

11<sup>th</sup> Board of Studies Meeting

Venue: Mechanical Board Room (Hybrid)

Date: 08.05.2024

Meeting ID: <https://meet.google.com/dsq-rqmm-cmv>


Time: 02.30 pm

**Agenda:**

To discuss and pass

- Discussion on the minutes of previous BoS meeting and action taken
- Stakeholders feedback
- Industry Oriented One Credit Courses
- Value Added Courses
- Any other matter

**Members Present:**

S.No	Name of the member with Designation	Category	Signature
1.	<b>Dr. S.Ramesh Babu</b> Professor and Head, Mechanical Engineering, KPRIET	Chairman	
2.	<b>Dr.S.Ayyappan</b> Associate Professor, Department of Mechanical Engineering Government College of Technology, Coimbatore	University Nominee	Online
3.	<b>Dr.Santhakumar Mohan</b> Professor, Mechanical Engineering Dean, Industry Collaboration and Sponsored Research Indian Institute of Technology (IIT) Palakkad	Academic Expert-1	Online
4.	<b>Dr.Ramu Murugan</b> Associate Professor, Mechanical Engineering, Amrita Vishwa Vidyapeetham, Coimbatore	Academic Expert-2	Online
5.	<b>Mr.V.Krishnamoorthy</b> Manager-R&D, Bimetal Bearings Ltd, 18, race course road, Coimbatore	Industry Expert	Online



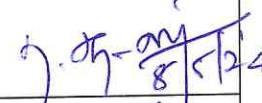


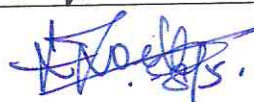

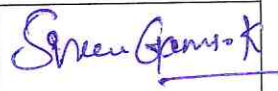


# Department of Mechanical Engineering

KPR Institute of Engineering and Technology



6.	<b>Dr.K.Ravi Kumar</b> Professor Mechanical Engineering, KPRIET	Faculty	<i>Dr. Ravi Kumar</i> 8/5/24
7.	<b>Dr.M.Kumar</b> Associate Professor Mechanical Engineering, KPRIET	Faculty	<i>Dr. M. Kumar</i> 8/5/24
8.	<b>Dr.B.Arulmurugan</b> Associate Professor Mechanical Engineering, KPRIET	Faculty	<i>B. Arulmurugan</i> 8/5/24
9.	<b>Dr.L.Rajeshkumar</b> Associate Professor Mechanical Engineering, KPRIET	Faculty	<i>Dr. L. Rajeshkumar</i> 8/5/24
10.	<b>Dr.P.Manoj Kumar</b> Associate Professor Mechanical Engineering, KPRIET	Faculty	<i>Dr. P. Manoj Kumar</i> 8/5/24
11.	<b>Dr.M.Makeshkumar</b> Associate Professor Mechanical Engineering, KPRIET	Faculty	<i>Dr. M. Makeshkumar</i> 8/5/24
12.	<b>Dr.N.Mathan Kumar</b> Associate Professor Mechanical Engineering, KPRIET	Faculty	<i>Dr. N. Mathan Kumar</i> 8/5/24
13.	<b>Dr.S.M.Senthil</b> Associate Professor Mechanical Engineering, KPRIET	Faculty	<i>Dr. S. M. Senthil</i> 8/5/24
14.	<b>Dr.S.Sathish</b> Assistant Professor (SI.G) Mechanical Engineering, KPRIET	Faculty	<i>Dr. S. Sathish</i> 8/5/24
15.	<b>Dr.S.Dharani Kumar</b> Assistant Professor (SI.G) Mechanical Engineering, KPRIET	Faculty	<i>Dr. S. Dharani Kumar</i> 8/5/24
16.	<b>Dr.L.Prabhu</b> Assistant Professor (SI.G) Mechanical Engineering, KPRIET	Faculty	<i>Dr. L. Prabhu</i> 8/5/24
17.	<b>Dr.V.Bhuvaneswari</b> Assistant Professor (SI.G) Mechanical Engineering, KPRIET	Faculty	<i>Dr. V. Bhuvaneswari</i> 8/5/24
18.	<b>Dr.N.Karthi</b> Assistant Professor (SI.G) Mechanical Engineering, KPRIET	Faculty	<i>Dr. N. Karthi</i> 8/5/24
19.	<b>Dr. R. Anandakumar</b> Assistant Professor (SI.G) Mechanical Engineering, KPRIET	Faculty	<i>Dr. R. Anandakumar</i> 8/5/24
20.	<b>Mr.D.Balaji</b> Assistant Professor (SI.G) Mechanical Engineering, KPRIET	Faculty	<i>Mr. D. Balaji</i> 8/5/24
21.	<b>Dr.R.Senthilkumar</b> Assistant Professor (SI.G) Mechanical Engineering, KPRIET	Faculty	<i>Dr. R. Senthilkumar</i> 8/5/24



22.	<b>Dr.S.Gokulkumar</b> Assistant Professor (Sr.G) Mechanical Engineering, KPRIET	Faculty	
23.	<b>Mr.N.Vigneshkumar</b> Assistant Professor (Sr.G) Mechanical Engineering, KPRIET	Faculty	
24.	<b>Mr.N.Udhayakumar</b> Assistant Professor (Sr.G) Mechanical Engineering, KPRIET	Faculty	
25.	<b>Mr.T.Kannan</b> Assistant Professor (Sr.G) Mechanical Engineering, KPRIET	Faculty	
26.	<b>Mr.S.N.Dinesh</b> Assistant Professor (Sr.G) Mechanical Engineering, KPRIET	Faculty	
27.	<b>Mr.E.Joel</b> Assistant Professor (Sr.G) Mechanical Engineering, KPRIET	Faculty	
28.	<b>Mr.P.Arunkumar</b> Assistant Professor (Sr.G) Mechanical Engineering, KPRIET	Faculty	
29.	<b>Mr.K.Sivaganesh</b> UG-IV Year Mechanical Engineering, KPRIET	UG student	
30.	<b>Mr.S.P.Madhan</b> UG-IV Year Mechanical Engineering, KPRIET	UG student	
31.	<b>Mr. S.Sanjay</b> UG-III Year Mechanical Engineering, KPRIET	UG student	

#### Minutes of the 11<sup>th</sup> 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 10<sup>th</sup> BOS meeting**

The minutes of the 10<sup>th</sup>BoS meeting and the action taken there on are approved

S.No	Points discussed	Action taken report
1	Suggested to increase the practical hours for value added courses.	Practical hours are increased for above mentioned value added courses. U21VME01- ANSYS – Structural and Thermal U21VME02-Prototype Design Using 3D printing U21VME03-CNC Programming and Operation

**2. Stakeholders inputs**

- Design thinking course may be added in the curriculum.
- Additive manufacturing course can be included as professional core course instead of professional elective.
- Internet of things course may be added in professional core course.

**3. Regulation 2021**

- Recommended the inclusion of robotic welding experiment in the U21ME306- Manufacturing Technology Laboratory-I course under Regulation 2021.
- Recommended the inclusion of metal additive experiment in the U21ME406- Manufacturing Technology Laboratory-II course under Regulation 2021.
- Recommended the inclusion of laser engraving simulation experiments in the Simulation Aided Modelling and Analysis Laboratory course under Regulation 2021.

**4. Industry Oriented One Credit Courses**

The following Industry oriented one credit course for Regulation 2021 – UG programme was recommended to the Standing committee of the Academic council for discussions:

- Introduction to Robotics Welding
- Robot Programming
- Non-Destructive Testing

Dr.Santhakumar Mohan, Subject Expert, suggested to change the title of "Introduction to Robotics welding" to "Robotic welding".

**5. Value Added Courses**

The following Value added course for Regulation 2021 – UG programme was recommended to the Standing committee of the Academic council for discussions:

- Robotic Multi-body Dynamics Analysis using ADAMS
- Design of Experiments using Minitab
- Plant Layout using Tecnomatix
- MATLAB

**6. Any other matter**

It is resolved that the recommendations may be passed to the standing committee of the Academic Council

  
Chairman – BoS/MECH



**11<sup>th</sup> Board of Studies Meeting Photos**

Value added courses -- Regulation 2021

S.NO	Course Code	Course Title	L	T	P	C
1	E215ME11	Multi-body Dynamics Analysis using ANSYS	1	0	1	0
2	E215ME12	Design of Experiments using Minitab	1	0	1	0
3	E215ME13	Print Layout using AutoCAD	1	0	1	0
4	E215ME14	NAFEMS	1	0	1	0

Participants: DHARANI KUMAR S ME11 (Presenting), Dr. B. Arumugam, Santhakumar M., Krishna murthy, Dr. Ramo Murug, Sathya Aravindan, DHARANITHA, MATHAN KUMAR, ARULMURUGA.

