

10th Board of Studies Meeting

Venue: Daffodil hall (Hybrid)

Date: 21.11.2023

Meeting ID: <https://meet.google.com/via-aydw-gec>


Time: 10.30 am

Agenda:

To discuss and pass

- Discussion on the minutes of previous BoS meeting and action taken
- Stakeholders feedback
- Addition of professional Elective courses (UG-R2021)
- Curriculum for I to VI semesters of UG programme (Industry integrated course).
- Syllabi for I to II semesters of UG programme (Industry integrated course).
- Open elective course (Low Cost Automation) offered to other branches under Regulations R2021.
- MOOC / Online Courses
- Industry oriented courses (one credit courses)
- Value added courses
- Industrial Training / Internship
- Any other matter brought by the Chair

Members Present:

S.No	Name of the member with Designation	Category	Signature
1.	Dr. S.RameshBabu, Professor and Head Mechanical Engineering, KPRIET	Chairman	 21/11/23
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.RamuMurugan Associate Professor, Mechanical Engineering, Amrita VishwaVidyapeetham, Coimbatore	Academic Expert-2	Online

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5.	Mr.V.Krishnamoorthy Manager-R&D Bimetal Bearings Ltd, 18, race course road, Coimbatore	Industry Expert	Online
6.	Dr.K.Ravi Kumar Professor Mechanical Engineering, KPRIET	Faculty	<i>D. P. Ravi</i> 21/11/23
7.	Dr.S.Ravishankar Associate Professor Mechanical Engineering, KPRIET	Faculty	AB
8.	Dr.M.Kumar Associate Professor Mechanical Engineering, KPRIET	Faculty	<i>M. Kumar</i> 21/11
9.	Dr.B.Arulmurugan Associate Professor Mechanical Engineering, KPRIET	Faculty	B. Arul 21/11/2023
10.	Dr.L.Rajeshkumar Associate Professor Mechanical Engineering, KPRIET	Faculty	<i>L. Rajesh</i> 21/11/23
11.	Dr.P.Manoj Kumar Associate Professor Mechanical Engineering, KPRIET	Faculty	<i>P. Manoj</i> 21/11
12.	Dr.M.Makeshkumar Associate Professor Mechanical Engineering, KPRIET	Faculty	<i>M. Makesh</i> 21/11/23
13.	Dr.N.Mathan Kumar Associate Professor Mechanical Engineering, KPRIET	Faculty	<i>N. Mathan</i> 21/11/23
14.	Dr.S.Sathish Assistant Professor (SI.G) Mechanical Engineering, KPRIET	Faculty	<i>S. Sathish</i> 21/11/23
15.	Dr.S.Dharanikumar Assistant Professor (SI.G) Mechanical Engineering, KPRIET	Faculty	<i>S. Dharani</i> 21/11/23
16.	Dr.L.Prabhu Assistant Professor (SI.G) Mechanical Engineering, KPRIET	Faculty	<i>L. Prabhu</i> 21/11/23
17.	Dr.V.Arivazhagan Assistant Professor (SI.G) Mechanical Engineering, KPRIET	Faculty	<i>V. Arivazhagan</i> 21/11/23
18.	Dr.V.Bhuvaneshwari Assistant Professor (SI.G) Mechanical Engineering, KPRIET	Faculty	<i>V. Bhuvaneshwari</i> 21/11/23
19.	Dr.N.Karthi Assistant Professor (SI.G) Mechanical Engineering, KPRIET	Faculty	<i>N. Karthi</i> 21/11/23

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20.	Dr. R. Anandakumar Assistant Professor (Sl.G) Mechanical Engineering, KPRIET	Faculty	RLK 21/11/23
21.	Mr.D.Balaji Assistant Professor (Sr.G) Mechanical Engineering, KPRIET	Faculty	MB 21/11/23
22.	Dr.R.Senthilkumar Assistant Professor (Sr.G) Mechanical Engineering, KPRIET	Faculty	D.S 21/11/23
23.	Dr.S.Gokulkumar Assistant Professor (Sr.G) Mechanical Engineering, KPRIET	Faculty	S.G 21/11/23
24.	Mr.N.Vigneshkumar Assistant Professor (Sr.G) Mechanical Engineering, KPRIET	Faculty	N.V 21/11/23
25.	Mr.N.Udhayakumar Assistant Professor (Sr.G) Mechanical Engineering, KPRIET	Faculty	N.U 21/11/23
26.	Mr.T.Kannan Assistant Professor (Sr.G) Mechanical Engineering, KPRIET	Faculty	T.K 21/11/23
27.	Mr.S.N.Dinesh Assistant Professor (Sr.G) Mechanical Engineering, KPRIET	Faculty	S.N.D 21/11/23
28.	Mr.B.K.Saravanan Assistant Professor (Sr.G) Mechanical Engineering, KPRIET	Faculty	B.K.S 21/11/23
29.	Mr.S.Vasanthaseelan Assistant Professor (Sr.G) Mechanical Engineering, KPRIET	Faculty	S.V 21/11/23
30.	Mr.E.Joel Assistant Professor (Sr.G) Mechanical Engineering, KPRIET	Faculty	E.J 21/11/23
31.	Mr.P.Arunkumar Assistant Professor (Sr.G) Mechanical Engineering, KPRIET	Faculty	P.A 21/11/23
32.	Mr.R.Vignesh Assistant Professor Mechanical Engineering, KPRIET	Faculty	R.V 21/11/23
33.	Mr.P.Sureshkumar Assistant Professor Mechanical Engineering, KPRIET	Visiting Faculty	ONLINE
34.	Mr.R.A.Vibin UG-IV Year Mechanical Engineering, KPRIET	UG student	R.A.V 21/11/23
35.	Mr.R.Samvel UG-IV Year Mechanical Engineering, KPRIET	UG student	R.S 21/11/23

36.	Mr. S.Sanjay UG-II Year Mechanical Engineering, KPRIET	UG student	<i>Sanjay S</i>
37.	MS-ANGELIN GIFTA-C UG-II Year Mechanical Engineering, KPRIET	UG student	<i>Angelina Gifta.C</i>

Minutes of the 10th Meeting of The Board of Studies:

The meeting started with the Chairman, Dr.S.RameshBabu, 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 9th BOS meeting:

The minutes of the 9thBoS meeting and the action taken thereon are approved

S.No	Points discussed	Action taken report
1	Suggested to increase the number of courses in professional elective courses across all verticals. Number of electives may be above 6 in all verticals	Following professional elective courses has been included in different verticals. U21MEP07 Design of Jigs, Fixtures and Press Tools (Engineering Design) U21MEP14 Biomaterials & Ceramics (Materials and Manufacturing) U21MEP21 Project Management (Industrial Engineering) U21MEP28 Turbomachines (Thermal Engineering) U21MEP35 Smart Manufacturing (Robotics and Automation) U21MEP42 Energy Management and Equipment Design (Automotive & Energy Engineering)
2	"Advanced Internal Combustion Engines" course can be added as professional elective course in Automotive & Energy Engineering vertical.	Following topics related to advanced internal combustion engines included in "Automotive Engine and Subsystems" course Engine Basic theory Fuel supply and Ignition systems Cooling and lubricating systems New Engine Technology
3	Smart manufacturing and smart factory automation topics can be provided as a professional elective course	Professional elective course on "Smart Manufacturing" has been included in Robotics and Automation vertical.
4	Suggested to include recent books in the syllabus PG R2023 syllabus	Recent text books are included in the PG R2023 syllabus.

5	Insisted to utilize student internship opportunities from reputed organizations (IIT & NIT)	Awareness will be created among students to attend these kind of internships. Few students have attended internships in IIT Indore and IIT Bombay.
6	Insisted to take industrial training/internship in automation-based industries.	Students have taken their internship in automation based industries such as FESTO India Pvt. Ltd, Janatics Pneumatic and JOSH Automation India Pvt. Ltd. More industries will be added in upcoming semesters

2. Stakeholders inputs

- Increase the duration of the value-added course.
- A multi-body dynamic simulation subject can be added to enhance the student's skills.
- Real-time scenario-based questions for better understanding
- Statistical process control tools may be added to enhance the skills of students.
- Use open-source tools to teach value-added courses.

3. UG-Professional Electives and open elective course offered under Regulations 2021

- The following recommendation may be passed to the standing committee of the Academic Council. The syllabi for professional elective courses- Comprehension –I and Comprehension –II and open elective course- Low Cost Automation under Regulation 2021 have been passed.
- All the BOS members reviewed the complete syllabus of the above courses and approved it.
- It shall be presented to the standing committee of the Academic Council for discussion.

4. MOOC/ Online Courses , Industry oriented courses, Value added courses and Industrial Training / Internship

- Dr. RamuMurugan, Subject Expert, suggested to increase the practical hours for value added courses.
- The board approved and recommended the listed MOOC/ Online Courses, Industry oriented courses, Value added courses and Industrial Training / Internship suggested by QIC and the same can be submitted before the standing committee of the Academic Council for discussions.
- All the BOS members recommended to proceed with MOOC/ Online Courses, Industry oriented courses, Value added courses and Industrial Training / Internship.

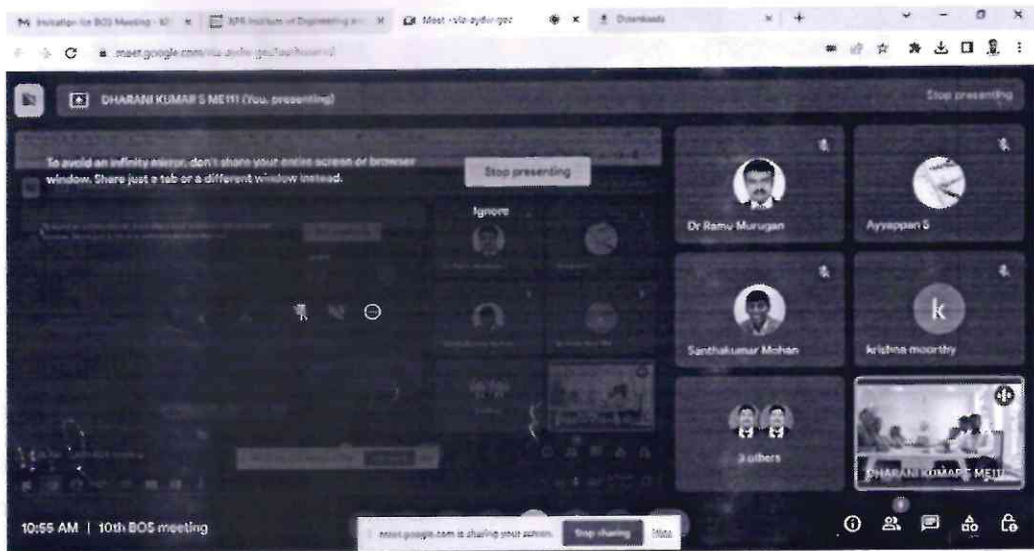
5. Curriculum I to VI semesters and syllabi I to II semesters of UG programme (Industry integrated course)

- The following recommendation may be passed to the standing committee of the Academic Council. The curriculum (I to VI semesters) and syllabi (I to II semesters) of the UG programme (Industry integrated course).
- Dr.RamuMurugan, Subject Expert, suggested to add manufacturing technology course to the curriculum.
- Other members reviewed the complete curriculum and syllabus and approved the same.
- All the BOS members are recommended to proceed with the curriculum (I to VI semesters) and syllabi (I to II semesters) of UG programme (Industry integrated course) and the same can be submitted before the standing committee of the Academic Council for discussion.

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

10th Board of Studies Meeting Photos




22/11/2023
Chairman – BoS/MECH

