

Form No: QS 03

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SAHRDAYA COLLEGE OF ENGINEERING AND TECHNOLOGY, KODAKARA - 680684

**Department of Biomedical Engineering
Minutes of the meeting**

Name of the meeting: Department Advisory Committee meeting

Period of Review : 29/09/2022-19/08/2023

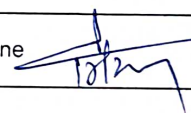
Date & Time of meeting: 18/08/2023, 11.00 AM

Venue: Google meet (Online)

Agenda:

1. Welcoming & Introduction of the members in the newly constituted DAC - by HoD
2. Presentation of Department Vision, mission & Objectives (PEOs) - by HoD
3. Last year Major Achievements of the department - by Program Coordinator
4. Review discussion on Department Vision, Missions and general objectives - lead by HoD
5. General educational views shared by DAC members - lead by HoD
6. Vote of Thanks - by PC

Members present

Name	Designation	Signature
Dr. Jis Paul	HOD-BME, SCET	Present Online 
Dr. Manoj Mathew	Software Solutions Manager & Imaging Specialist, Carl Zeiss-Industrial expert	Present Online

Dr. Renu John	Professor, Department Of Biomedical Engineering Indian Institute Of Technology, Hyderabad- Academic expert	Present Online
Dr. Pramod K	Asst. Professor, MIT, Manipal - Academic expert	Present Online
Mr. Santosh Babu	Zonal Technical Support Manager, GE Healthcare - Alumni Representative	Present Online
Ms. Linu Thommi	Vice-President, Dr. Klinisch Research Pvt Ltd - Alumni Representative	Present Online
Prof. Raji Chandra	Assistant Professor,PG Dept of History, VTM NSS College Dhanuvachapuram, PTWA Member,	Present Online
Ms. Reshma Jose	Asst. Professor,BME, Sahrdaya College of Engg. & Tech.	Present Online
Dr. Finto Raphel	Assc. Professor, BME, Sahrdaya College of Engg. & Tech.	Present Online
Mr. Jibin Jose	Asst. Professor, BME, Sahrdaya College of Engg. & Tech.	Present Online

Members absent:

1. Ms. Nithya, Assisi Vidyaniketan public school,Perumpilly, Ernakulam, PTWA Member
2. Dr. Surya S Nair, Automotive Cybersecurity Expert at ZF Group- Industrial expert

Action points discussed in meeting:

Points of Review	Decisions taken	Responsibility	Target Date
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Review of Department Vision, mission & Objectives (PEOs)	<ul style="list-style-type: none"> • Dr. Pramod shared the opinion that Department Vision statement should reflect the perspective of student emerging as academician and Researcher • Dr. Renu shared the view that the Mission statements should bring awareness to the general public about the relevance of Biomedical Engineering. • Members shared the opinion that; In Order to strengthen the social and ethical responsibility of students, legal aspects should be included in the courses - with topics like ethics in industry, secrecy of data, regulatory aspects and patient safety etc • Mr. Santhosh shared the view that students shall be sent to hospitals and get them exposed in the repair of small biomedical equipment. This would address the first PEO. • The Second PEO can be strengthened by the following ways: <ul style="list-style-type: none"> → Professional counseling → Broader exposure in the field of Biomedical Engineering (NPTEL videos and MOOC Courses) → Internships → Adding faculty who have expertise in diverse fields of Engineering 	HoD and PC	
Quality of Projects	<ul style="list-style-type: none"> • Experts have the view that Students should be 	All Faculty	

	<p>encouraged to do projects in the industry on a continuous basis rather than allocating one day per week.</p> <ul style="list-style-type: none"> • Project selection should extend to topics related Industry; for example Material Sciences • The selection of project topics should start from semester 5 so that students get enough time to explore in their interested area. And successful groups should be encouraged to carry the project towards their higher semesters. • Sufficient Credits shall be allocated for projects to keep the momentum and interest among student groups.. 		
Syllabus revision and Honor/Minor Courses	<ul style="list-style-type: none"> • Suggest relevant courses to the Biotechnology Department for Minor courses. • Include a fresher's courses / Foundation courses in Bio Engineering in the early semesters. • The courses for all semesters should be focussed on Biomedical Engineering instead of a wide mixture of other courses. • The electives should be carefully crafted to reflect particular streams of Biomedical Engineering. 	HOD & PC	

	<ul style="list-style-type: none"> • Introduce courses on Entrepreneurship and regulatory affairs. • Facilitate interdisciplinary courses as well as project and strengthen the core courses. • It was suggested to bring a structured system in the curriculum such that a student selecting a particular elective does his/her project in the specific area thereby strengthening knowledge and expertise. 		
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Date: 18/08/2023

Prepared by: Ms. Reshma Jose
Program Coordinator

Approved by: Dr. Jis Paul
HoD

C.C. To: 1. Director (by email)
2. Principal (by email)