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**CRITERION – 1.4.2**

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# **SARANATHAN COLLEGE OF ENGINEERING**

(Affiliated to Anna University Chennai)

Panjappur, Tiruchirapalli-620 012

## **DEPARTMENT OF COMPUTER SCIENCE ENGINEERING**

Date: 08.05.2017

### **CIRCULAR**

Programme Advisory Committee meeting for the academic year 2017-18 is planned on 24.05.2017 at CSE seminar hall by 10 AM. During this meet, the committee will inspect the Vision, Mission statements of the department and subsequently scrutinize the Program Educational Objectives (PEOs). And also, the academic activities of the forth coming semester will be discussed.

Hereby PAC Members are requested to be present at the meeting.

  
HOD/CSE

Copy to:

1. Principal
2. All PAC Members



## SARANATHAN COLLEGE OF ENGINEERING

(Affiliated to Anna University Chennai)

Panjappur, Tiruchirapalli-620 012

### DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

To

Dr.A.N.Sigappi,

Associate Professor /CSE,

Annamalai University,

Chidambaram- 608002.

Dear Madam,

**Subject:** Convening of Programme Advisory Committee Meeting – Reg.

We are pleased to have you as a **Member of Programme Advisory Committee** of Department of Computer Science Engineering, Saranathan College of Engineering - Tiruchirapalli. In this regard, a meeting has been arranged on **24.05.2017 at CSE seminar hall by 10 AM**. Your presence is anticipated to collect more suggestions from your vast experience.

Thanking you,

08.05.2017

Tiruchirapalli

  
HOD/CSE



## SARANATHAN COLLEGE OF ENGINEERING

(Affiliated to Anna University Chennai)

Panjappur, Tiruchirapalli-620 012

### DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

To

Mr.J.Abdul Rashid Feroz Khan,

Director,

Code Sizzler Microsoft Vendor Partner,

Chennai-603002.

Dear Sir,

**Subject:** Convening of Programme Advisory Committee Meeting – Reg.

We are glad to have you as a Member of Programme Advisory Committee of Department of Computer Science Engineering, Saranathan College of Engineering - Tiruchirapalli. We hope our discussion will enable us to frame content beyond syllabus according to industry expectation.

In this regard, a meeting has been arranged on **24.05.2017** at **CSE seminar hall** by **10 AM**, you are invited to attend the meeting.

Thanking you,

08.05.2017

Tiruchirapalli

  
HOD/CSE





## SARANATHAN COLLEGE OF ENGINEERING

(Affiliated to Anna University Chennai)

Panjappur, Tiruchirapalli-620 012

### DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

To

Mr. J.G.Nirmal Raj,

Project Manager,

TCS, Solinganallur,

Chennai – 600119.

Dear Sir,

**Subject:** Convening of Programme Advisory Committee Meeting – Reg.

We are glad to inform that, you are nominated as a Member of Programme Advisory Committee of Department of Computer Science Engineering, Saranathan College of Engineering - Tiruchirapalli.

In this regard, a meeting has been arranged on **24.05.2017** at **CSE seminar hall** by **10 AM**.  
You are invited to attend the meeting.

Thanking you,

08.05.2017

Tiruchirapalli

  
HOD/CSE



# SARANATHAN COLLEGE OF ENGINEERING

(Affiliated to Anna University Chennai)

Panjappur, Tiruchirapalli-620 012

## DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

To

Mr. Ramanujam.K,

General Manager,

PLA Nexa,

Trichy-620017.

Dear Madam,

**Subject:** Convening of Programme Advisory Committee Meeting – Reg.

We are glad to inform that, you are nominated as a Member of Programme Advisory Committee of Department of Computer Science Engineering, Saranathan College of Engineering - Tiruchirapalli.

In this regard, a meeting has been arranged on **24.05.2017** at CSE seminar hall by 10 AM,  
You are invited to attend the meeting.

Thanking you,

08.05.2017

Tiruchirapalli

  
HOD/CSE



## **SARANATHAN COLLEGE OF ENGINEERING**

(Affiliated to Anna University Chennai)

Panjappur, Tiruchirapalli-620 012

### **DEPARTMENT OF COMPUTER SCIENCE ENGINEERING**

#### **MEETING AGENDA-PROGRAMME ADVISORY MEETING**

1. Welcoming PAC Members
2. Minutes of previous meeting
3. Review of previous and current academic activities
  - Vision, mission, PEOs dissemination
  - POs and PSOs discussion
  - General discussion
4. Next meeting
  - Date, Time, Venue, Attendees
5. Meeting close

  
HOD/CSE



# SARANATHAN COLLEGE OF ENGINEERING

(Affiliated to Anna University Chennai)

Panjappur, Tiruchirapalli-620 012

## DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

### Programme Advisory Committee - Minutes of Meeting

24.05.17

The PAC meeting of CSE department was held on 24.05.17 and the following points are discussed.

- 1 Syllabus for Training and Placement classes were discussed.
- 2 Content beyond the syllabus for each subject was discussed in detail.
- 3 Innovative teaching methods should be included in regular classes.
- 4 Students should be encouraged to present and publish their projects as paper in international conferences and journals.
- 5 Reputed companies should be identified and officials from those companies may be brought to the department for delivering lecture.
- 6 Number of students attending coding test and contest in reputed intuitions shall be increased.
- 7 Students should be asked to refer online course materials like nptel for their subjects.
- 8 Students are encouraged to give lecturers about the latest trends.
- 9 Awareness about the industry readiness should be given to the students.
- 10 The Vision, Mission, PEOs and PSOs of the department was disseminated as follows:

#### **Vision of the Department**

- To evolve as a centre of academic excellence and advanced research in Computer Science and Engineering discipline.

#### **Mission of the Department**

- To inculcate in students a profound understanding of fundamentals related to discipline.
- To inculcate skills, attitudes and their applications in solving real world problems with an inclination towards societal issues and research.





# **SARANATHAN COLLEGE OF ENGINEERING**

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Panjappur, Tiruchirapalli-620 012

## ***DEPARTMENT OF COMPUTER SCIENCE ENGINEERING***

- To promote research in the emerging areas of computer science and technology.

### **Program Educational Objectives (PEOs)**

The Graduates after three to five years of their graduation will

**PEO1 :** Acquire strong foundation in the mathematical, scientific and engineering fundamentals necessary to formulate, solve and analyze engineering problems.

**PEO2 :** Develop the ability to analyze the requirements of the software, understand the technical specifications, design and provide novel engineering solutions and efficient software/hardware designs.

**PEO3 :** Have exposure to emerging cutting edge technologies, adequate training & opportunities to work as teams on multidisciplinary projects with effective communication skills and leadership qualities.

**PEO4 :** Have awareness on the life-long learning and prepare them for research development and consultancy.

**PEO5:** Have a successful career and work with values & social concern bridging the digital divide and meet the requirements of Indian and multinational companies.

### **Program Specific Outcome (PSO)**

**PS01:** Foundation of mathematical concepts: To use mathematical methodologies to crack problem using suitable mathematical analysis, data structure and suitable algorithm.

**PSO2:** Foundation of Computer System: the ability to interpret the fundamental concepts and methodology of computer systems. Students can understand the functionality of hardware and software aspects of computer systems.

**PSO3:** Foundations of Software development: the ability to grasp the software development lifecycle and methodologies of software systems. Possess competent skills and knowledge of software design process. Familiarity and practical proficiency with a broad area of programming concepts and provide new ideas and innovations towards research.

- 11** In the PAC meeting the target for POs and PSOs by considering all the stakeholders views was discussed and fixed as shown in below tables.



# SARANATHAN COLLEGE OF ENGINEERING

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Panjappur, Tiruchirapalli-620 012

## DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Program Outcomes (POs)		Blooms Level	Target (%)
PO1	<b>Engineering Knowledge:</b> Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	Apply	85
PO2	<b>Problem Analysis:</b> Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.	Analyse	80
PO3	<b>Design/Development of Solutions:</b> Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.	Evaluate	75
PO4	<b>Conduct Investigations of Complex Problems:</b> Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.	Evaluate	70
PO5	<b>Modern Tool Usage:</b> Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.	Apply	70
PO6	<b>The Engineer and Society:</b> Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	Apply	60
PO7	<b>Environment and Sustainability:</b> Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	Understand	60
PO8	<b>Ethics:</b> Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	Understand	70
PO9	<b>Individual and Team Work:</b> Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings.	Understand	70
PO10	<b>Communication:</b> Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	Apply	70





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## DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

PO11	<b>Project Management and Finance:</b> Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	Apply	75
PO12	<b>Life-long Learning:</b> Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.	Evaluate	60

Program Specific Outcomes (PSOs)		Blooms Level	Target (%)
PSO1	<b>Foundation of mathematical concepts:</b> To use mathematical methodologies to crack problem using suitable mathematical analysis, data structure and suitable algorithm.	Create	70
PSO2	<b>Foundation of Computer System:</b> The ability to interpret the fundamental concepts and methodology of computer systems. Students can understand the functionality of hardware and software aspects of computer systems.	Apply	75
PSO3	<b>Foundations of Software development:</b> The ability to grasp the software development lifecycle and methodologies of software systems. Possess competent skills and knowledge of software design process. Familiarity and practical proficiency with a broad area of programming concepts and provide new ideas and innovations towards research.	Apply	75

11. The Strengthened attainment level of CS305 Computer Graphics (2016-2017 Odd) and (2015-2016 Odd) for POs and PSOs has been presented in the PAC meeting.

### Attainment of POs and PSOs:

Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C305	3	3	3	3	2	1	-	-	-	-	-	-	3	3	2
Attainment	1	1	1	1	0.67	0.33	-	-	-	-	-	-	1	1	0.67
Attainment	1.33	1.33	1.33	1.33	0.89	0.44	-	-	-	-	-	-	1.33	1.33	0.89



# SARANATHAN COLLEGE OF ENGINEERING

(Affiliated to Anna University Chennai)

Panjappur, Tiruchirapalli-620 012

## DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

S.No	Name	Description	Signature
1.	Dr. D. Valavan	Principal	
2.	Dr.A.N.Sigappi, Associate Professor, Department of CSE, Annamalai University	Member from Academic Institute	
3.	Mr.J.Abdul Rashid Feroz Khan, Director, Code Sizzler Microsoft Vendor Partner	Member from Industry	
4.	Mr. J. G. Nirmal Raj, Project Manager, TCS	Member - Alumni	
5.	Mr. Ramanujam. K, General Manager, PLA Nexa	Member - Parent	
6.	Dr.S.A.Sahaaya Arul Mary	HoD	
7.	Mr. S. Venkatasubramanian	Faculty	
8.	Ms. R. Thillaikarasi	Faculty	
9.	Ms. V. Punitha	Faculty	
10.	Ms. N. Radha	Faculty	
11.	Mr. T. Sathis Kumar	Faculty	
12.	Ms. C. Merlyne Sandra Christina	Faculty	
13.	Ms. K. Mohanappriya	Faculty	
14.	Ms. C. Hemalatha	Faculty	
15.	Ms. J. Sathia Parkavi	Faculty	
16.	Mr. A.T. Barani Vijayakumar	Faculty	
17.	Mr. R. Mohan Kumar	Faculty	
18.	Mr. P. Dinesh Kumar	Faculty	



# SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

## Program Advisory Committee Meeting

### AGENDA

**Venue:** EEE Seminar Hall

**Date:** 09/06/2017

- 10.00 am – 10.05 am : Welcome Address by HoD
- 10.05 am – 10.10 am : Presidential Address by Principal
- 10.10 am – 10.20 am : Introduction of PAC members by Program Co-ordinator
- 10.20 am – 10.50 am : Discussion of CO – PO and CO – PSO attainment for 2012-2016 batch of EEE Program
- 10.50 am – 11.05 am : Refreshment
- 11.05 am – 12.35 pm : Action plan to be taken for the forthcoming batches to attain POs and PSOs through Value additions and getting approval.
- 12.35 pm – 12.40 pm : Vote of Thanks by Program Co-ordinator

  
HoD/EEE





# SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Ref: SCE / EEE / PAC Meeting / Minutes /2017

09.06.2017

## Minutes of the PAC meeting

Program Advisory Committee meeting with all stakeholders to discuss about the CO – PO and CO – PSO attainment of 2011-2015 batch of EEE graduates held on 09.06.2017 Friday at 10.00 am in the EEE Seminar Hall.

The following PAC members were Present:

S.No.	Type of stakeholder	Stakeholder	Name and Designation
1	Internal stakeholder	Management Representative	Dr.D.Valavan, Principal.
2		Faculty	1. Dr.C.Krishnakumar, Professor & HoD/EEE, 2. All Faculty Members.
3		Supporting Staff	Mr.T.Sesu Selvaraj, Laboratory Assistant.
4		Students	1. Mr.V.Harisankaran – IV Year 2. Ms.R.Rajalakshmi – IV Year
5	External stakeholder	Industry	Er.R.Murali, Managing Director, Madras Switch Gears Private Limited, 1/40, Post Office Building, M.K.Garden, Dhanam Nagar Rd, Sabari Nagar, Mugalivakkam, Chennai, Tamil Nadu – 600125.
6		Research Organization	Er.V.Kaviraj, Assistant Manager, Research & Development, Brakes India Private Limited, Padi, Chennai – 600050.
7		Alumni	1. Er.A.G.Balaji Ponnambalam, Systems Engineer, Infosys, Bangalore. 2. Er.R.Shantha Devi, Hardware Project Engineer E-con Systems India Pvt Ltd., Chennai.
8		Professional Bodies	Dr.S.Venkatanarayanan, IEEE Senior member, Professor/EEE, K.L.N. College of Engineering, Pottapalayam, Sivagangai Tamil Nadu - 630612.
9		Parents	1. Mr.G.Venkatesan 15-E, Type I Quarters , Block - 19, Neyveli, Cuddalore-607803. 2. Mr.R.Ramakrishnan 66, West Street, Veereswaram, Srirangam, Tiruchirappalli-620006.
		Eminent Academician	Dr.M.Premalatha, Assistant Professor, Energy and Environment (CEESAT) NIT Trichy, Tamil Nadu - 620015.

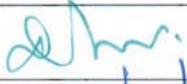






- HoD greeted the members present and delivered the welcome address. He also briefed about the progress of the Department towards the achievement of Vision, Mission, PEOs, POs, PSOs.
- Principal delivered the presidential address to the stakeholders and publicized the Vision and Mission of the Institution.
- Program Coordinator (PC) Mr.R.Balasubramanian, Associate Professor/EEE, introduced the Committee Members of the Program Advisory Committee (PAC) of the EEE Program and publicized the Vision, Mission of the Department and PEOs, POs, PSOs of the EEE Program.
- PC projected the CO – PO and CO – PSO attainment for 2012-2016 batch graduates of EEE to the PAC members and gathered the action taken for the improvement of CO – PO attainment for the forthcoming batch students.

Batch	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
2011-2015	1.94	1.48	1.34	1.04	1.15	1.25	2.21	1.4	1.76	1.56	1.17	1.41	1.45	1.56
Percentage	64.67	49.33	44.67	34.67	38.33	41.67	73.67	46.67	58.67	52.00	39.00	47.00	48.33	52.00
2012-2016	1.87	1.44	1.30	1.02	1.15	1.14	2.00	1.35	1.64	1.45	1.09	1.32	1.34	1.47
Percentage	62.17	48.16	43.43	33.84	38.32	38.15	66.82	44.85	54.81	48.36	36.41	43.87	44.57	49.02

- The following views were congregated from the stake holders regarding the action plans to be taken for the forthcoming batches to attain POs and PSOs through value additions.
- Expert from Industry Er.R.Murali, specified the expectations of industries from the graduates and opportunities available for Engineers in various industries. He explained the need of Renewable Energy/solar power and its impact on Indian power sector and encouraged to adapt solar based lighting system in the college. He briefed about the subsidy schemes by Government of India and TEDA. He also suggested to conduct value added programs in PCB design and embedded systems.
- Alumni Er.A.G.Balaji Ponnambalam, talked about placement training and companies visiting the campus for recruitment. He praised the college for bringing the top companies for placement. He suggested that internships can be arranged for students to create awareness about industry expectations.
- Alumni Er.R.Shantha Devi, cherished the development of Institution and recommended to conduct value added programs on Python, Java, C and C++ to increase the employability of the students in software industry.
- Professional Society Member Dr.S.Venkatarayanan, encouraged to apply financial grant to various professional chapters for the conduct of co-curricular activities such as seminar/workshop/conference and shared his views about effective conduct of co-curricular activities that helps to attain the CO – PO and CO – PSO attainment.



- Student Representatives Mr.V.Harisankaran and Ms.R.Rajalakshmi requested to arrange industrial visit to enhance their technical skills.
  - Parents Mr.G.Venkatesan and Mr.R.Ramakrishnan suggested on arranging more campus interviews to enhance the students' career.
  - Expert from Research Organization Er.V.Kaviraj, gave inputs regarding research activities. He explained the need of research committee and advised to categorize the faculty based on expertise is clearly pointed out by him. He encouraged to send funding proposals to various funding agencies and suggested to establish Centre of excellence laboratory in collaboration with various industries.
  - Eminent Academician Dr.M.Premalatha, shared her views about effective conduct of laboratory and assessment methods used in leading universities and asked to follow the same in the college and this will help to improve the CO – PO and CO – PSO attainment and suggested to use ICT tools in the classrooms to enhance the students learning also briefed about various learning methods. Also recommended to purchase reference books written by foreign authors and standard books for all courses.
- The members of PAC suggested and approved to take any of the following measures to strengthen the CO – PO and CO – PSO attainment for the forthcoming batches of EEE Program:
- ❖ Conduct of Value Added Courses (VACs)
  - ❖ Conduct of Seminar presentation
  - ❖ Conduct of innovative project contest
  - ❖ Conduct of national/international conference
  - ❖ Content beyond syllabus in theory and practical courses
  - ❖ Conduct of Guest lectures
  - ❖ Conduct of Mini project

S.No	Name of the PAC Member	Signature
1	Dr. D. V. RAO	
2	Dr. C. Krishnakumar	
3	R. Balasubramanian	
4	T. SESU SELVA RAJ	
5	V. Kaviraj	
6	R. Murali	
7	G. VENKATESAN	



S.No	Name of the PAC Member	Signature
8	Dr. M. PREMALATHA	M. Premalatha
9	R. RAMAKRISHNAN	R. Ramakrishnan
10	S. Venkatesanayagan	S. V. Venkatesanayagan
11	R. SHANTHA DEVI	Shantha devi
12	S. Gopal Iyer	S. Gopal Iyer
13	R. RAJALAKSHMI	R. Rajalakshmi
14	A. G. BALAJI PONNAMBALAM	A. G. Balaji Ponnambalam
15	V. Harisankaran	V. Hari

  
HoD/EEE

Copy to

The Principal Office

The dept. circular file (for circulation among Faculty Members)



## SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, NBA Accredited)

Affiliated to Anna University, Chennai)

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

09.01.2018

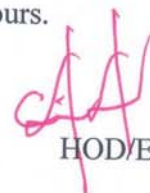
#### Submitted to the Principal:

The Program Advisory Committee (PAC) meeting has been conducted on 03.05.2017 to strengthen the CO-PO and CO-PSO attainment. Based on the suggestions given by the committee, the following programmes were organised by the Department.

#### 1. Events conducted during 2017-18

S.No	Name of the programme	Duration
1	One day Workshop on "Grid connected and Solar PV plant design using PVSYST"	28-07-2017 (1 day)
2	Two day Workshop on "Multi-functional Measuring Instruments"	20-12-2017 to 21-12-2017 (2 days)
3	One day Workshop on Robotics - tech show by axis global automation	24-12-2017 (1 day)
4	Two days NSVC workshop ( National Solar Vehicle challenge)	10-12-2017 to 11-12-2017 (2 days)
5	Energy Day Celebration - The Role of Engineers in a Developing India.	15-09-2017 (1 day)

2. Content beyond the Syllabus in Theory course and practical course have been added. The recent trends and technological improvements in the fields related to the corresponding courses are explained to the students by the faculty members for one or two hours.

  
HOD/EEE



**SARANATHAN COLLEGE OF ENGINEERING**  
**TIRUCHIRAPALLI - 620 012.**  
 (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
 ENGINEERING**

Ref: SCE/ECE/PAC meeting/Minutes/2014-2015/

20/06/2015

**Minutes of Program Advisory Committee meeting**

Program Advisory Committee meeting with stakeholders is convened to  
 finalize the statements of Vision, Mission and PEOs of the Department of ECE.

Date: 20/06/2015

Venue: ECE Seminar Hall

**List of PAC Members present**

SNo	Stakeholder	Name and Designation	Signature
1.	Head of the Institution/ Management Representative	Dr.D.Valavan, Principal	
2.	Head, Training & Placement Cell	Prof. Iyer Gopal Srinivasan	
3.	Head of the Department	Dr.M.Santhi, Professor & Head	
4.	Expert from Industry	Er.P.MadhanMohan, Project Leader, Jasmin Infotech, Chennai.	
5.	Expert from Research Organization	Er. Kevin A R K Kumar, Deputy Manager (M&S), BHEL, Trichy.  Er.Muhammad Ehsan R, Senior Engineer(M&S), BHEL, Trichy	 <b>Dr. KEVIN ARK KUMAR</b> Deputy Manager Maintenance & Services BHEL, TRICHY - 620 014   <b>R. MUHAMMAD EHSAN</b> Senior Engineer Maintenance & Services BHEL, TRICHY - 620 014.
6.	Expert from Professional Bodies	Dr.G.Lakshmi Narayanan, Associate Professor, Dept. of ECE, NIT, Trichy	 (Dr. G. Lakshmi Narayanan) <b>DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENG.</b> <b>NATIONAL INSTITUTE OF</b> <b>TIRUCHIRAPALLI - 620 015.</b>



# SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Ref: SCE/ECE/PAC meeting/Minutes/2014-2015/

20/06/2015

7.	Eminent Academician	Dr.D.Sriramkumar, Associate Professor, Department of ECE, NIT, Trichy	
8.	Student Representatives	Mr.V.Rathnaguru Mr.V.Visvesh	 
9.	Alumni	Er.G.Harikumar, Project Engineer, E-Con systems, Chennai. <a href="mailto:hari.g94@gmail.com">hari.g94@gmail.com</a> , mobile:8098484299 Er.Gopinathan Subramanian, Co Founder & CTO, Cinnovator Technologies, Trichy. <a href="mailto:gs@cinnovator.com">gs@cinnovator.com</a>	 
10.	Parents	Ms.N.Selvi, Teacher, 27, Manjanakara street, Palakarai, Trichy-1. Mobile: 9443977213  Mr. Antony.A, Senior Administrative Officer, BHEL, Trichy, Mobile: 9443115695	 

- HOD greeted the members present and delivered the welcome address.
- Principal delivered the presidential address and publicized the Vision and Mission of the Institute.



**SARANATHAN COLLEGE OF ENGINEERING**  
**TIRUCHIRAPALLI - 620 012.**  
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

Ref: SCE/ECE/PAC meeting/Minutes/2014-2015/

20/06/2015

**PROPOSED STATEMENTS OF VISION AND MISSION OF THE DEPARTMENT**

➤ **Vision**

To become a leading department of Higher Learning and a Research Center of Excellence in Electronics and Communication Engineering.

**Keywords identified in the Vision of the Department**

Leading Department of Higher Learning  
Research Center of Excellence.

➤ **Mission**

**M1:** To enable budding engineers to obtain technical exposure in various areas of Electronics and Communication Engineering.

**M2:** To nurture career improvement.

**M3:** To initiate and sustain research activities in the department in cutting edge areas of Electronics and Communication Engineering.

**M4:** To develop professional and ethical attitude in the students.

9. *[Signature]*

4. *[Signature]*

5. *[Signature]*

9. *[Signature]*

6. *[Signature]*

10. *[Signature]*

8. *[Signature]*

10. N. Selvi.

7. *[Signature]*

*[Signature]*

DEPARTMENT OF ELECTRONICS



# SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Ref: SCE/ECE/PAC meeting/Minutes/2014-2015/

20/06/2015

### PROPOSED STATEMENTS OF PROGRAM EDUCATIONAL OBJECTIVES

Program Educational Objectives (PEOs) represent qualities that the graduates of the Department of Electronics and Communication Engineering (ECE) are expected to possess after three to five years of graduation.

The Graduates of Electronics and Communication Engineering will

- PEO1: have a **strong foundation** in the required **sciences** in order to pursue studies in Electronics and Communication Engineering.
- PEO2: have a **broad exposure** to the students in various topics related to Electronics and Communication Engineering fields, to enable them to excel in their professional career /higher studies.
- PEO3: possess **innovative skills** in order to solve the technical problems which will arise in their professional life.
- PEO4: have professional and ethical attitude and an ability to visualize the engineering issues in a broader social context.

9. J. G. R.

4. H. Raman

5. A. R.

9. G. H. Raman

6. P. Raman

10. H. Raman  
10. N. Seli.

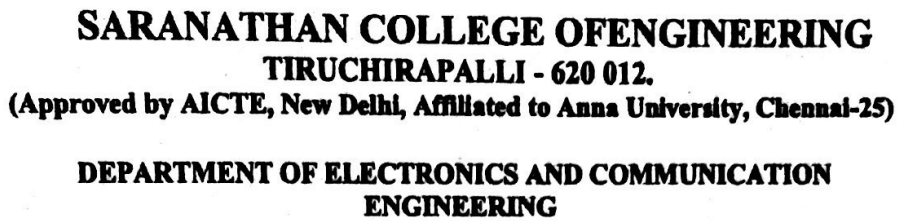
8. H. Raman

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H. Raman

DEPARTMENT OF ELECTRONICS  
AND COMMUNICATION ENGINEERING  
NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPALLI





**20/06/2015**

In order to comply with the keywords of vision and mission of the institute such as providing a holistic environment with State of the art Laboratories for facilitating career and rudimentary skills and kindling the interest in doing research to provide ethical and environmental solution to the societal problems, it is recommended to accept the provisional statements of Vision, Mission and PEOS of the department as the final version.

S. Gori

4. P. Harnow  
9. Gr. Harkman  
10. K. Harting  
10. N. Sel.

5. Ash  
6. P. Harnow  
8. L. L.  
7. J. W.  
8. M.  
Ras

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**SARANATHAN COLLEGE OF ENGINEERING**  
**TIRUCHIRAPALLI - 620 012.**  
 (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
 ENGINEERING**

Ref: SCE/ECE/PAC meeting/Mimutes/2014-2015/

20/06/2015

**Annexure -II**  
**LIST OF VALUE ADDED COURSES PLANNED**

**2015-2016**

SEM/ YEAR	SUBJECT CODE	NAME OF THE SUBJECT	REGUL ATION	COURSE INSTRUCTOR	CURRICULUM GAP IDENTIFIED	VACs OFFERED
<b>EVEN SEMESTER</b>						
III/I	EC6201	ELECTRONIC DEVICES	R2013	Dr.P.Shanmugapriya & J.Eindhumathy	Three days workshop on PCB Design in association with RAACTS, Trichy	Three days workshop on PCB Design in association with RAACTS, Trichy
IV/II	EC6401	ELECTRONIC CIRCUITS-II	R2013	Ms.A.Shamimbanu & Ms.S.Priyadharshini	Application of wave shaping circuits	Three days workshop on PCB Design in association with RAACTS, Trichy
V/III	EC6602	ANTENNA AND WAVE PROPAGATION	R2013	Dr.V.Mohan & Dr. M.Baritha begum	Computer aided design and Simulation of Microstrip Antennas	Hands on training of planar antenna using RF software tools and Fabrication of Antenna
<b>ODD SEMESTER</b>						
III/II	EC6304	ELECTRONIC CIRCUITS-I	R2013	Ms.S.Priyadharshini & Mr.Sriraman Balaji	Designing and Fabrication of circuits for real time systems	PCB Designing and Fabrication
V/III	EC6503	TRANSMISSION LINES AND WAVEGUIDES	R2013	Mr.S.Hariprasath & Dr.P.Shanmugapriya	Demonstration of microwave test bench and Design of micro strip transmission line using ADS	Hands on training of planar antenna using RF software tools and Fabrication of Antenna
VII/IV	EC2402	OPTICAL COMMUNICATION AND NETWORKS	R2008	K.Malaisamy & S.Priyadharshini	System design using Opti sim software	Guest Lecture on Nano Photonics

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 9. *[Handwritten signature]* 6. *[Handwritten signature]*  
 10. *[Handwritten signature]* 8. *[Handwritten signature]*  
 10. N. Seli. *[Handwritten signature]* 8. *[Handwritten signature]*



# SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 22.06.2018

## Minutes of the Program Advisory Committee meeting

The PAC meeting was organized by the HOD, Department of IT on 22nd June 2018 in the IT Seminar Hall at 10.30 a.m.

Members of Program Advisory Committee:

S.No	Name & Designation	Signature
1	Dr.D.Valavan Principal, Saranathan College of Engineering	
2	Dr..R.Sumathi, HOD, Dept of IT	
3	Prof. Iyer Gopal Srinivasan, Head, T & P Department	
4	Dr. R.Krishnamoorthy, Professor, Dept of CSE & IT, Anna University – BIT Campus, Tiruchirapalli.	
5	Dr. P.D. Sheeba Kezia Malarchelvi, Professor , Dept of CSE, J.J.College of Engineering & Technology, Tiruchirapalli.	
6	Mr. Manikandan Nagarajan, Program Manager, SDN/NFV, TechMahendra, Bengaluru.	
7	Mr. RamRagul Balakrishnan, Apigee Analyst, NCS, Singapore.	
8	Prof.N.Bhavani, Associate Professor, Dept of IT	
9	Ms.J.Sangeetha Priya, Asst. Professor/IT	



**SARANATHAN COLLEGE OF ENGINEERING**  
**TIRUCHIRAPALLI - 620 012.**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**

10	Mr. V.Senthil Balaji, Asst. Professor/IT	
11	Mr.V.Manoj Kumar, Asst. Professor/IT	

- ❖ The meeting started at 10.30 a.m with a welcome address by the HOD/IT.
- ❖ Principal congratulated the IT department for being provisionally accredited by NBA.
- ❖ The following points were discussed during the meeting:
  - HOD/IT conveyed the Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcome statements. She also informed about the PSOs given in Regulations 2017 Curriculum of Anna University, Chennai.
  - HOD /IT gave a brief summary about the curriculum and syllabus of Regulation 2017. She indicated the need of value added courses for the students to improve their CGPA. She also informed about the introduction of open electives to students from V semester onwards.
  - Principal insisted the staff members to submit project proposals for this academic year. He also asked them to motivate the students to participate in all coding contests and Hackathon conducted by the Industries.
  - The staff members and HOD enquired about the prospects and opportunities for internships to students. They also enquired about the skills needed for both placements and internships.
  - Mr. Manikandan emphasized the importance of AI in Industries and asked the staff members to motivate the students to do projects on IOT, Machine and Deep Learning.
  - Mr. RamRagul suggested giving training to the students on developing Mobile Apps and API Management. He also narrated his experiences in APIGEE Analytics and explained the need for SAP certification in Industries.
  - Dr.Sheba Kezia Malarchelvi suggested some ideas regarding open electives for students of Regulation 2017 curriculum.





# SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

DEPARTMENT OF INFORMATION TECHNOLOGY

- Ms.J.Sangeetha Priya pointed out that in the subject GE8151- Python Programming and Problem solving of R2017 curriculum and syllabus, the topics in the units are not appropriate and suggested that the topics may be rearranged. In this context, Principal informed that the suggestions may be referred to the Board of Studies of Faculty of Information and Communication Engineering for the Affiliated Colleges of Anna University, Chennai.
- The Internal Assessment Question Paper Pattern, QP setting according to blooms Taxonomy, Questions mapping with a corresponding Course Outcome and procedure for calculation of CO-PO/PSO were finalized.
- The strengthened attainment level of C301- Computer Networks and C405E22 – Software Testing were presented.

## Attainment of POs and PSOs:

Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C301	3	2	2	2	1	-	-	-	-	-	-	1	3	3
Attainment 2016-2017	0.33	0.22	0.22	0.22	0.11	-	-	-	-	-	-	0.11	0.33	0.33
Attainment 2017-2018	1.00	0.67	0.67	0.67	0.33	-	-	-	-	-	-	0.33	1.00	1.00

Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C405E22	3	2	2	1	2	-	-	-	1	1	1	1	2	1
Attainment 2016-2017	1.17	0.78	0.78	0.39	0.67	-	-	-	0.33	0.33	0.47	0.39	0.78	0.39
Attainment 2017-2018	1.50	1.00	1.00	0.50	1.00	-	-	-	0.53	0.56	0.47	0.50	1.00	0.50



# SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

DEPARTMENT OF INFORMATION TECHNOLOGY

- The details of curriculum gaps and the plan of actions for the academic year were discussed.

## Co Curricular Activities (CCA) plan for the Academic Year 2018-2019

### **Proposed Guidelines for the charting the co-curricular activities (CCA)**

- 1. The gaps in curriculum and the plan of actions (CCA) have been identified by the PAC.**
- 2. All the activities shall be focused on addressing the below :**
  - Impart strong foundation in basics
  - Enhance application of academic learning's to solve real time engineering problems
- 3. There shall be three categories**
  - Contest during the course of semester
  - Workshops / Guest Lectures during the course of semester
  - Workshops during the vacation
- 4. There shall be maximum of three activity in the form of contest per semester**
  - All these activity shall not be mandatory for the students, rather students shall participate based on their interest.
  - One contest shall be relevant to the curriculum of the current semester
  - Two contest shall be relevant to the curriculum of previous semesters
  - The contest shall be formulated in such a way that the students will be able to apply the learning's of their curriculum in solving the problem statements, so that they shall establish a relation between what they read
  - The contest shall be a analytical problem solving contest/coding contest/debugging contest/ Technical Quiz/ Paper Presentation/ Mini project contest.
  - Each contest should be well defined and shall have a detailed methodology in conducting as well as evaluating procedure
  - All the contest shall be submitted as a proposal to the HOD prior to the conduct of contest.
- 5. There shall be one or max of two activity in the form of workshops during the course of the semester, which shall be absolutely relevant to the subjects of the current semester, that will help strengthen the understanding of the subject**
  - All the workshops should be formulated in such a way that predominant duration of the workshop, the students work by him/herself based on some minimum instructions received from the faculty





# SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

DEPARTMENT OF INFORMATION TECHNOLOGY

6. Special / Guest Lectures may be organized for the students to gain knowledge on latest trends in the IT field.
7. Activities during the vacation shall be decided based on feasibility.

## List of curriculum Gaps identified

Curriculum Gaps Identified	Students will be able to
Inadequate exposure to C++ programming	Strengthen their coding skills and Participate in contests /mini projects using latest technologies
Practical course for C # and .NET technology is not available.	
Lack of exposure to the latest Trends in IT	
Lack of exposure to Multimedia tools	Work with all kind of tools
Lack of exposure to the Software Testing tools	
Inadequate practical exposure in hardware technologies	Improve their hardware knowledge
Lack of Personality development skills	Apply effectual communication skills and management principles for work place success

## Plan for activities for the Academic year 2018-19:

S.No	Activity	Methodology	Consequence
1	Certification Courses - MTA in DBMS and Networking	Workshop	Application of Learning's
2	Certification Courses - ICTACT Oracle Academy in DBMS and Java	Workshop	Application of Learning's
3	Infosys Campus Connect Program –	Training and	Application of Learning's



# SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

DEPARTMENT OF INFORMATION TECHNOLOGY

	FEP 4.0	Test	
4	Spoken Tutorial - "C", CPP, Java, Python, PHP & MySQL	Training and Test	Application of Learning's
5	Soft Skills	Workshop	Improving Communication skills, interpersonal skills.
6	Introduction to Latest Tools	Workshop	Exposure to latest Tools
7	Mobile Application Development	Workshop	Exposure to Mobile Software
8	Introduction to IOT	Workshop	Exposure to IOT Hardware and Software
9	Robotics	Workshop	Application of Learning's
10	Introduction to Apigee (API Management), SDN, Big Data Analytics, Machine Learning, Deep Learning	Guest Lecture	Application of Learning's
11	Coding Contest, Technical Quiz	Contest	Strengthening the Programming/ Technical skills
12	Paper Presentation	Contest	Innovation to learn new and latest concepts and Strengthening communication skills
13	Mini Project Contest	Contest	Application of Learning's

The meeting came to an end at 12.30 p.m.

HOD, Dept of IT



# SARANATHAN COLLEGE OF ENGINEERING

## TIRUCHIRAPALLI - 12

24.1.2019


Dr. D. VALAVAN M.Tech., Ph.D.  
Principal

### Suggestion on R2017 Curriculum & Syllabus of AU, Chennai

Subject: GES151 Problem Solving and Python Programming

1. Rearranging topics in the Units: One of the illustrative examples given in the first unit is Towers of Hanoi problem but the recursive topic is in Unit III. Since the first two units cover the fundamental statements in Python programming, need not give illustrative examples for the first two units. Staff members can give appropriate
2. Since Python language is an unstructured language, Structured C Programming may be included in the 1st Semester. In the second semester may have OOPS programming using JAVA and in the 4<sup>th</sup> semester python programming may be included with the advanced topics like databases with Python, Internet data handling with python and Web Programming using python etc.

R. L. M.  
H.O./IT

  
**PRINCIPAL**  
Saranathan College of Engineering  
TRICHY - 12





**SARANATHAN COLLEGE OF ENGINEERING**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

**Program Advisory Committee Meeting - III**

**AGENDA**

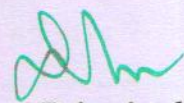
**Venue** : LH 203, Research lab /Mech

**Date:** 19.05.2017

**Time** : 10.00am

Serial Number	Proposed Events
1	Welcome address by principal
2	Dissemination of Quality Statements
3	Course committee procedure
4	Presentation on CO/PO/PSO Direct Assessment
5	Indirect Assessment Procedure approval
6	Any other Points
7	Vote of Thanks

  
**HoD/MECH**

  
**Principal**





**SARANATHAN COLLEGE OF ENGINEERING**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

**Program Advisory Committee - II**

**Academic Year : 2017-2018**

**Date: 19.05.2017**

**List of PAC members**

Serial Number	Type of Stakeholder	Stakeholder	Name and Designation
1	Internal Stakeholder	Management Representative	Dr.D.Valavan, Principal
2		Department Representative	Dr.G.Jayaprakash Professor & HOD/MECH
3		Program Coordinator	Dr.N.Baskar Professor, MECH
4		Placement coordinator	Prof. Gopal S.Iyer HOD/T&P
5		Faculty members	Mr. S.Balakrishnan AP/Mech
6			Mr. R.SureshBabu AP/Mech
7			Mrs. A.MercyVasan AP/Mech
8	External Stakeholder	Eminent Academician	Dr.S.Suresh, Assistant Professor, Dept. of Mechanical Engg, NIT,Tiruchirappalli.
9		Research Organization	Dr. I. Balasundar Scientist - F, Near net shape group, Aeronautical material division, Defence Metallurgical Research Lab Hyderabad-500058
10		Research - Industry	Mr.M. Vivekanandan Manager, Research &Development, Uttam Industries, Tiruchirappalli.
11		Industry	Dr. K. Deva Kumaran Sr.Engineer, WRI, BHEL,Trichy - 620014, Tamilnadu



12			Mr.G. AjithaPrabhu Director, KRIATEC Services (P) Ltd. Chennai.
13			Dr. K. Padmanaban, Retd. General manager, B.H.E.L, Trichy.
14		Alumni	Mr.N.Sathyanarayanan (2008-2012)
15		Parents	Mr.R.Nagarajan 5/27 A, Sai Nivas, Thiruvengada Nagar, Thiruverumbur, Trichy

### Minutes of Meeting

- ❖ Our Principal Dr.D.Valavan, welcomed the members for third PAC meeting.
- ❖ Members expressed their sense of gratitude in timely conducting the meeting and the efforts towards Outcome Based Education.
- ❖ He explained the change in NBA accreditation pattern i.e. provisional accreditation period is increased from 2 years to 3 years.
- ❖ He also stated that our department is not eligible for one year extension, since we were not accredited with OBE concept.
- ❖ Hence, management has applied with new Pre qualifier on 27.03.2017 with application no 2314.
- ❖ HOD addressed the members by welcoming them. As per PAC II decision, Mr.A.Saravanan AP/Mech has been assigned to collect the CO/PO/PSO calculation and attainment.
- ❖ He elaborated to the members, regarding the dissemination of quality statements by the following means.
  1. Institute Website / Department Homepage
  2. Displays in
    - a. HOD cabin
    - b. Laboratory
    - c. Classrooms
    - d. Faulty cabins



- e. Tutorial hall
- f. Seminar Hall

- 3. Course file
- 4. Faculty log book
- 5. Students record note books
- 6. Sara Portal

- ❖ Program Coordinator explained the anomalies occurring among faculty members handling same courses for different sections. He proposed the concept of course coordinator committee (CCC) meeting for such faculty members during starting of the semester itself.
- ❖ For effective functioning Streams Heads were appointed with the approval of the PAC members.
  - 1. Design - Dr.G.Jayaprakash (Professor – Mech)
  - 2. Manufacturing - Dr.N.Baskar (Professor – Mech)
  - 3. Thermal - Mrs.A.Mercy Vasan (Assistant Professor – Mech)
  - 4. Management -Dr.M.R.Anantha padmanaban (Associate Professor – Mech)
- ❖ This CCC meeting will be convened among the faculty members handling same subjects in different sections, Stream and HOD. One of the faculty members will be made as the course coordinator by the HOD.
- ❖ The team shall debate on the CO statements and CO/PO/PSO mapping rationale and finalize the same. The procedure to carry the course and the pattern of covering the syllabus.
- ❖ The modified question paper pattern and answer booklet as specified by the Institute QAC is shown to the members. Members appreciated this noble cause.



**Saranathan College of Engineering**  
Tiruchirapalli

Internal Assessment Test - I		Date/Session	mm.dd.17 / FN	Marks	50
Course code	ME6703	Course Title	Computer Integrated Manufacturing Systems		
Batch	2014 - 2018	Duration	90 mins	Academic Year	2017 - 2018
Year	IV	Semester/Section	VII / A & B	Department	Mechanical

**Part - A**

(Answer all the questions 10 x 2 = 20marks)

Q. No.	Questions	CO	Skills
1	Write the 4 elements of Automation	C403.1	R
2	Define Concurrent Engineering.	C403.1	U
3	Write the 5 levels of Automation.	C403.1	U
4	Write the 4 principles of lean Production.	C403.1	U
5	Define JIT.	C403.1	U
6	Define Process Planning.	C403.2	R
7	Write the 2 types of CAPP.	C403.2	R
8	Define Bill of materials.	C403.2	U
9	What is meant by Variant CAPP?	C403.2	R
10	Define Production Planning and Control.	C403.2	R

**Part - B**

(Answer all the questions 3 x 10 = 30marks)

Q. No.	Questions	CO	Skills
11	Enumerate the role of CAD and CAM in CIM environment.	C403.1	R
	Or		
12	Brief the computerized elements of a CIM system.	C403.1	R
13	Explain the waste as laid by Lean manufacturing Principles.	C403.1	U
	Or		
14	Explain Production rate and Production Capacity with formulas.	C403.1	U
	14 b		
15	Explain the activities of Production Planning and Control in an industry.	C403.2	R
	Or		
16	Explain CAPP and its types with a flow chart.	C403.2	U

*Bloom's Skills: Remember (R), Understand (U), Apply (A), Analyze (AZ), Evaluate (E) and Create (C). Skill need to be mentioned against each question*

- ❖ The Procedure to calculate the attainment of CO/PO/PSO was explained by Mr. A.Saravanan using MS Excel spreadsheet.
- ❖ The attainment is done by the process flow chart.
- ❖ Members approved the MS Excel demonstration through Direct Assessment.
- ❖ For Indirect assessment the members suggested to survey the stakeholders after a small dwell period. They also instructed to survey them during their graduation day, which might be held after 4 months of course completion (approximately).





# SARANATHAN COLLEGE OF ENGINEERING

Tiruchirapalli - 620 012

## ANSWER BOOK

Name				Year / Semester / Section	
Batch No.		Date / Session		Department	
Course Code	Course Title				
Internal Assessment Test	I <input type="checkbox"/>	II <input type="checkbox"/>	III <input type="checkbox"/>	Model <input type="checkbox"/>	No. of pages used :
Name and Signature of the Invigilator with date					

### INSTRUCTIONS TO THE CANDIDATES :-

1. Answers for Part-A must be written in pages 2-6. Answers for Part-B must be written from page 7 onwards.
2. Write your Batch Number in the Question Paper.
3. Use both sides of the paper for answering questions.
4. The answer book contains sufficient pages and no additional sheets will be given.
5. Possession of any incriminating material and malpractice of any nature shall be punishable as per rules.
6. Answer must be legibly written in pen (blue or black colour)

Instruction to the student : Put tick mark to the question attended in the column against question.

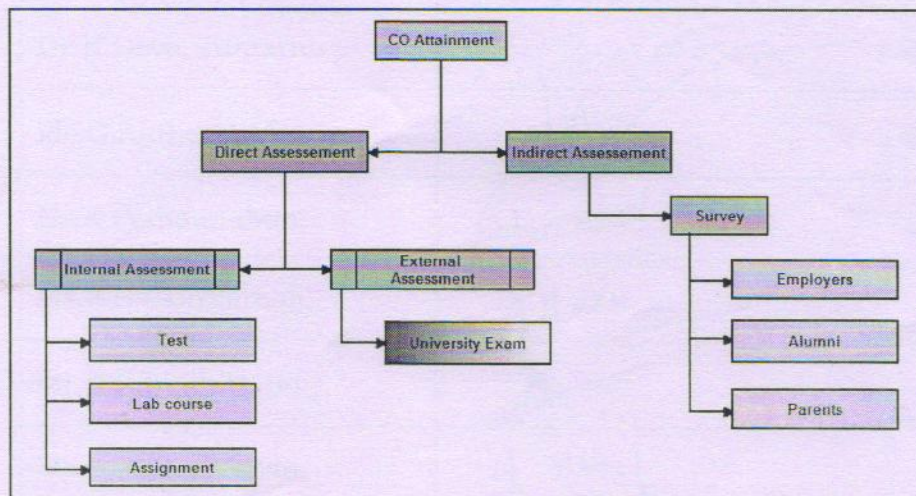
Part A			Part B / C				Total Marks
Q. NO.	✓	Marks	Q. NO.	✓	(a) Marks	(b) Marks	
1			11				
2			12				
3			13				
4			14				
5			15				
6			16				
7							Total
8							
9							
10							
Total			Grand Total				Name and Signature of the Examiner with date

To be filled by the examiner

Course Outcomes	1	2	3	4	5	6	Total
Marks allotted							
Marks Obtained							

QAC Audit - Remarks

Name and Signature of the QAC member



*N. B. G.*  
Program Coordinator

*CH*  
HOD/MECH

*Principal*  
Principal





**SARANATHAN COLLEGE OF ENGINEERING**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

**Attendance sheet for Program Advisory Committee meeting -III**

Date : 19/05/2017

Venue: Research Lab/ MECH

Time : 10:30 a.m

S.No	PAC Members	Signature
1	Dr.D.Valavan	
2	Dr.G.Jayaprakash	
3	Dr.N.Baskar	
4	Prof. Gopal.S.Iyer	
5	Dr.S.Suresh	
6	Dr.I.Balasundar	
7	Dr.M.Vivekanandan	
8	Dr.K.Deva Kumaran	
9	Mr.G.AjithaPrabhu	
10	Dr.K.Padmanaban	
11	Mr.S.Balakrishnan	
12	Mr.R.Suresh Babu	
13	Ms.A.Mercy Vasan	
14	Mr.N.Sathyanarayanan	
15	Mr.R.Nagarajan	





# SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620012

## DEPARTMENT OF TRAINING AND PLACEMENT

### PARENTS - PO / PSO EVALUATION FORM THROUGH SURVEY

1. Department in which your ward studied: **Department of Mechanical Engineering**

2. Parent name : \_\_\_\_\_

3. Mobile number : \_\_\_\_\_

4. Email ID : \_\_\_\_\_

5. Address : \_\_\_\_\_

6. Name & Year of Passing of your ward : \_\_\_\_\_

(Dear Stakeholder, kindly go through the Survey form for Program Outcome (PO) evaluation for NBA purpose - Tick whichever is applicable High (3marks), Medium (2marks), and Low (1mark)).

Sl. NO.	Program Outcome Description	Marks		
		High	Medium	Low
1	<b>PO1.</b> An ability to apply knowledge of mathematics and engineering fundamentals to solve problems.			
2	<b>PO2.</b> An ability to identify and analyze complex engineering problems.			
3	<b>PO3.</b> An ability to design system with due concern for public health, safety, societal and Environmental issues.			
4	<b>PO4.</b> An ability to use design of experiments, data analysis and synthesis of information in order to provide valid conclusions.			
5	<b>PO5.</b> An ability to apply the knowledge of the modern techniques like CAD, CAE etc to practical Problems.			
6	<b>PO6.</b> An ability to apply knowledge to assess societal, health, safety and cultural issues relevant to the professional Engineering practice.			
7	<b>PO7.</b> An ability to understand the effect of professional engineering solutions in societal and environmental context for sustainable development.			
8	<b>PO8.</b> An ability to apply ethical principles and comply with professional ethics and responsibilities.			
9	<b>PO9.</b> An ability to function as an individual, a team member or leader in diverse teams.			



10	<b>P10.</b> An ability to communicate effectively with the team members, engineering community and society by means of reports, design documentations, presentations, etc.,	High	Medium	Low
11	<b>PO11.</b> An ability to apply the knowledge of Engineering and Management principles in project management.	High	Medium	Low
12	<b>PO12.</b> An ability to engage in independent and lifelong learning in the broadest context of technological change.	High	Medium	Low

(Dear Stakeholder, kindly go through the Survey form for Program Specific Outcomes (PSO) evaluation for NBA purpose - Tick for the department which is applicable for you: High (3marks), Medium (2marks), Low (1mark)).

Sl. NO.	Program Specific Outcome – Mechanical Engineering	Marks		
1	<b>PSO1.</b> Apply Engineering knowledge to develop machines, equipment, process and systems for benefit of society and self.	High	Medium	Low
2	<b>PSO2.</b> Develop job ready, billable, employable professionals familiar with best practices of industries.	High	Medium	Low
3	<b>PSO3.</b> Apply their acquired knowledge in domain of applied mechanics, thermal and fluid sciences to solve engineering problems utilising latest tools.	High	Medium	Low

Parent Signature with date

For College Use only

Program Outcomes (PO) Evaluation summary											
PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Program Specific Outcomes (PSO) Evaluation summary											
PO1	PO2	PO3									





# SARANATHAN COLLEGE OF ENGINEERING

(Affiliated to Anna University Chennai)

Panjappur, Tiruchirapalli-620 012

## DEPARTMENT OF MANAGEMENT STUDIES

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Date: 18.09.2018

### CIRCULAR

Programme Advisory Committee meeting for the academic year 2018-2019 is planned on 28.09.2018 at MBA seminar hall by 6.30 PM. During this meet, the committee will look over the Vision, Mission statements of the department and consequently scrutinize the operations of the department for continuous augmentation. And also, the academic and placement activities of the forth coming semester will be discussed.

Hereby PAC Members are invited and requested to be present at the meeting.

Copy to:

1. Principal
2. All PAC Members

HoD-MBA

K. C. Aravind  
18/9/18



**SARANATHAN COLLEGE OF ENGINEERING**  
**DEPARTMENT OF MANGEMENT STUDIES**  
**PROGRAMME ADVISORY COMMITTEE**

**MINUTES OF THE MEETING**

**28/9/2018**

**VISION**


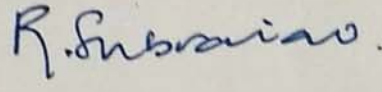
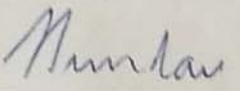
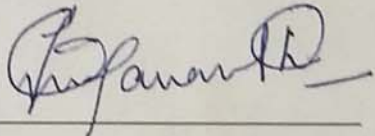
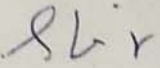
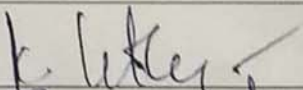
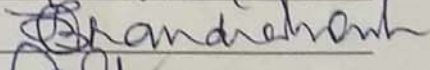

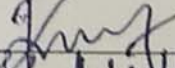
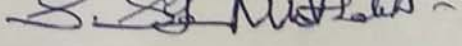

To Mould the college in to a Top Class National/International Centre of advanced Learning, Technology & Research and Enhance National Human Resource and Its Power.

**MISSION**

To achieve excellence in business education, by adapting to the needs and challenges of dynamic and globally competitive business environment.

S NO	POINTS DISCUSSED	REMARKS
1	Apart from the regular academic sessions, soft skills and aptitude training may be incorporated in the time table itself.	
2	Both In house and external training may be arranged for students to cater the expectations of industry.	
3	Workshops related to Online interview, telephonic interview need to be given priority to enhance the student's skills and avoiding fear.	
4	Students can be encouraged to present research papers in international forums to boost their research skills.	
5	Presently students are attending many pooled drives for placements. Efforts may be taken to conduct exclusive drives in the campus of Saranathan College of Engineering.	

The Following are the members attended the meeting on 28/09/2018

S.No	Name	Designation	Signature
1.	Dr. D. Valavan	Principal	
2.	Prof R.Subramanian , Associate Professor , Bharathidasan Institute of Management.(BIM) ,Trichy Fellow Member of Cost and Management Accountant	Member from Academic Institute	
3.	Dr.S.Sundar –Corporate Trainer & Management Consultant, Trichy	Member from Industry	
4.	Mr.S.Gugananthan, Assistant Product Manager EY Global Business Services ,Banglore	Member - Alumni	
5.	Mr.Krishna Kumar.S F/o AK.Sruthi-I MBA	Member - Parent	
6.	Dr.K.Karthikeyan –Dept of Management ,SCE	HoD	
7.	Mr.B.S Chandramouli-Professor	Faculty	
8.	Dr.V.Mahalakshmi-Assistant Professor	Faculty	
9.	Dr.J.Rajesh-Assistant Professor	Faculty	
10.	Mr.S.Syed Muthaliff –Assistant Professor	Faculty	
11.	Mr.K.Arun Prasad –Assistant Professor	Faculty	
12.	R.Murali–Assistant Professor	Faculty	