

Minutes of the 13th Board of Studies Meeting

Venue: Jasmine Hall (Hybrid mode)

Date: 21.11.2025

Meeting ID: 935 9395 1745

Time: 10:00 AM

Agenda:

1. Action Taken Report on the recommendations of the previous BoS meeting.
2. Curriculum structure (Semesters III to VIII) under Regulations 2025.
3. Syllabi for Semesters III and IV.
4. Proposal for New Additional Credit Courses (e.g., 1CC, VAC, MOOC, etc.) under Regulations 2025.
5. 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	 21/11/2025
2.	Dr. P. Nirmalkumar Professor, Department of Electronics and Communication Engineering, Anna University, Chennai – 600 025	University Nominee	 21/11/25
3.	Dr. S. Ramakrishnan Professor, Department of Biomedical Engineering, IIT Madras, Chennai – 600036	Academic Expert-1	ONLINE
4.	Dr. Mirza S. Baig Professor, Department of Biomedical Engineering, IIT Indore, Madhya Pradesh – 453552	Academic Expert-2	ONLINE
5.	Mr. Sriram.C.G. Head Factory, BPL Medical Technologies Pvt. Ltd., Chandra Nagar P.O., Palakkad – 678 007	Industry Expert	ONLINE

6.	Dr. K. Rajasekaran Professor, Department of BME, KPRIET	Faculty Member	ONLINE
7.	Dr. P. Sreelatha Professor, Department of BME, KPRIET	Faculty Member	<i>Sreelatha</i> 21/11/25
8.	Dr. D. Sudarvizhi Associate Professor, Department of BME, KPRIET	Faculty Member	<i>Sudarvizhi</i> 21/11/25
9.	Dr. A. Allwyn Gnanadas Assistant Professor (III), Department of BME, KPRIET	Faculty Member	<i>Allwyn</i> 21/11/25
10.	Dr. T. Gayathri Assistant Professor (III), Department of BME, KPRIET	Faculty Member	<i>T. Gayathri</i> 21/11/25
11.	Dr. N. Rajasingam Assistant Professor (III), Department of BME, KPRIET	Faculty Member	<i>Rajasingam</i> 21.11.25
12.	Dr. P. ArunKumar Assistant Professor (III), Department of BME, KPRIET	Faculty Member	<i>P. ArunKumar</i> 21/11/25
13.	Ms. Pinki Dey Assistant Professor (II), Department of BME, KPRIET	Faculty Member	<i>Pinki Dey</i> 21st Nov 25
14.	Mr. R. Krishna Kumar Assistant Professor (I), Department of BME, KPRIET	Faculty Member	<i>R. Krishna Kumar</i>
15.	Mr. Nitish Kumar Assistant Professor (I), Department of BME, KPRIET	Faculty Member	ONLINE
16.	Ms. Payel Das Assistant Professor (I), Department of BME, KPRIET	Faculty Member	<i>Payel Das</i> 21/11/25
17.	Ms. S. Kanimozhi Assistant Professor (I), Department of BME, KPRIET	Faculty Member	<i>S. Kanimozhi</i> 21/11/25
18.	Mr. S. Santhosh Kumar, Technical Manager, Prashan Medical Technologies, Coimbatore – 641 004	Alumna (2021 – 2025)	<i>S. Santhosh Kumar</i> 21/11/2025

Minutes of the 13th 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 and R2025 curriculum structure.

Following points were discussed at the 13th Board of Studies meeting.

RESOLUTIONS:

1. Action taken on the minutes of the 12th BOS meeting:

- Computer-Assisted Clinical Medicine and Medical Devices and Robotics will be provided as subjects under the professional elective category.
- Value added courses are provided as prerequisite for the vertical IV and Vertical V
- Students are allowed to undergo one month internship.

2. Regulations 2025 – U.G. Programme

- The following courses were approved by the board to be offered as capsule courses.
 - Intelligent Medical Systems
 - Software Prototyping for Medical App Development

3. Industry/Academic inputs on curriculum design

- Mr. Guru Prasandh, Medsby Healthcare & Engineering Solutions suggested to include case studies on implants, prosthetic, orthotics, and surgical tools.
- Mr. Santhosh kumar, Prashan Medical Technologies suggested adding industry-oriented modules to align the curriculum with current healthcare trends.

4. Industry Oriented Courses / Value Added Courses

The following courses are approved by the board for offering as Industry Oriented One Credit Course during the Even semester of Academic year 2025 - 2026

- MATLAB for Biomedical Engineers – will be offered for IV semester

5. NPTEL Courses

The following NPTEL courses are approved by the board for offering during the Even semester of Academic year 2025 – 2026.

- Healthcare Entrepreneurship
- Mass Spectrometry and its application in Molecular Medicine
- Polymeric Biomaterials: Structure, Properties, Function and Performance
- Microsensors, Implantable Devices and Rodent Surgeries for Biomedical Applications
- BioInformatics: Algorithms and Applications
- Classics in Neuroscience
- Computational Systems Biology

6. Amendments if any in R2021

Nil

7. Any other matters

R2025

- Dr. Mirza S Baig, Professor, Department of Biomedical Engineering, IIT Indore suggested to include recent text book and references.
- Dr. Mirza S Baig, Professor, Department of Biomedical Engineering, IIT Indore suggested to included tutorial hours.
- Dr. S. Ramakrishnan, Professor, Department of Biomedical Engineering, IIT Madras recommended to apply for NABL certification.
- Mr. Sriram.C.G., Head Factory, BPL Medical Technologies suggested to include patent process in the curriculum.
- Mr. S. Santhosh Kumar, Technical Manager, Prashan Medical Technologies suggested to offer Entrepreneurship related course in curriculum.
- Mr. S. Santhosh Kumar, Technical Manager, Prashan Medical Technologies, suggested that SolidWorks should be included in the curriculum as an application tool in relevant subjects.


Chairman – BoS/BME