
Communication on students placed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Quality of placement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Overall Rating of Sri Eshwar	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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1. POOR

2. SATISFIED

3. GOOD

4. EXCELLENT

Parents Survey Analysis & Action Taken Report

Total Respondents: 26

10-11

Facility	No. of Parents Rated				% Score	Action Item	Resp	Target Date	Status
	1	2	3	4					
Rate the academic facilities of the college		1	9	16	89.42				
Rate the sports facilities of the college	2	6	10	8	73.08				
Rate the transport facilities of the college		4	13	9	79.81				
Rate the amenities of the college		1	9	15	85.58				
<b>Communication</b>									
Communication on your ward's academic performance		1	8	17	90.38				
Communication on your wards attendance			9	17	91.35				
Communication on internal tests		2	6	18	90.38				
Communication on university examinations			7	19	93.27				
Communication on holidays		3	6	17	88.46				
Communication on college events		4	7	15	85.58				
Communication on value added courses		5	8	13	82.69				
Communication on special coaching sessions		2	8	14	80.77				
Communication on placement trainings			8	18	92.31				
Communication on placement activities		1	6	19	92.31				
<b>Accessibility</b>									
Accessibility to Management		4	5	17	87.50				

1. POOR

2. SATISFIED

3. GOOD

4. EXCELLENT

Accessibility to Principal	3	5	18	89.42				
Accessibility to Deans	5	5	16	85.58				
Accessibility to HOD		6	20	94.23				
Accessibility to Faculty	1	6	19	92.31				
Accessibility to office staff	4	11	11	81.73				
Accessibility to ERP	3	8	15	86.54				
Accessibility to College Website	2	8	16	88.46				
<b>Grievance redressal</b>								
Facility to communicate grievances	2	11	13	85.58				
Speed of grievance redressal		12	14	88.46				
<b>Placement</b>								
Communication on students placed	3	7	16	87.50				
Quality of placement		8	16	84.62				
<b>Overall Rating of Sri Eshwar</b>		9	17	91.35				

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PRINCIPAL

1. POOR

2. SATISFIED

3. GOOD

4. EXCELLENT

## ANNEXURE - V

## STUDENTS FEEDBACK ON LIBRARY AND ANALYSIS REPORT

STUDENT NAME	K.KARATHICK	YEAR	3	SEMESTER	RATING				SECTION	SURVEY DATE	Remarks
					1-Poor	2-Satisfied	3-Good	4-Excellent			
1	STUDENTS' FEEDBACK ON LIBRARY FACILITIES	Overall ambience in the library including lighting, ventilation and noise reduction	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
2	Availability of adequate no. of books		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
3	Quality of books available		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
4	Quality of services provided by the library staff		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
5	Ease of use of the library management system		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
6	Adequacy of e-materials available		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
7	Sufficiency of library working hours		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
8	Subscription to journals and periodicals		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
9	Access to online resources / materials		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					

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## STUDENTS' SURVEY ON LIBRARY FACILITIES- ANALYSIS AND ACTION TAKEN REPORT

%Score = (No of students rated 1 x 1 + No. of students rated 2 x 2 + No. of students rated 3 x 3+ No. of students rated 4 x 4) x 100 / Total students x 4

Total No. of respondents 55

PARAMETERS	No. Students Rated				% Score	Action Item	Responsibility	Target Date	Status
	POOR	SATISFIED	GOOD	EXCELLENT					
Overall ambience in the library including lighting, ventilation and noise reduction	00	07	29	19	80.45				
Availability of adequate no. Of books	01	09	33	12	75.45				
Quality of books available	00	12	17	26	81.36				
Quality of services provided by the library staff	04	12	25	14	72.27				
Ease of use of the library management system	01	12	20	20	75				
Adequacy of e-materials available	03	09	19	24	79.09				
Sufficiency of library working hours	06	12	15	22	74.09				
Subscription to journals and periodicals	03	13	20	19	75				
Access to online resources / materials	02	16	20	17	73.63				

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ANNEXURE – VI  
RECRUITERS FEEDBACK AND ANALYSIS  
REPORT

**CAMPUS – RECRUITER'S FEEDBACK ANALYSIS AND ACTION TAKEN REPORT**

Employers' Feedback Comments and / or suggestions: (Top 5 suggestions)

Suggestion Proposed by	Company	Suggested Topic	Target Date	Status
Mr. David Issac	ELGI	Communication needs lot of improvement	Students will be separated based on their levels and training on soft skills shall be provided for 2017 batch students	Soft skills and communication development workshops have been scheduled for the 2016-2017 batch students during their vacation.
Ms. Madumitha	FSS	Improvisation of communication is high and analytical thinking is average	Finishing school has to be conducted for all students	All departments have planned to conduct F.S during vacation training
Mr. Mahesh Kumar	FSS	More practical sessions can be handled	Basic programming will be provided to 2017 batch students	CSE dept has conducted training on C++ for all non IT students from June 15th to July 15th along with Placement classes
Mr. Senthil Kumar	Unitlogic	ECE students have to be trained on C		
Mr. Jibu Joseph	L & T Infotech	Non IT students should be provided IT Training		

Action items implementation reviewed and approved by : <Principal>



## Employers Feedback On Guest Lecture Seminars Workshops: (Top 5 suggestions)

Suggestion Proposed by	Company	Suggested Topic	Proposed Action	Course & Year	Semester	Subject	Target Date	Status
Mr. Vijayan P	Cad Deploy	Transformation from Student to professional, Business Dynamics	CL	Mech & CIVIL	VII	Guest lecture by an professional	Sept 2016	
Mr. Nagendra Gajjela	Capgemini	Trends in India Digitalization	GL	CSE & IT	IV, V, VII	Industry connect '16	July 2016	
Mr. Vinoth	Marico	Goal Setting on Profession	GL	Mech	III	Guest lecture	August 2016	
Mr. Vicky Khanna.	Yoonik	Working With Binary Trees and Linked List	Training	CSE & IT	VII	Employ training	July 2016	
Mr. Navneeth	Yoonik	Cloud Automation, Machine Learning, Data Science	Internship	CSE & IT	V	Internship to take solution Chennai.	July 2016	

\*(Not applicable)

## CAMPUS - RECRUITER'S FEEDBACK ANALYSIS AND ACTION TAKEN REPORT

## Employers Feedback On Value Added Course(Top 5 suggestions)

Suggestion Proposed by	Company	Suggested Topic	Proposed Action	Course & Year	Semester	Subject	Target Date	Status
Mr. Prabhu K	Cad Deploy	IOT	Special Training	Mech & Civil	VII	Workshop by industrial expert	Aug 2016	
Mr. Vijayan R	Cad Deploy	Strengths of the Basic Engineering Skills	Special Training	Mech & Civil	VII	Special lecture on EG, 50M, DBS.	July 2016	
Mr. Subash	Synautix	Detailing technique for designers, Basic of GD & T	Special Training	Mech	IV & V	Workshop	31/3/2016	Completed
Mr. Senthil Kumar Murugesan	Unilogic Technologies	Virtual Instrumentation, Programs, Data Structure	Special Training	ECE	IV & V	VAE, Workshop, E & A training	Sep 2016	
Mr. Nagendra Gajjela	Capgemini	Big data, Hadoop	Special Training	CSE & IT	V	One day workshop	September 2016.	
Mr. Vicky Khanna	Voonik	Data Structure, Algorithms	Special Training	CSE & IT	VII	Workshop during meeting	July 2016	
Mr. Citrasu	Voonik	Cloud Technologies, Open Stack, Virtualization, Amazon web services	Special Training	CSE & IT	VII	Two days workshop	September 2016.	

\*(Not applicable)

# Sri Eshwar College of Engineering

Kinathukadavu, Coimbatore - 641202

CAMPUS - RECRUITER'S FEEDBACK ANALYSIS AND ACTION TAKEN REPORT  
Total No. of respondents/Forms: 29

PARAMETERS	No. of respondents rated					% Score*	Action Item	Responsibility	Target Date	Status
	4	3	2	1	0					
Coordination of the placement schedule	19	10	0	0	0	91.38	N/A	N/A	N/A	N/A
Arrangement of transport, accommodation	21	8	0	0	0	93.10	N/A	N/A	N/A	N/A
Staff support for recruitment activities	19	9	1	0	0	90.52	N/A	N/A	N/A	N/A
Campus recruitment infrastructure	18	10	1	0	0	89.66	N/A	N/A	N/A	N/A
Students' interaction during the pre-placement talk	8	17	3	1	0	77.59	N/A	N/A	N/A	N/A
Students' professional behaviour	11	15	3	0	0	81.90	N/A	N/A	N/A	N/A
Students' grooming & professionally dressing	12	14	3	0	0	82.76	N/A	N/A	N/A	N/A
Students' resumes quality	3	17	8	1	1	68.97	N/A	N/A	N/A	N/A
Students' technical skills set	3	17	8	1	1	68.97	N/A	N/A	N/A	N/A
Students' soft skills set	2	16	10	1	1	66.38	N/A	N/A	N/A	N/A
Students confidence level	4	15	9	1	1	68.97	N/A	N/A	N/A	N/A
Overall recruitment experience	9	18	1	1	1	80.17	N/A	N/A	N/A	N/A

\*Score = (No of recruiters rated 1 x 4 + No. of recruiters rated 2 x 3 + No. of recruiters rated 3 x 2 + No. of recruiters rated 4 x 1) x 100 / (Total respondents x 4)  
Since the calculated % scores of each factor is above 60% - No action is needed for the feedback parameters

## Employers Feedback Comments and / or suggestions: (Top 5 suggestions)

Suggestion Proposed by	Company	Suggestion/ Comments	Target Date	Status
Mr.Prabhu K	Cad Deploy	Overall quality in all areas was good.	Not Applicable	
Mr.Srinath Jagannathan	Lucid Technologies	More than Course work, it is hands on lab that Students lack- Dept. of CSE	Dec 2016	Mr. Anand Ganesh from Lucid Tech is coming as a visiting faculty.
Mr.Harishankar	Servion	Train students on Latest Technologies - Industry connect	July 2016	✓
Mr. Vicky Khanna.	Voonik	Teach and train students for Basic Coding problems that people may ask in Placement Drives- Dept. of CSE	July 2016	
Mr.Karthick Chandran	Amazon.com	Students may need to get exposure towards hands on Software experience in a simulated environment(Code check in, Code reviews design reviews)- Dept. of CSE - Students have purchased in hackathon.		
Mr.Sethumadhavan	Servion	Need to Guide students to prepare their resumes based on their interest, Proficiency Etc.- Placement Team	May 2016	Salary worksheet on Resume Building was conducted to all the pre-final year students.

\*-(Not applicable)

Action Items implementation reviewed and approved by : &lt;Principal&gt;

# Sri Eshwar College of Engineering

Kinathukadavu, Coimbatore - 641202

CAMPUS - RECRUITER'S FEEDBACK ANALYSIS AND ACTION TAKEN REPORT

Total No. of respondents/Forms: 27

PARAMETERS	No. of respondents rated				% Score	Action Item	Responsibility	Target Date	Status
	Poor	Good	Very Good	Excellent					
Students Quality	0	0	7	20	93.5	The calculated percentage scores of each factor is above 60% -No Action is needed for the feedback parameters			
Discipline among the Students	0	4	16	7	77.7				
Punctuality of the Students	0	4	21	2	73.1				
Knowledge of the Students	1	14	12	0	68.5				
Communication and Dress code of the Students	1	11	11	4	66.6				

*M. S. Chandrasekar*  
**M. S. CHANDRASEKAR**

Assistant Professor & Director - Placements  
 Sri Eshwar College of Engineering  
 Kandanpatti (PO), Vadashur (Tal.  
 Coimbatore - 641 202

Action items implementation Prepared by: <Principal>

Action items implementation reviewed and approved by: <Principal>

## ANNEXURE – V

**BEST PRACTICE – 1****1. Title of the Practice – Development of innovative projects and participation of students in National level competitions**

The objectives of participation in the high-level innovative project competitions conducted by the reputed industries are as follows.

- To apply the subject knowledge gained during studies.
- Opportunity for the students to try their innovative ideas to solve the societal problems.
- To understand the industry expectations.

**2. Goal**

The goal is to convert the innovative ideas of the students' into projects and finally useful products. The industries are looking for innovative ideas for making new products that fulfill the needs of the society and as well as offer solutions to the existing problems. In this regard, they invite the student community to participate in their competitions. Following are the take-away for our students

- To be industry ready
- To enhance their practical knowledge
- To improve their skills in all respects
- To enhance their confidence level in problem solving
- To succeed with start-ups if they become entrepreneurs in future.

**3. The Context**

The industries are not usually permitted to employ students on live projects due to policy restrictions. Hence the students are unable to apply the theoretical knowledge they gained at college to solve practical problems. This is a gap between industry and curriculum. The internships provided by the Industries to the students help them to understand the manufacturing of existing products and gain knowledge on the industrial environment.

To bridge the gap, the industries are regularly organizing various competitions in order to motivate the students to present their innovations and ideas.

**4. The Practice**

The Interactive Academic Resource Centre (IARC) of our institution continuously checks the news and announcements related to competitions and forward the messages and brochures to all the departments. Department innovative committee members identify suitable projects and mentor project teams to develop projects for submission to the competitions which are happening across India.

In each department, a dedicated faculty team is guiding and providing the back support for the students who are interested to participate in such competitions.

Students are motivated in all respects, encouraged and guided properly for participation.

Exclusive project labs with all necessary equipment are available in our institution to facilitate project development.

Faculty members provide support to students even after college working hours and accompany them to the place of competitions.

The Management and the Innovation and Entrepreneurship Development Center (IEDC) are providing required financial support to the students.

The cash awards and certificate of appreciation are given to the winning teams and the faculty who guided their projects

## 5. Evidence of Success

Students won awards in competitions conducted by the following industries during 2016-17.

- Texas Instruments
- National Instruments
- Quest Global
- Mitsubishi Electric India
- Electronics for you (EFY) – Mouser
- TAFE Limited
- Robotech Labs Pvt. Limited
- Zoho Corporation
- Tamilnadu Energy Distribution Association - TEDA
- Renesas India
- Virtualis Motor sports
- Amazon India

Two teams of students received funds for start-ups from Department of Science and Technology, Government of India.

## 6. Problems Encountered and Resources Required

Financial support is one area where the students are unable to afford when the requirement is high. Skilled faculty members are required to mentor the students and as well to provide technical support to them. The institution has to provide necessary infrastructure support in addition to other resources.

## 7. Notes – Nil

## BEST PRACTICE -2

### 1. Title of the Practice – 20 Minutes Activity to enhance the soft skills of the first year students.

The purpose of this practice is to inculcate the habit of reading newspaper and provide increased confidence to the students in public speaking and overcoming communication related challenges from the first year itself.

### 2. Goal

The goal is to bring openness among the students towards improving the overall personality of students. Active learning engages students with content in ways that develop competencies and build skills rather than simply transferring knowledge. Students are involved in more than just listening and taking notes and are made to participate in a variety of class activities.

- To encourage them to speak in English with one another
- To prepare the students on life skills
- To improve the language and communication skills
- To enhance the leadership qualities
- To ensure Activity based learning
- To stimulate the students on critical thinking (analysis, synthesis, evaluation)
- Less emphasis on transmitting information and more on developing students' skills.

### 3. The Context

There exists a gap between the students' skill and stakeholders' expectations. The involvement of students in day-to-day activities of learning in the class, need to be ensured.

As per NASSCOM report and the feedback of the HRs of the recruiting companies, more than 80% to 85% of the graduates are not employable for want of required skills, right temperament and needed leadership acumen. This state of affairs is due to the students' socio-economic background, study in Tamil medium schools and non-exposure to current development.

### 4. The Practice

- The students are instructed to bring English newspaper to the 20 minutes activity session
- Two mentors are assigned for each class to facilitate the initiative.
- This programme consists of various activities such as news of the day, hint development, sharing memories, role play, book reviews, group discussion, tell about a company, management games, just a minute, debate and current affairs, CEO profile etc., to remove the barriers of the students and make them to take part actively in the class.
- Words for the day, ensures that the students write at least two words with their meanings and practice them in forming sentences. It results in word power and language skill improvement.
- Additional active learning practices adopted are: debate and discussion, learning by doing, quality questions, reflective activities, cooperative and team based learning, problem based learning and service learning.



To motivate the students for active participation three awards are given every month. The two mentors allotted for each class rate the students performance.

- “Best presenter award” is given to the student who delivers the news effectively.
- “Best Persuader award” is given to the student who performs well in the daily debate which is a part of the 20 minutes activity.
- “Master Mind Award” is given to the student who excels in the Quiz programme conducted at the end of the week.

## 5. Evidence of Success

In each class, more than 75% of the students are actively involved in the above mentioned activities and deliberate on words of the day. New words are added to their vocabulary almost on a daily basis.

The Placement Cell has given a splendid performance of students in Campus / Off Campus interviews. Some of the students, who would have been eliminated at the entry stage itself during recruitment drive, are short-listed in leading corporate organizations because of this initiative.

## 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 SECE.

## 7. Notes – Nil

## 8. Contact Details

**Name of the Principal:** Dr.Sudha Mohanram

**Name of the Institution:** Sri Eshwar College of Engineering

**City:** Coimbatore

**Pin Code:** 641 202

**Work Phone:** 04259-200306 **Fax:** 04259-200305

**Website:** www.sece.ac.in **E-Mail:** sudhamohanram@sece.ac.in

**Mobile:** 09842211056

## ANNEXURE – VI

## MINUTES OF MANAGEMENT REVIEW MEETING

Action Item	Action Taken																														
A separate email id for all students and faculty to be created.	<ul style="list-style-type: none"> <li>For students, the email ids are issued in their first year also for the staffs on the DOJ</li> <li>This email id is used to send circular and other class and subject information.</li> </ul>																														
Faculty should handover the email ID while reliving from SECE. This should be included in the No dues / Check list.	<ul style="list-style-type: none"> <li>At the time of reliving, a column in the no due form mentioning the handover of official Mail ID is included.</li> <li>Web admin has to sign in no due form for acknowledge in the same</li> </ul>																														
Report of Governing Council can be prepared in back to back paper, which will be eco friendly, reduces the cost and easy to carry too.	<ul style="list-style-type: none"> <li>The Current Governing Council Report main report is digitalized and summary has been prepared back to back paper</li> <li>Recently International conference 2017 proceeding is made digital and CD was distributed to each participants</li> </ul>																														
<p style="text-align: right;">AU</p> <p style="text-align: center;">SRI ESHWAR COLLEGE OF ENGINEERING, Kondampatti P.O, Vadasithur Via, Coimbatore – 641 202</p> <p style="text-align: center;"><u>NODUES FORM</u></p> <p>Name of the Staff : _____ Date: _____  Designation : _____  Department : _____</p> <table border="1"> <thead> <tr> <th>Sl.No.</th> <th>Particulars</th> <th>Signature</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Lab (Concerned Department)</td> <td></td> </tr> <tr> <td>2</td> <td>Library</td> <td></td> </tr> <tr> <td>3</td> <td>Canteen</td> <td></td> </tr> <tr> <td>4</td> <td>Cashier</td> <td></td> </tr> <tr> <td>5</td> <td>Office Stationery / Software Admin Staff</td> <td></td> </tr> <tr> <td>6</td> <td>Website / Web admin</td> <td></td> </tr> <tr> <td>7</td> <td>Amenity Stores</td> <td></td> </tr> <tr> <td>8</td> <td>Physical Director (Table Key In charge)</td> <td></td> </tr> <tr> <td>9</td> <td>Head of the Department -ECE</td> <td></td> </tr> </tbody> </table>	Sl.No.	Particulars	Signature	1	Lab (Concerned Department)		2	Library		3	Canteen		4	Cashier		5	Office Stationery / Software Admin Staff		6	Website / Web admin		7	Amenity Stores		8	Physical Director (Table Key In charge)		9	Head of the Department -ECE		<ul style="list-style-type: none"> <li>For students, the email ids are issued in their first year also for the staffs on the DOJ</li> <li>This email id is used to send circular and other class and subject information.</li> <li>At the time of reliving, a column in the no due form mentioning the handover of official Mail ID is included.</li> <li>Web admin has to sign in no due form for acknowledge in the same</li> <li>The Current Governing Council Report main report is digitalized and summary has been prepared back to back paper</li> <li>Recently International conference 2017 proceeding is made digital and CD was distributed to each participants</li> </ul>
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Journals and Publications should include H Index and Impact Factor	<ul style="list-style-type: none"> <li>A column for H Index and Impact Factor is added in the title Journals and Publications by the faculty</li> </ul>																														
Industrial Consultancy, IRG-Internal Revenue Generated through solutions and consultancies.	<ul style="list-style-type: none"> <li>On 10/12/2016 a mega event on consultancy services offered by the department of EEE, ECE, MECH and Civil conducted where more than 100 industrialist and entrepreneurs participated.</li> <li>Around 10.9 Lakhs revenue generated from consultancies services on Energy Audit and optimized plant layout.</li> <li>GC Report 2017 IRG-Internal Revenue Generated has been included– Ref Pg. SB</li> </ul>																														
Academic Council of the college should include academicians from IIT, NIT and other premier institutions.	<ul style="list-style-type: none"> <li>Academic Advisory council meeting has been conducted before the commencement of each academic year for all domains, where in industry experts and Academicians</li> </ul>																														

<p>Publications from Physics and Chemistry is totally zero, faculty members should be motivated to come forward to publish their articles in renowned journals. He also suggested establishing a research center for Physics and Chemistry.</p>	<ul style="list-style-type: none"> <li>▪ Fifteen papers (Maths, Physics, Chemistry &amp; English) have been published in the International Journal from the year 2015-till date.</li> <li>▪ No of PhDs in Physics and Chemistry – 3</li> <li>▪ Research Supervisors</li> <li>▪ Physics – 1</li> <li>▪ Chemistry – 1</li> <li>▪ Research centre by 2018</li> </ul>
<p>To promote research among Maths, Physics and Chemistry, they should have a regular interaction between the core engineering department.</p>	<ul style="list-style-type: none"> <li>▪ S&amp;H Department has been motivated to interact with the core engineering department</li> </ul>
<p>A separate proposal to AICTE to be submitted to generate funds on Societal Impact Projects which can be showcased globally. Projects in the area of Dairy- Milk procurement and Chill Plan through lab view to optimize the level or any area in Agriculture and allied activities.</p>	<ul style="list-style-type: none"> <li>▪ Dr. Babu , Asst. Professor , Department of Chemistry doing his project on "DualFolic acid-Aptamer Conjugated Luminescent PLGA-chitosan Nanoparticles as Optical Imaging and drug delivery vehicle for Cancer Cells" worth of Rs.25,34000 from DST SERB.</li> </ul>
<p>An Intra college Innovative Project Exhibition to be organized where DST Scientist from SERB(<i>Science and Engineering Research Board</i>)can be invited as a jury member.</p>	<ul style="list-style-type: none"> <li>▪ Project Expo is conducted where in around 30 Alumni students and Industry experts are invited as the Jury.</li> <li>▪ People from DST and SERB will be invited in future program.</li> </ul>
<p>College has to plan an establish research center Gold Industry on Areas of Electro Plating in Jewelry Industry, Solvent Extraction for perfume industry, Thermal Modeling for solar and other fast growing areas can be identified to nourish research activities.</p>	<ul style="list-style-type: none"> <li>▪ Solar Power plant 100KW is installed with Grid -Tie Mode and 10KW solar power plant is exclusively dedicated for study purpose.</li> <li>▪ Several Govt Funded Solar Training Program have been organized</li> </ul>
<p>Mathematics department should have association with Indian Statistical Institute and organize events to create awareness on linkages between statistics and engineering. For Eg.:- Data analytics.</p>	<ul style="list-style-type: none"> <li>▪ 30 of our present third year students are trained in Data Analytics for one month by experts from IBM and Take Solutions</li> <li>▪ We were not able to identify the correct contact person Indian Statistical Institute for organizing the event. The suggestion is carried forward and will carried out before next GC meeting</li> </ul>
<p>Department should celebrate Ramanujam Birthday on December 22<sup>nd</sup> by conducting various activities. Activities related to Mathematics for school children</p>	<ul style="list-style-type: none"> <li>▪ Conducted Mathamitical quiz on December 22nd of 2016-2017 on Ramanujam Birthday.</li> </ul>

English department faculties should involve in research activities.	<ul style="list-style-type: none"> <li>▪ Currently four of the faculties are pursuing PhD</li> </ul>
English department faculties should involve in Technical Content writing should be taken for engineering department and create technical vocabulary.	<ul style="list-style-type: none"> <li>▪ English department faculty members associating with core engineering departments to develop student's communication skills through communication lab.</li> </ul>
Recommended that attendance should be taken printout periodically at least once in a month and the same should be signed by the concern faculty, HOD and authorized by Head of the Institution.	<ul style="list-style-type: none"> <li>▪ Regular monitoring of the students attendance is done and the defaulter are counselled to maintain the required attendance %.If needed parents are called. Attendance is updated to their parents via phone, SMS and letter etc.</li> <li>▪ Periodically, the Class Advisor takes the Printout of Report of Attendance generated by ERP and the same is signed by HOD and approve by Principal</li> </ul>