

ACADEMIC YEAR : 2018-19

DETAILS OF PAC MEETING



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/Circular/ 2019

Date: 20. 05. 2019

CIRCULAR

Dear Sir / Madam,

The fifth meeting of the Program Advisory Committee (PAC) of Department of EEE, Saranathan College of Engineering, Trichy is scheduled on 27th May 2019, at 10 AM in EEE seminar hall. The agenda of the meeting is detailed herewith. You are therefore requested to kindly make it convenient to attend the meeting.

Agenda for PAC meeting

1. Compliance status and confirmation of the minutes of 4th program advisory committee Meeting
2. Review CO, PO, and PSO assessment and recommend actions based upon the findings.
3. Process to be adopted for preparation of students meeting the future (industrial demand) job market.
4. Identifying the gap in curriculum addressing industry needs and ways to bridge the same.
5. Improve the instructor's (teacher's) competencies to industry standards
6. Recommendation of equipment, supplies or the development of simulated work environments
7. Work-based learning.
8. Review of existing equipment, facilities, resources and its utilization.
9. Review of courses of study and standards of proficiency in the areas which are essential to march in a successful career path.
10. To review the status of research projects sponsored by Government or Non-Government Agencies
11. To review the status of internal resource generation.
12. To review the alumni engagements and enhancement of alumni interaction.
13. Any other item with the permission of the Chair.

Thanks & Regards,

Dr. C. Krishnakumar,

HoD/EEE

CC:

1. All members of program advisory committee(PAC)
2. To PAC file



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/ 2019

Date: 27. 05. 2019

MINUTES OF THE 5th PAC MEETING

Date: 27th May 2019

Time: 10.00 AM

Venue: EEE Seminar Hall-KS Block, SCE

Facilitator: Dr. C. Krishnakumar, HoD/EEE

List of PAC Members

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.M Chandrakishore – II Year 2. Ms. K DevaPriya – II 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. K. Sadiq Basha No 56 Samaspiran Street, Trichy- 7803. 2. Mr. Muruganadam R No. 17 a, Micheal Pillai Street, Palakarai, Trichy-62001.
10		Eminent Academician	Dr.M.Premalatha, Assistant Professor, Energy and Environment (CEESAT) NIT Trichy, Tamil Nadu - 620015.

Dr. C.Krishnakumar HoD/EEE, greeted and welcomed the PAC Members for the fifth meeting, and shared his happiness in achieving NBA accreditation for the Department of EEE for next three years. He thanked the members of the PAC for their support. Further, he recollected the POs, PSOs, PEOs of the department and also elaborately mentioned the progress attained by the department.

Dr. D.Valavan, Principal, SCE shared his views in achieving NBA for all six eligible under graduate programmes at a time. He also expressed his interest to obtain the autonomous status for the institution. The PAC members are requested to consider all aspects of the departmental activities and achievements and to guide the department to march towards its next level. Additionally, PAC may fix some targets for the department to achieve within the next meet.

1. The minutes of the fourth meeting of PAC were confirmed.

Minutes of the discussion on the agenda items of the fifth meeting of the PAC are:

2. **Review CO- PO - PSO assessment and recommend actions based upon the findings.**
 - The CO, PO and PSO attainment for the 2014-2018 batch graduates were projected with the process of evaluating the CO, PO, and PSO attainment.
 - Since the student's mind is getting diverted due to excess usage of electronic gadgets and social media, it was recommended to change the teaching methodology to enhance the level of learning and hence the target of CO, PO, and PSO can be achieved.
3. **Process to be adopted for preparation of students meeting the future (industrial demand) job market.**
 - Er.R.Murali, (Industry Expert, Managing Director, Madras Switch Gears Private Limited,) proposed that the faculty members must understand the job market to nurture the students as industry ready. He also said that the specialized trainings given to the faculty members may also help them to understand the need of industries. He asked the department to offer some carrier guidance sessions to make the students aware of job market.
4. **Identifying the gap in curriculum addressing industry needs and ways to bridge the same**
 - Er.A.G.Balaji Ponnambalam, (Alumni) Systems Engineer, Infosys, Bangalore expressed that the curriculum covers only the basics of the engineering, so he suggested to conduct an eye opening session on the latest technological advancements in all the subjects.

- Further, Ms K. Devapriya, Internal stakeholder, requested the department to organize some eye opening events such as workshops, seminars, and hands on training or talks by experts from industry.
- Mr. M.Chandrakishore, Internal stakeholder, asked to include a doubt clearing session for every course apart from the tutorial classes which are mainly focusing on problem solving only.

5. Improve the instructors (teachers) competencies to industry standards

- Professional development of a teacher is a continuous and lifelong process of learning. Teacher's learning is nothing but imparting and implementing the acquired knowledge.
- The PAC members suggested the faculty members to participate in various faculty development programmes to upgrade their technical skill in recent technologies. The PAC also asserted to share the newly learned topics/software among their colleagues and their students.

6. Recommendation of equipment, supplies or the development of simulated work environments

- The PAC requested to provide a spacious library in which all available study material must be displayed with a proper/specific label in the department library for clear visibility and also suggested to provide some seating arrangements to the students to take notes.

7. Work-based learning.

- Er.R.Shantha Devi, (Alumni) Hardware Project Engineer, initiated a discussion on simulated work-based learning (WBL) through which the students are able to obtain realistic workplace experiences by applying their academic and technical skills.
- Dr.S.Venkatanarayanan, IEEE Senior member, included that the work based learning include sites utilizing simulation tools to teach specific skills or tasks associated with a given job; simulated workplaces to replicate a range of workplace expectations and behaviours; or college-based enterprises that offer students holistic experience in running an actual business in a given industry.
- Dr.M.Premalatha, Assistant Professor, Eminent Academician, also joined with the above two to convey that the WBL facilitates an opportunity for experiential learning to the students to learn and practice their skills within a protected environment.

8. Review existing equipment, facilities, resources and its utilization.

- Members of PAC happily recollected the protection switch gear lab utilized for experimental learning for the protection switch gear course for all final year students

and asked to continue this experimental learning. Further the PAC asked to conduct switch gear training sessions for nearby institutions at reasonable fee so that it can generate some revenue. The PAC also insisted to apply for Modernization and Removal of Obsolescence (MODROBS) to upgrade the laboratories to advanced research activities.

9. Review courses of study and standards of proficiency in areas which are essential to becoming successfully employed in a career path.

- Er.R.Murali, Managing Director, Madras Switch Gears Private Limited, suggested to offer some important professional courses in addition to the regular technical courses. He added further to conduct professional workshops to develop the skills required to improve employability. He also suggested to start a dedicated career guidance cell in the department to strengthen and enhance placement training sessions.

10. To review the status of Research Projects sponsored by Government / Non-Government Agencies and suggest steps for enhancement of grants.

- Research Organization member of PAC, Er.V.Kaviraj, Assistant Manager, Research & Development, Brakes India Private Limited, Chennai insisted the faculty who have completed their Doctoral degree to apply for guideship and to approach the funding agencies which may be either Government or Non-Government Agencies for funded research and grants for STTP, FDP, Workshop etc.
- Further he added, to increase faculty research publication numbers at least one per semester.

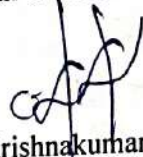
11. To review the status of Internal Resource Generation.

- PAC recommended the Department of Electrical and Electronics Engineering may make necessary arrangements to conduct faculty development programmes (FDP) and Short Term Training Programmes (STTP). It is also suggested that the department may offer consultancy services, like, energy auditing, testing commissioning, etc.. The planning and route map to flourish towards 'Corporate Trainings' and 'Consultancy services' are to be prepared and submitted to the PAC for consideration in its next meetings.

12. To review the Alumni Engagements and enhancement of alumni interaction.

- The report to be submitted to the PAC members for approval to conduct the alumni meeting and suggestions on the same. It is shared that the alumni meeting may help to debate and discussion over the existing problems in the department and to reach the possible solutions to eradicate the identified.

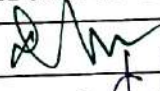
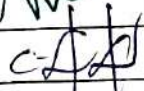
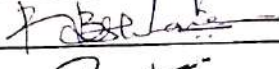
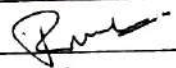
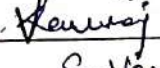
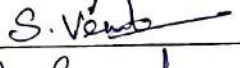
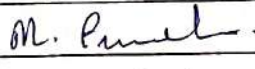
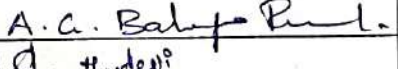
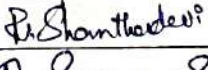
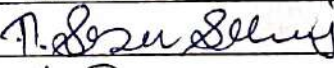
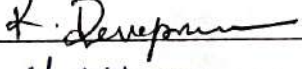
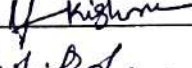
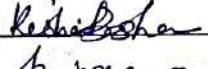
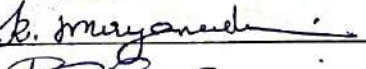


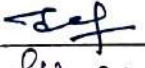
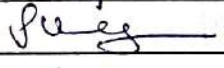
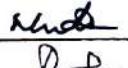



As there was no other item placed before the Chair. The meeting ended with a vote of Thanks.


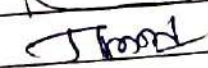

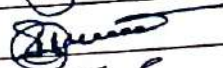
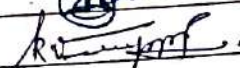

Dr. C. Krishnakumar
HoD/ EEE

CC:

- All Members of PAC;
- All Faculty and Staff of the college;
- PAC File.

ATTENDANCE

SL.NO	NAME OF THE MEMBER	SIGNATURE OF THE MEMBER
1	Dr. D. VALAVAN	
2	Dr. C. KRISHNAKUMAR.	
3	R. Balasubramanian	
4	Ex. R. Murali	
5	Ex. V. KAVIRAJ	
6	Dr. S. Venkatesh Narayanan.	
7	Dr. M. PREMALATHA.	
8	Ex. A. G. Balaji Ponnambalam	
9	Ex. R. Shanthi Devi	
10	T. SESU SELVARAT.	
11	K. Deepthiya	
12	M. Chandira Kishore	
13	K. SADIQA BASHA	
14	R. MURUGANANALAM.	
15	R. SATHEESH	
16	R. Vijay	
17	P. RAM PRAKASH	
18	Dr. S. USHAYALAKSHMI	
19	Dr. H. V. SUGAN LADEN	
20	A. R. Danila Shisly	
21	N. GAYATHRI	
22	S. Ram Prasaath	

23.	R. SRIDHAR.	
24.	P. RAMESH BABU	
25	P. J. ARUN Kumar	
26	K. RATKUMAR	
27.	VENUGOPAL R.	



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Ref: SCE / EEE / PAC/ Compliance report/2019

30.04.2019

Compliance report for the academic year 2018-2019 are listed below

Events conducted by the Department of EEE in the academic year 2018-2019.

1. Two day Workshop on Design and Micro Grid and Grid Integration Issues of Distributed Generation 6th Mar 2019
2. Hands on training for repair and maintenance of home appliances and programming on Arduino on 4th and 5th February 2019
3. Guest Lecture on Protection and Automation 21 Dec 2018
4. NI LabVIEW Core 2 crash course from 18-12-2018 to 22-12-2018
5. Embedded Applications on Arduino 7th Aug 2018
6. EEE Association inaugural function on 01-AUG-2018

Funded research activities carried out during 2018-2019

Project Title	Funding Agency	Amount	Durati on
Vulcopter	Texas Instruments Innovation Challenge India Design Contest 2018	1600*70=1,1 2,000/-	1 year
Low Cost Performance Analyzer of DC And Single Phase AC Electrical Machines			
Digital Wireless Energy Meter			
Air Pollution Control And Traffic Management Drone For Smart City Application(APCTMD)			

A Novel Contemporary Approach for Rural Development to Facilitate Enhanced Resource Management and Yield – Smart Farmer.	Texas Instruments Innovation Challenge India Design Contest 2018	1600*70=1,12,000/-	1 year
Agribot-Farmers Friend			
THIRD EYE-Low Cost Smart Cane For Visually Impaired Using MSP432P401R			
Smart Embedded Controller Based Wind Emulator For R & D And Academic Laboratories			

Workshops, Extra and Co- Curricular activities of the EEE students in the academic year 2018 - 2019

CO- CURRICULAR ACTIVITIES			
S.No	Student Name	Event Name	College Name
1	SOUNDHARYA.S - EEE	ALCONESY 2K18	ALCONESY 2K18
2	MAHALAKSHMI C - EEE	TEK CLUSTER 18	TEK CLUSTER 18
3	PRINCY SMITHA G - EEE	TEK CLUSTER 18	TEK CLUSTER 18
4	VALLIAMMAI S - EEE	ALCONESY 2K18	ALCONESY 2K18
5	NIRUBHANJALI.R.V - EEE	ALCONESY 2K18	ALCONESY 2K18
6	SUDHARSON.N.A. - EEE	Project Expo TECHETHRA18	Project Expo TECHETHRA18

7	PRADEEPA.L - EEE	TEK CLUSTER 18	TEK CLUSTER 18
8	VALLIAMMAI.S - EEE	TEK CLUSTER 18	TEK CLUSTER 18
9	SOUNDHARYA.S - EEE	TEK CLUSTER 18	TEK CLUSTER 18
10	SHREE HAARRINI.S - EEE	TEK CLUSTER 18	TEK CLUSTER 18
11	SOPHIYA JOSEPHINE.A - EEE	TEK CLUSTER 18	TEK CLUSTER 18
12	SURUTHI.J.S - EEE	TEK CLUSTER 18	TEK CLUSTER 18
13	NETHRA.M - EEE	TEK CLUSTER 18	TEK CLUSTER 18
14	NIRUBHANJALI.R.V - EEE	TEK CLUSTER 18	TEK CLUSTER 18
15	LEO ALDRINRAJ.A.S - EEE	IEEE sponsored Technical Symposium KRYPTO-18	IEEE Sponsored Technical Symposium KRYPTO-18
16	PRINCY SMITHA G - EEE	IEEE sponsored Technical Symposium KRYPTO-18	IEEE Sponsored Technical Symposium KRYPTO-18
17	MAHALAKSHMI C - EEE	IEEE sponsored Technical Symposium KRYPTO-18	IEEE Sponsored Technical Symposium KRYPTO-18
18	BOOPATHI NAVANEETHAN S - EEE	IEEE sponsored Technical Symposium KRYPTO-18	IEEE Sponsored Technical Symposium KRYPTO-18
19	AJITH ARUMUGAM.A - EEE	IEEE sponsored Technical Symposium KRYPTO-18	IEEE Sponsored Technical Symposium KRYPTO-18
20	JANANI M - EEE	TEK CLUSTER 18	TEK CLUSTER 18

21	ABINAYA L - EEE	TEK CLUSTER 18	TEK CLUSTER 18
22	KEERTHI MALINI S - EEE	IEEE sponsored 3rd International Conference on Engineering & Technology 2018	IEEE Sponsored 3rd International Conference On Engineering & Technology 2018
23	ABHIRAMI V - EEE	IEEE sponsored 3rd International Conference on Engineering & Technology 2018	IEEE Sponsored 3rd International Conference On Engineering & Technology 2018

EXTRA CURRICULAR ACTIVITIES			
S.No	Student Name	Event Name	College Name
1	Merlin Antonita. X - EEE	IEEE sponsored Technical Symposium KRYPTO-18	K.Ramakrishnan College of Engineering
2	Barjana Begum S - EEE	IEEE sponsored Technical Symposium KRYPTO-18	K.Ramakrishnan College of Engineering
3	Nirubhanjali.R.V Nethra. M - EEE	TEK CLUSTER 18 ? Circuit Debugging	Kongunadu College of Engineering and Technology
4	Ajith Arumugam.A Boopathi-Navaneethan. S - EEE	IEEE sponsored Technical Symposium KRYPTO-18 ? BREAK FOR BAIL	K.Ramakrishnan College of Engineering
5	Sharvin J - EEE	Student Engineering Model Competition	Indian International Science Festival (Indira Gandhi Pratishthan), Lucknow

6	Pradeep A - EEE	Student Engineering Model Competition	Indian International Science Festival (Indira Gandhi Pratishthan), Lucknow
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WORKSHOP DETAILS

S.No	Student Name	Event Name	College Name	Prize
1	Abarna R - EEE	IMPACT	Saranathan College of Engineering	Participated
2	Devapriya K - EEE	IMPACT	Saranathan College of Engineering	Participated
3	Sriram G - EEE	Entrepreneurship Awareness Camp	Saranathan College of Engineering, Sponsored By National Science and Technology Entrepreneurship Development Board (NSTEDB), DST	Participated
4	Vignesh S - EEE	Entrepreneurship Awareness Camp	Saranathan College of Engineering, Sponsored By National Science and Technology Entrepreneurship Development Board (NSTEDB), DST	Participated
5	Mohamed NasrullahN - EEE	Entrepreneurship Awareness Camp	Saranathan College of Engineering, Sponsored By National Science and Technology Entrepreneurship Development Board (NSTEDB), DST	Participated

6	Swetha R - EEE	Proteus software for power converter, controllers and embedded system design	K.Ramakrishnan College of Technology	Participated
7	Theresa Mettilda S - EEE	Proteus software for power converter, controllers and embedded system design	K.Ramakrishnan College of Technology	Participated
8	Shahanaz Mariyam M - EEE	Proteus software for power converter, controllers and embedded system design	K.Ramakrishnan College of Technology	Participated
9	Subashree B - EEE	Proteus software for power converter, controllers and embedded system design	K.Ramakrishnan College of Technology	Participated
10	Yuvasri M - EEE	Proteus software for power converter, controllers and embedded system design	K.Ramakrishnan College of Technology	Participated
11	Suganya N - EEE	Proteus software for power converter, controllers and embedded system design	K.Ramakrishnan College of Technology	Participated
12	Pragatheeswari G - EEE	Proteus software for power converter, controllers and embedded system design	K.Ramakrishnan College of Technology	Participated
13	Hemadharshini G V - EEE	Industrial Energy Audit and Design of Solar Power Plant	K.Ramakrishnan College of Technology	Participated

14	Valliammai S - EEE	Industrial Energy Audit and Design of Solar Power Plant	K.Ramakrishnan College of Technology	Participated
15	Suruthi.J.S - EEE	Industrial Energy Audit and Design of Solar Power Plant	K.Ramakrishnan College of Technology	Participated
16	Soundharya. S - EEE	Industrial Energy Audit and Design of Solar Power Plant	K.Ramakrishnan College of Technology	Participated
17	Nirubhanjali.R.V - EEE	Industrial Energy Audit and Design of Solar Power Plant	K.Ramakrishnan College of Technology	Participated





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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Ref: SCE / EEE / PAC/Dept. Meeting /2019

24.04.2019

Circular

The EEE Department Faculty meeting is scheduled on 30.04.2019 (TUESDAY) at 12.45 PM in the EEE Computing Laboratory to discuss the following agenda.

1. To discuss the progress made by the department in last 12 months.
2. To freeze the agenda for the PAC meeting 2019.
3. To freeze the date of PAC .meeting 2019.
4. Any other PAC relevant items.


HoD/EEE

Copy to

The Principal
For Faculty Circulation
PAC file



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Ref: SCE / EEE / PAC/Dept. Meeting/ Minutes/2019

30.04.2019

Date: 30th April 2019

Time: 12.45 PM

Venue: EEE Computing Laboratory -KS Block, SCE

Facilitator: Dr. C. Krishnakumar, HoD/EEE

Subject/Theme: Minutes of Department Faculty Meeting

Dr. C. Krishnakumar, HoD/EEE greeted and welcomed the faculties of the department and made a note to the gathering on the Vision, Mission, PO, PSO, and PEO of the EEE department.

Minutes of the discussion of the agenda items as follows

1. To discuss the progress made by the department in last 12 months.

Refer: Department Compliance report (PAC file) for the progress made by the department in last twelve months

2. To freeze the agenda for the PAC meeting 2018.

As conclusion the following items are proposed by faculties of EEE as agenda of PAC meeting 2019:

1. Compliance status and confirmation of the minutes of 4th program advisory committee Meeting
2. Review CO- PO - PSO assessment and recommend actions based upon the findings.
3. Process to be adopted for preparation of students meeting the future (industrial demand) job market.
4. Identifying the gap in curriculum addressing industry needs and ways to bridge the same
5. Improve the instructors (teachers) competencies to industry standards
6. recommendation of equipment, supplies or the development of simulated work environments
7. Work-based learning.
8. Review existing equipment, facilities, resources and its utilization.
9. Review courses of study and standards of proficiency in areas which are essential to becoming successfully employed in a career path.

10. To review the status of Research Projects sponsored by Government / Non-Government Agencies and suggest steps for enhancement of grants.
11. To review the status of Internal Resource Generation.
12. To review the Alumni Engagements and enhancement of alumni interaction.
13. Any other item with the permission of the Chair.

3. To freeze the date of PAC meeting 2018.

The 5th Meeting of the Program Advisory Committee shall be conducted on 27th May 2019, at 10 AM, EEE Seminar Hall-KS Block, SCE as discussed and suggested by all faculties.

4. Any other PAC relevant items.

As no other item proposed by Department faculty members. The meeting ended with thanks note.


HoD/EEE

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ACADEMIC YEAR : 2020-21

DETAILS OF PAC MEETING



SARANATHAN COLLEGE OF ENGINEERING

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Ref: SCE/EEE/PAC Meeting/Circular/ 2020

Date: 17. 05. 2021

CIRCULAR

Dear Sir / Madam,

The sixth meeting of the Program Advisory Committee (PAC) of Department of EEE, Saranathan College of Engineering, Trichy is scheduled on 28th May 2021, at 10 AM in EEE Seminar hall. The agenda of the meeting is detailed herewith. You are therefore requested to kindly make it convenient to attend the meeting.

Agenda for PAC meeting

1. Compliance status and confirmation of the minutes of 4th program advisory committee Meeting
2. Review CO, PO, and PSO assessment and recommend actions based upon the findings.
3. The safety measures to be taken as the academic institution.
4. How grow institution academically through online mode.
5. Need of change in teaching methodology.
6. Preparing students as industry ready engineers.
7. Identifying the gap in curriculum addressing industry needs and ways to bridge the same.
8. Recommendation of equipment, supplies or the development of simulated work environments
9. Review of existing equipment, facilities, resources and its utilization.
10. Review of courses of study and standards of proficiency in the areas which are essential to march in a successful career path.
11. To review the status of research projects sponsored by Government or Non-Government Agencies
12. To review the status of internal resource generation.
13. To review the alumni engagements and enhancement of alumni interaction.
14. Any other item with the permission of the Chair.

Thanks & Regards,

Dr. C. Krishnakumar,

HoD/EEE

CC:

1. All members of program advisory committee(PAC)
2. To PAC file



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/ 2021

Date: 28. 05. 2021

MINUTES OF THE 5th PAC MEETING

Date: 28th May 2021

Time: 10.00 AM

Venue: EEE Seminar Hall-KS Block, SCE

Facilitator: Dr. C. Krishnakumar, HoD/EEE

List of PAC Members

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. Ms . S. Chandrika II EEE 2. Mr S Karthikeyan II EEE
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. K. Sadiq Basha No 56 Samaspiran Street, Trichy- 7803. 2. Mr. Muruganadam R No. 17 a, Micheal Pillai Street, Palakarai, Trichy-62001.
10		Eminent Academician	Dr.M.Premalatha, Assistant Professor, Energy and Environment (CEESAT) NIT Trichy, Tamil Nadu - 620015.

Dr. C.Krishnakumar HoD/EEE welcomed the PAC Members for the sixth meeting and greeted, and shared his happiness in achieving NBA accreditation for the Department of EEE for next three years. He thanked the members of the PAC for their support. Further, he recollected the POs, PSOs, PEOs of the department and also elaborately mentioned the progress attained by the department.

Dr. D.Valavan, Principal, greeted the members PAC and shared his happiness in achieving **A+ grade** in the recent **NAAC assessment** by scoring 3.27 points on a scale of 4. A three-member peer team including a chairman, member secretary and a member for qualitative assessment visited the college on **April 8-9, 2021**. The assessment of the peer team constitutes 30% of the total assessment process of NAAC. Rest of the 70% depends on the 110-page detailed self-study report submitted by the institution followed by peer team visit for qualitative assessment. While the institution is evaluated on seven major parameters, SCE secured well in terms of curricular aspects besides infrastructure and learning resources. The whole accreditation process was challenging considering the high standards of the assessment process. We are satisfied with the outcome even though we believe that we are capable of getting an even higher score. The NAAC accreditation will help the institution to get autonomous status besides research grants from various central agencies. He also said the college already has NBA accreditation for six undergraduate branches of engineering out of total seven. We are planning to open two more branches next year, he added.

1. The minutes of the Fifth meeting of PAC were confirmed.

Minutes of the discussion on the agenda items of the sixth meeting of the PAC are:

2. **Review CO- PO - PSO assessment and recommend actions based upon the findings.**
 - The CO, PO and PSO attainment for the 2014-2018 batch graduates were projected with the process of evaluating the CO, PO, and PSO attainment.
 - Since the student's mind is getting diverted due to excess usage of electronic gadgets and social media, it was recommended to change the teaching methodology to enhance the level of learning and hence the target of CO, PO, and PSO can be achieved.

3. **The safety measures to be taken as the academic institution.**

Er.R.Murali, (Industry Expert, Managing Director, Madras Switch Gears Private Limited,) exposed his view on the outbreak of Covid 19- suppression in all fields. All the students and faculty members are requested take safety measures as per the directions of the health department of the government. The first preference is given to the lives, take necessary medication if required and stay safe.

possible ways and means to use ICT teaching tools available. The institute can spare some amount in purchase of licence if required.

5. Need of change in teaching methodology.

The teachers has to change the mode of teaching, the traditional chalk and talk method miserably fails due to the covid situation, hence all the teaching fraternity should learn new ICT teaching methodology and convey the technical knowledge as much as possible to the students. The faculty members are advised to attend few FDP/Workshop to get knowledge on the possible ICT tools so that they can reach studeents easily.

6. Preparing students as industry ready engineers.

Er.R.Murali, (Industry Expert, Managing Director, Madras Switch Gears Private Limited,) proposed that the faculty members must understand the job market to nurture the students as industry ready. He also said that the specialized trainings given to the faculty members may also help them to understand the need of industries. He asked the department to offer some carrier guidance sessions to make the students aware of job market.

7. Identifying the gap in curriculum addressing industry needs and ways to bridge the same

- Er.A.G.Balaji Ponnambalam, (Alumni) Systems Engineer, Infosys, Bangalore expressed that the curriculum covers only the basics of the engineering, so he suggested to conduct an eye opening session on the latest technological advancements in all the subjects.
- Further, Ms S. Chandrika II EEE, Internal stakeholder, requested the department to organize some eye opening events such as workshops, seminars, and hands on training or talks by experts from industry.
- Mr. S Karthikeyan II EEE, Internal stakeholder, asked to include a doubt clearing session for every course apart from the tutorial classes which are mainly focusing on problem solving only.

8. Recommendation of equipment, supplies or the development of simulated work environments

- The PAC requested to provide a spacious library in which all available study material must be displayed with a proper/specific label in the department library for clear visibility and also suggested to provide some seating arrangements to the students to take notes.
-

9. Review existing equipment, facilities, resources and its utilization.

- Members of PAC happily recollected the protection switch gear lab utilized for experimental learning for the protection switch gear course for all final year students and asked to continue this experimental learning. Further the PAC asked to conduct switch gear training sessions for nearby institutions at reasonable fee so that it can generate some revenue. The PAC also insisted to apply for Modernization and Removal of Obsolescence (MODROBS) to upgrade the laboratories to advanced research activities.

10. Review courses of study and standards of proficiency in areas which are essential to becoming successfully employed in a career path.

- Er.R.Murali, Managing Director, Madras Switch Gears Private Limited, suggested to offer some important professional courses in addition to the regular technical courses. He added further to conduct professional workshops to develop the skills required to improve employability. He also suggested to start a dedicated career guidance cell in the department to strengthen and enhance placement training sessions.

11. To review the status of Research Projects sponsored by Government / Non-Government Agencies and suggest steps for enhancement of grants.

- Research Organization member of PAC, Er.V.Kaviraj, Assistant Manager, Research & Development, Brakes India Private Limited, Chennai insisted the faculty who have completed their Doctoral degree to apply for guideship and to approach the funding agencies which may be either Government or Non-Government Agencies for funded research and grants for STTP, FDP, Workshop etc.
- Further he added, to increase faculty research publication numbers at least one per semester.

12. To review the status of Internal Resource Generation.


- PAC recommended the Department of Electrical and Electronics Engineering may make necessary arrangements to conduct faculty development programmes (FDP) and Short Term Training Programmes (STTP). It is also suggested that the department may offer consultancy services, like, energy auditing, testing commissioning, etc.. The planning and route map to flourish towards 'Corporate Trainings' and 'Consultancy services' are to be prepared and submitted to the PAC for consideration in its next meetings.

13. To review the Alumni Engagements and enhancement of alumni interaction.

- The report to be submitted to the PAC members for approval to conduct the alumni meeting and suggestions on the same. It is shared that the alumni meeting may help to

debate and discussion over the existing problems in the department and to reach the possible solutions to eradicate the identified.

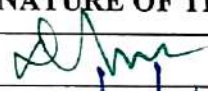
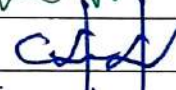
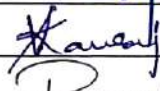
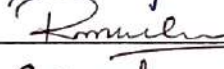

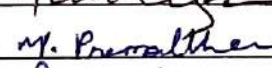
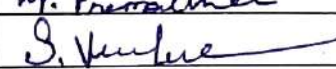
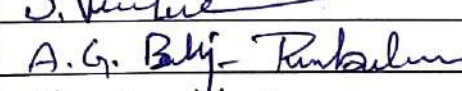
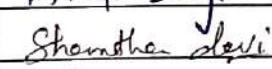
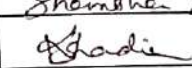
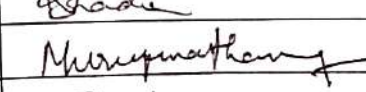
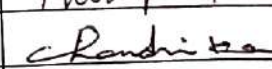
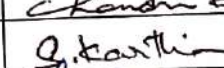

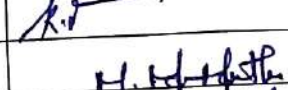
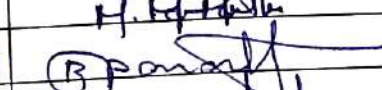
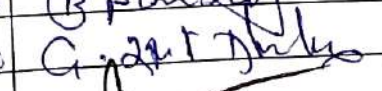


As there was no other item placed before the Chair. The meeting ended with a vote of Thanks.


 Dr.C Krishnakumar
 HoD/ EEE

CC:

- All Members of PAC;
- All Faculty and Staff of the college;
- PAC File.

ATTENDANCE

SL.NO	NAME OF THE MEMBER	SIGNATURE OF THE MEMBER
1	Dr. D. VALAVAN	
2	Dr. C. Krishnakumar.	
3	V. Kaviya	
4	R. Murali	
5	G. VENKATESAN	
6	Dr. M. PREMALATHA	
7	S. Venkatarayanaiah	
8	A. G. BALAJI PONNAMBALAM	
9	R. SHANTHA DEVI	
10	K. Shadiq Basha	
11	R. MURUGANANTHAM	
12	S. Chandrika	
13	S. Kasthi Keyam.	
14	VENUGOPAL R	
15	DR. M. MARIMUTHU.	
16	B. PARANTHAGAN	
17	G. HONEST NAPOLEON	
18	R. VYAS	
19	R. SATHEESH	

20	Dr. S. UJAYALAKSHI	Sujay
21	N. GAYATHI	21
22	C. Pearlina Kamalini	22
23	R. Sindha	23
24	S. Ram Prasath	24
25	P. RAMBHA BABU	25
26	T. SESU SELVARAJ	26
27	P. RAM PRASATH	27
28	M. V. SUBANYADEVI	28
29	K. RAJKUMAR	29