

13th Board of Studies Meeting

Venue: Mechanical Board Room (Hybrid)

Date: 29.05.2025

Meeting ID: <https://meet.google.com/fyy-ybzy-tsj>

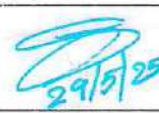
Time: 10.30 AM

Agenda:

To discuss and pass

- Action Taken Report on the recommendations of the previous BoS meeting
- Approval of R2025 I & II semester curriculum and syllabus
- Approval of R2025 I & II semester syllabus for courses offered to other departments
- Approval of syllabus for Design Thinking courses
- Ratification of items, if any
- Approval of Examiners for question paper setting and valuation
- Discussion on Any Other Matters (with the permission of the Chairman of BoS)

Members Present:

S.No	Name of the member with Designation	Category	Signature
1.	Dr. S.Ramesh Babu Professor and Head, Mechanical Engineering, KPRIET	Chairman	 29/5/25
2.	Dr.S.Ayyappan Associate Professor, Department of Mechanical Engineering Government College of Technology, Coimbatore	University Nominee	Online
3.	Dr.Santhakumar Mohan Professor, Mechanical Engineering Dean, Industry Collaboration and Sponsored Research Indian Institute of Technology (IIT) Palakkad	Academic Expert-1	Online
4.	Dr.Ramu Murugan Associate Professor, Mechanical Engineering, Amrita Vishwa Vidyapeetham, Coimbatore	Academic Expert-2	Online

Department of Mechanical Engineering

KPR Institute of Engineering and Technology

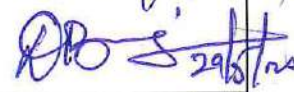
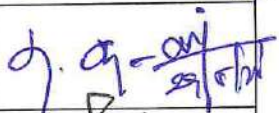
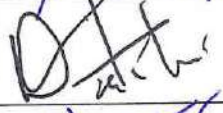
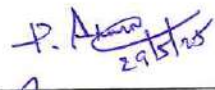
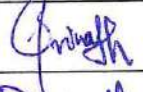
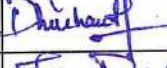
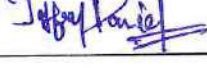


5.	Mr.V.Krishnamoorthy Manager-R&D, Bimetal Bearings Ltd, 18, race course road, Coimbatore	Industry Expert	Online
6.	Dr.A.Udayakumar Principal Scientist, Material Science Division, CSIR-National Aerospace Laboratories, Bangalore	Industry Expert (Special Invitee - 1)	Online
7.	Mr.VinuSargunan Manager- R&D Eppinger Tooling Asia pvt ltd, SF 345/2A 2B, Kondampatti, Coimbatore	Industry Expert (Special Invitee - 2)	Online
8.	Mr.E.T.Dineshraj Engineer CAE Valeo India Private Limited Chennai.	Alumini	Online
9.	Dr.M.Kumar Associate Professor Mechanical Engineering, KPRIET	Faculty	<i>Chi</i> 29/5
10.	Dr.B.Arulmurugan Associate Professor Mechanical Engineering, KPRIET	Faculty	<i>B.A</i> 29/5/25
11.	Dr.M.Makeshkumar Associate Professor Mechanical Engineering, KPRIET	Faculty	<i>Makesh</i> 29/5/25
12.	Dr.N.Mathan Kumar Associate Professor Mechanical Engineering, KPRIET	Faculty	<i>Mathan</i> 29/5
13.	Dr.S.M.Senthil Associate Professor Mechanical Engineering, KPRIET	Faculty	<i>S.M</i> 29/5
14.	Dr.R.Senthilkumar Associate Professor Mechanical Engineering, KPRIET	Faculty	<i>R.S</i> 31/6/25
15.	Dr. R. Anandakumar Assistant Professor III Mechanical Engineering, KPRIET	Faculty	<i>AB</i>
16.	Dr.S.Dharani Kumar Assistant Professor III Mechanical Engineering, KPRIET	Faculty	<i>S.D</i> 29/5/25
17.	Dr.N.Karthi Assistant Professor III Mechanical Engineering, KPRIET	Faculty	<i>N.K</i> 29/5/25

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18.	Dr.S.Gokulkumar Assistant Professor III Mechanical Engineering, KPRIET	Faculty	
19.	Mr.D.Balaji Assistant Professor III Mechanical Engineering, KPRIET	Faculty	
20.	Mr.N.Udhayakumar Assistant Professor II Mechanical Engineering, KPRIET	Faculty	
21.	Mr.S.N.Dinesh Assistant Professor II Mechanical Engineering, KPRIET	Faculty	
22.	Mr.E.Joel Assistant Professor II Mechanical Engineering, KPRIET	Faculty	
23.	Mr.P.Arunkumar Assistant Professor II Mechanical Engineering, KPRIET	Faculty	
24.	Mr.SP.Srinath Pre Final Year student, KPRIET	UG student	
25.	Mr.Chandrasekar Dhushanth Pre Final Year student, KPRIET	UG student	
26.	Mr.Jeffery Daniel Pre Final Year student, KPRIET	UG student	

Minutes of the 13th Board of the Studies Meeting:

The meeting started with the Chairman, Dr.S.Ramesh Babu, HOD, Department of Mechanical Engineering welcoming the members of the Board of Studies and presented the Vision, Mission, POs, PEOs, and PSOs.

Following points were discussed at the Board of Studies:

RESOLUTIONS:

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

The minutes of the 12thBoS meeting and the action taken there on are approved

S.No	Points discussed	Action taken report
1	Add MATLAB software to higher semester mathematic courses instead of lower semester courses.	Suggestion will be recommended to the mathematics department and will be considered while framing the R2025 syllabus.
2	Basic manufacturing topics such as welding, casting and machining can be added in II semester courses	Recommendations are considered while framing the R2025 regulation.
3	Additive manufacturing and rapid prototyping topics can be included in manufacturing technology course.	
4	Introduction to sign, model, functional prototyping, difference between model, prototyping and product above mentioned topics can be added in II semester course.	

2. Curriculum and syllabi for I and II semesters of UG Programme under Regulations 2025

Resolved to approve the following recommendation passed to the standing committee of the Academic Council. The curriculum and syllabi for the I and II semesters of the UG Programme under Regulations 2025 were approved with the following suggestions:

- Dr. S. Ayyappan (University Nominee) and Dr. Ramu Murgugan (Academic Expert) insisted to restructure the syllabus of the Introduction to Mechanical Elements course by incorporating fundamental concepts. They also recommended aligning the theoretical content with corresponding laboratory experiments.
- Dr. Santhakumar Mohan (Academic Expert) suggested renaming Unit II of the Interfacing of Electronics & Electrical Components and Troubleshooting course from "Introduction to Arduino" to "Introduction to Microprocessor and Microcontroller."
- Dr. S. Ayyappan, Dr. Santhakumar Mohan, and Dr. Ramu Murgugan suggested that 50% of the Engineering Graphics course content be taught through manual drafting.

3. Syllabus for I and II semester courses offered to other departments

- Dr. Ramu Murgugan (Subject Expert) suggested incorporating thermodynamics topics into the Basics of Mechanical Engineering course.

4. Approval of syllabus for “Introduction to Design thinking” course

- Dr. S. Ayyappan (University Nominee) recommended changing the title of Unit II in the Introduction to Design Thinking course.

5. Approval of examiners for question paper setting and valuation

- All BoS members reviewed and approved the list of examiners for question paper setting and valuation purposes.

6. Any other matter brought by the chair

- It is resolved that the recommendations may be passed to the standing committee of the academic council.



3/6/25
Chairman-BoS/MECH

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https://meet.google.com/fyy-ybzy-tsj

OFFICE_MECH KPR (Presenting)

SEMESTER - I

Sl. NO.	COURSE CODE	COURSE TITLE	COURSE TYPE*	CATEGORY	L	T	P	J	C
1	U2SEN101	Academic and Professional Reading Skills	L	HSMC	0	0	2	0	1
2	U25MA102	Matrices and Calculus	TwL	BSC	2	0	2	0	3
3	U25PH101	Engineering Physics	TwL	BSC	2	0	2	0	3
4	U25CY105	Applied Chemistry for Mechanical Engineers	TwL	BSC	2	0	2	0	3
5		Problem Solving Using C Programming	TwL	ESC	2	0	2	0	3
6	U25MEG01	Digital Technologies	T	ESC	1	0	0	0	1
7	U25ME101	Introduction to Mechanical Elements	TwL	PCC	1	0	4	0	3
8	U25LEG01	< Language Elective >	TwL	HSMC	1	0	2	0	2
Total					11	0	16	0	19

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13

 Solai Ayyappa...
  krishna mo...
  Santhakum...

 MATHAN...
  6 others
  DHARAN...

Someone wants to join this call [View](#)

OFFICE_MECH KPR (Presenting)

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SEMESTER II

U25MEG01	ENGINEERING GRAPHICS	Category PCC		
L	T	P	J	C
8	8	4	0	2

PRE-REQUISITES:

- Nil

COURSE OBJECTIVES:

- The students will be exposed to standards and conventions followed in preparation of engineering drawings.
- The student will understand the concepts of orthographic and isometric projections using CAD software.
- The students will develop the ability of producing engineering drawings and conveying the information through drawings using CAD software.

COURSE OUTCOMES:

Upon completion of the course, the student will be able to:

- CO1: Sketch curves, orthographic projections of points as per BIS conventions.
- CO2: Redesign the orthographic projections of straight lines and plane surfaces.
- CO3: Depict the orthographic projections of solids, outline surfaces of truncated solids and its development.
- CO4: Translate pictorial and isometric views of simple objects to orthographic views.

 Solai Ayyappa...
  krishna mo...
  Santhakum...

 OFFICE_ME...
  7 others
  DHARAN...