

SAHRDAYA COLLEGE OF ENGINEERING AND TECHNOLOGY, KODAKARA - 680684

Minutes of the meeting

Name of the meeting: DAC Meeting

Period of Review : (optional)

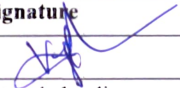





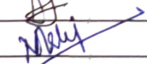
Date & Time of meeting: 15/10/2022, 10:00 AM

Venue: Google meet (<https://meet.google.com/mfp-dmep-pfy>)

Agenda*:

1. Discussion on curriculum and identification of gaps
2. Identify the activities and add-on courses to be conducted to bridge the gaps
3. Discussion related to placement activities on department
4. Approval of Program Specific Outcomes (PSOs) of the Department

Members attended:

S. No.	Name	Designation	Signature
1	Dr. V. Vijikala	Associate Professor and HoD (Chairperson)	
2	Dr. T. Ruban Deva Prakash	Principal, College of Engineering, Munnar (Academic Expert)	Attended online
3	Mr. Sukesh S S	Assistant Engineer, KSEB (Industrial Expert)	Attended online
4	Mr. Midhun C	Electronics CAD Engineer, Design Alpha (Alumni)	Attended online
5	Mrs. Jasmine	Parent representative	Attended online
6	Ms. Drisya K Sasi	Assistant Professor, Dept PC (Member)	
7	Mr. Sebin Davis K	Assistant Professor (Member)	
8	Ms. Neethu John	Assistant Professor (Member)	
9	Mr. Abhijith R Prasad	Assistant Professor (Invitee)	
10	Mr. Adarsh S R	Assistant Professor (Invitee)	
11	Ms. Maria Rose K J	Assistant Professor (Invitee)	

*Agenda is optional. Each agenda item must be numbered and typed in separate line)

1. Review of Action Points of the Previous Meeting:

Details of Action	Target Date	Responsibility	Progress	Revised Target	Status (Closed/Cancelled/ Continuous/ Ongoing/Deferred)
Add-on courses on MATLAB, Electrical CAD, MI Power etc can be provided for students to improve their practical skills.	30/04/2022	Abhijith R Prasad	Add-on courses on MATLAB, Auto-CAD MEP and PCB design are conducted	--	Closed
Recommend NPTEL/SWAYAM courses for students to improve the subject knowledge	Next semester onwards	Advisors	Promoting students to attend NPTEL courses.	--	Continuous
Provide electrical system design courses during every semester. This will help the students to become industry ready engineers.	Every semester	Sebin Davis K	Due to lack of time span, it is decided to conduct next academic year onwards.	2022-23 academic year onwards	Deferred
Tie-ups with companies and MoUs for providing internships or job trainings	31/3/2022	Abhijith R Prasad	One MoU is signed with C-DAC. Communications are taking place for signing more MoUs	--	Ongoing
Revision of PSOs	June 2022	HoD and PC	Feedbacks from stakeholders are collected and draft PSO statements are prepared in the DQAC meeting. Approval from DAC is the next stage.	--	Ongoing

2. Decisions taken during this meeting

Points of Review	Decisions taken	Responsibility	Target date
<p>Discussion on curriculum and identification of gaps</p>	<ul style="list-style-type: none"> ● Dr. T. Ruban opined that to mould industry ready engineers, students should earn knowledge in recent trends in Electrical Engineering. Such courses are not there in the curriculum. ● He added that students should also earn practical exposure during their graduation period. ● Mr. Sukesh said that IoT, Robotics and Machine learning are the upcoming trends. Those are missing in the curriculum. 	<p>--</p>	<p>--</p>
<p>Identify the activities and add-on courses to be conducted to bridge the gaps</p>	<ul style="list-style-type: none"> ● Dr. T Ruban suggested that add-on courses and workshops can be provided on Artificial intelligence, Cloud computing and smart grid, since these are the recent trends in the field of electrical engineering. ● Also the renewable energy sector is very important nowadays. Hence provide any courses or activities related to the same. ● Promote students to do their projects on recent trends and recent requirements, like electrical based composting, energy management in industries, which will be beneficial in their future. ● Mr. Sukesh added that encourage students to go for higher studies and crack GATE. 	<p>Faculty members and students</p>	<p>--</p>

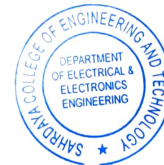
<p>2020-2021 Attainment analysis</p>	<ul style="list-style-type: none"> ● In the academic year 2020-2021, PO attainment is minimum for PO1 (Engineering knowledge), PO2 (Problem analysis) and PO3 (Design/development of solution). ● Also overall attainment is not up to the mark, because of the poor university results. ● Dr. T Ruban suggested that alumni interactions, expert talk from industry, MOOC/NPTEL Swayam courses etc. will be helpful to fill the gaps in the above mentioned POs. ● He added that encourage students to participate in idea hackathons or any other project competitions. It will help them to learn deeply about the electrical engineering field and automatically it will improve their interest in studies. Thus university results will improve. 	<p>Faculty members and students</p>	<p>Oct - Dec 2022</p>
<p>Discussion related to placement activities on department</p>	<ul style="list-style-type: none"> ● Mr. Midhun C highlighted that to improve placements, both technical skills and soft skills need to be promoted. ● Providing workshops and hands-on training on recent fields will help them to improve their technical skills and perform well in interviews. ● Soft skill training also should be provided, to know how to perform in front of an interviewer. It can be provided by some experts in that field. ● Parent representative opined that Study Group Activity (SGA) hour is a the speciality of Sahrdaya 	<p>Faculty members and students</p>	<p>--</p>

	College. Activities during SGA hour will also help the students to get prepared for the interviews.		
Approval of Program Specific Outcomes (PSOs) of the Department	<ul style="list-style-type: none"> • The draft of Program Specific Outcomes (PSOs) is presented before the experts. • Since there was no more suggestions and feedback, PSO statements were approved by the DAC members. • Approved statements are included in the Annexure. • Decided to follow the new PSOs from current academic year onwards 	Faculty members	Immediate

Date: 15/10/2022
C.C.TO:

Prepared by: Ms Drisya K Sasi

Approved by: HOD EEE



HEAD OF THE DEPARTMENT
ELECTRICAL & ELECTRONICS ENGINEERING
SAHRDAYA
COLLEGE OF ENGINEERING & TECHNOLOGY
KODAKARA

ANNEXURE

PROGRAM SPECIFIC OUTCOMES (PSOs)

(with effect from 2022-2023 academic year onwards)

PSO1	Apply fundamental knowledge of electrical and electronics engineering to identify and analyse real life problems in the realm of electrical machines, power systems, electronics and instrumentation systems, control systems and power electronic systems.
PSO2	Design and implement electrical and electronic systems to meet global needs with a view of energy conservation and sustainability
PSO3	Apply software and hardware tools to develop electrical and electronic systems and create passion for research and innovation

