

Minutes of the Eleventh Board of Studies Meeting

Venue: Dafoddil Hall (Hybrid mode)

Date: 09.12.2024

Meeting ID: 990 1566 9821

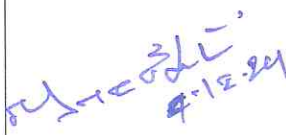
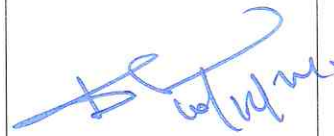
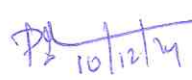
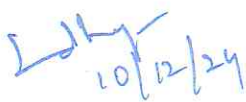
Time: 12:00 PM

Agenda:

1. Vision and Mission of the Institution and Department
2. Discussion on the minutes of previous BoS meeting and action taken
3. Stakeholders' inputs on Curriculum Design
4. Proposal for New Additional Credit Courses
5. Inputs from members for Regulations 2025 and ratification of items, if any.
6. Any other matter brought by the Chair

Members Present:

S.No	Name of the member with Designation	Category	Signature
1.	Dr. K. S. Tamilselvan Professor and Head, Department of BME, KPRIET, Coimbatore	Chairman	
2.	Dr. M. Santhanalakshmi Associate Professor, Department of Electronics and Communication Engineering, PSG College of Technology, Peelamedu, Coimbatore	University Nominee	ONLINE
3.	Dr. R. H. Havaladar M.Tech., Ph.D. Joint Secretary, IEEE EMBS Bangalore Chapter Member, Execom BMESI Manipal Chapter Professor and Head, Department of Biomedical Engineering KLE DR. M. S. Sheshgiri College of Engineering & Technology Udyambag, Belgaum, 590 008, Karnataka, India	Academic Expert-1	ONLINE
4.	Dr. Kunal Pal Associate Professor and Head, Department of Biomedical Engineering, National Institute of Technology, Rourkela	Academic Expert-2	ONLINE

5.	Mr. D. Rajesh Leader – Program Management Office, Emergency Care Business, Philips, Pune	Industry Expert	ONLINE
6.	Dr. S. Sunetha MBBS, DGO(Director), Obstetrics and Gynecology, Ranjan Medical Centre, Coimbatore	Expert from Hospital	ONLINE
7.	Dr. K. Rajasekaran Professor, Department of BME, KPRIET	Faculty Member	ONLINE
8.	Dr. P. Sreelatha Professor, Department of BME, KPRIET	Faculty Member	 10/12/24
9.	Dr. A. Allwyn Gnanadas Assistant Professor (III), Department of BME KPRIET	Faculty Member	 10/12/24
10.	Dr. T. Gayathri Assistant Professor (III), Department of BME KPRIET	Faculty Member	AB
11.	Dr. N. Rajasingam Assistant Professor (III), Department of BME KPRIET	Faculty Member	 10/12/24
12.	Dr. D. Sudarvizhi Assistant Professor (II), Department of BME KPRIET	Faculty Member	 10/12/24
13.	Dr. P. Arun Kumar Assistant Professor (III), Department of BME KPRIET	Faculty Member	 10/12/24
14.	Ms. S. Sandhya Assistant Professor (III), Department of BME KPRIET	Faculty Member	 10/12/24
15.	Mr. V. Bharath	Faculty Member	 10/12/24

	Assistant Professor (II), Department of BME, KPRIET		
16.	Ms. M. Swathy Assistant Professor (II), Department of BME, KPRIET	Faculty Member	ONLINE
17.	Ms. B. Priya Darshini Assistant Professor (I), Department of BME, KPRIET	Faculty Member	AB
18.	Mr. R. Krishna Kumar Assistant Professor (I), Department of BME, KPRIET	Faculty Member	ONLINE
19.	Ms. K. Priyadharshni Associate Analyst, Zifo RnD Solutions, Chennai	Alumna (2018 – 2022)	ONLINE

Minutes of the 11th Meeting of the Board of Studies:

The meeting started with the Chairman, Department of Biomedical Engineering welcoming the members of the Board of Studies and continued with a presentation on Vision, Mission, POs, PEOs, PSOs, Syllabus content of Professional Electives and Additional One Credit Courses offered under Regulations 2021.

Following points were discussed at the Eleventh Board of Studies meeting.

RESOLUTIONS:

1. Action taken on the minutes of the 10th BOS meeting:

- U21OBM05 – Conducted industry one credit on Design and fabrication of Biomedical Circuits during the V semester
- The vertical VI “Medical Systems” were approved by the board to be offered as professional elective courses.
 - U21BMP41 – Ophthalmology Systems
 - U21BMP42 – Pulmonology Systems

- U21BMP43 – Gynaecology and Obstetric Systems
- U21BMP44 – Neurology systems
- U21BMP45 – Orthopedic systems
- U21BMP46 – Urologic and Nephralgic systems
- U21BMP47 – Chemotherapy Techniques
- U21BMP48 – Pediatric systems

2. Regulations 2021 – U.G. Programme

- The following courses were approved by the board to be offered as capsule courses.
 - Endoscopy and Laparoscopy
 - Altium - PCB Design software

3. Industry/Academic inputs on curriculum design

- U21BMP16: Mr. Boopathi Sakthivel, Prashan Medical Technologies suggested to include real time case studies as an assignment.

4. Industry Oriented Courses / Value Added Courses

The following courses are approved by the board for offering as Industry Oriented One Credit Courses during the Odd semester of Academic year 2024 - 2025

- Deep learning in Biomedical Imaging – will be offered for IV semester

5. Amendments if any in R2021

Nil

6. Any other matters

- Dr. M.Santhanalakshmi, University Nominee recommended to map the programme exit survey questionnaire under PO's

R2025

- Dr. Kunal Pal, Professor & Head, Department of Biomedical Engineering, National Institute of Technology, Rourkela suggested to have AI and ML as professional core course.
- Dr. Kunal Pal, Professor & Head, Department of Biomedical Engineering, National Institute of Technology, Rourkela also suggested to add case studies for mathematical subject.
- Dr. M.Santhanalakshmi, University Nominee suggested to conduct bridge courses for minor degree (Vertical VI).

- Dr. M.Santhanalakshmi, University Nominee suggested to conduct bridge courses for minor degree (Vertical VI).
- Dr. M.Santhanalakshmi, University Nominee recommended to offer Virtual reality and Augmented Reality in Healthcare as open elective.

KS 9/12/2024

Chairman – BoS/BME