

Date: 12/11/2024

Department of Mechanical Engineering

2nd Board of Studies (BoS) of Mechanical Engineering Department conducted online on
12th November 2024 (Tuesday) at 11.00 am

Minutes of meeting

Agenda

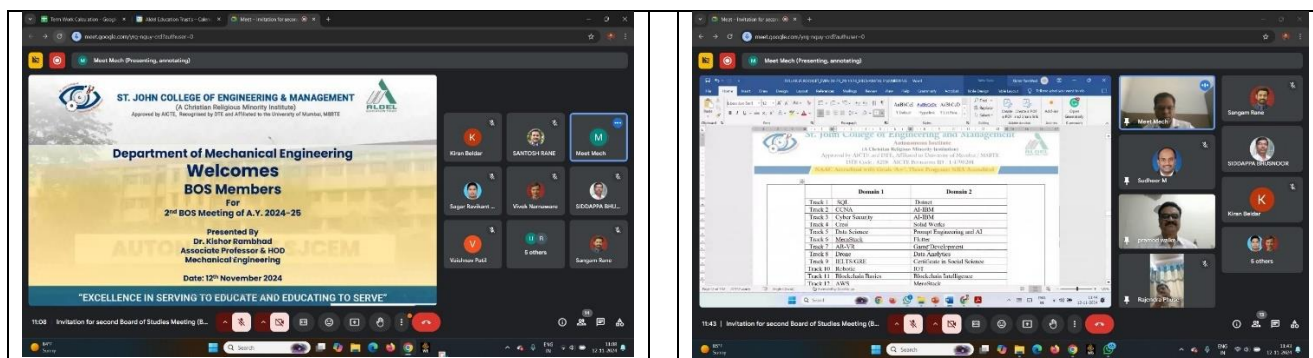
For Approval

1. To consider and approve minutes of meeting of the 1st Board of Studies (BOS) held on 11th June 2024.
2. To consider and approve the action taken report of minutes of 1st BOS meeting held on 11th June 2024.
3. To discuss and recommend Curriculum design in the Mechanical Engineering, w.r.t NEP 2020 and Autonomy requirements.
4. To approve the scheme SJCEM: R-24 of A.Y. 2024-25 to be forwarded to Academic Council.
5. To discuss and recommend the academic productivity in teaching- learning process, project quality and semester conduct to meet the requirement of outcome based education (OBE).
6. To discuss and recommend the evaluation and assessment methods and finalization of a panel of Examiners for theory and lab courses for A.Y. 2024-25.
7. Any other matter with the permission of the chair.

Following Members were present for BOS Meeting

Sr. No.	Name and Affiliation of BOS Members	Designation in BOS Committee	Mode of Presence in BOS Meeting
1.	Dr. Kishor Rambhad, Associate Professor & HOD, Mechanical Engineering St. John College of Engineering and Management, Palghar	BOS Chairman	Offline
2.	Dr. Santosh Rane Professor, Department of Mechanical Engineering Sardar Patel College of Engineering, Mumbai	VC Nominee, University of Mumbai	Online
3.	Dr. Sudheer M. Professor & Dean Academic Affairs Department of Mechanical Engineering, St. Joseph Engineering College, Vamanjoor, Mangalore- 575028, Karnataka, India	Subject Expert 01 Outside the parent University	Online
4.	Dr. Siddappa Bhusnoor Professor, Department of Mechanical engineering	Subject Expert 02 Outside the parent University	Online

	K. J. Somaiya College of Engineering, Somaiya Vidyavihar University, Vidyavihar Mumbai, Maharashtra, India		
5.	Dr. Pramod Walke Professor & Dean Academics Department of Mechanical Engineering, G H Rasoni college of Engineering, Nagpur, Maharashtra, India	Subject Expert 03 Outside the parent University	Online
6.	Mr. Rajendra Fuse Director, SLC India, Palghar	Expert from Industry/corporate sector/allied areas	Online
7.	Mr. Vaishnav Patil Asst. Manager, Production Planning SEW-Eurodrive India Private Limited, Pune 410 501, Maharashtra, India.	Alumni Member	Online
8.	Dr. Rajesh Kale Professor, HOD& Dean R&D, Department of Mechanical Engineering. Rajiv Gandhi Institute of Technology, Versova, Andheri (W), Mumbai	Experts from outside the Autonomous College	Online
9.	Dr. S. S. Pawar Member, Professor, Mech. Engg., SJCEM	Member	Offline
10.	Mr. Kiran Beldar Member, Assistant Professor, Mech. Engg., SJCEM	Member	Offline
11.	Mr. Sangam Rane Member, Assistant Professor, Mech. Engg., SJCEM	Member	Offline
12.	Mr. Chirag Kale Member, Assistant Professor, Mech. Engg., SJCEM	Member	Offline
13.	Mr. Uday Prajapati Member, Assistant Professor, Mech. Engg., SJCEM	Member	Offline
14.	Mr. Sagar Patil Member, Assistant Professor, Mech. Engg., SJCEM	Member	Offline
15.	Mr. Vivek Narnaware Member, Assistant Professor, Mech. Engg., SJCEM	Member	Offline



BOS Chairman Dr. Kishor Rambhad welcome all the members and initiated the meeting.

Agenda 1: To consider and approve minutes of meeting of the 1st Board of Studies (BOS) held on 11th June 2024.

Resolution: The BOS approved the minutes of meeting of the 1st Board of Studies (BOS) meeting held on 11th June 2024.

Agenda 2: To consider and approve the action taken report of minutes of 1st BOS meeting held on 11th June 2024.

Resolution: The BOS approved the Action taken of the 1st Board of Studies (BOS) meeting held on 11th June 2024.

Following are the suggestions and action taken

Sr. No	Suggestions	Action taken
1.	Two case studies and a report written by the students to be prepared for the project evaluation.	Incorporated
2.	Subjects of Engineering Graphics and Mechanics of Materials are to be made from mechanical point of view.	Incorporated
3.	Number of modules and COs remain the same, creating a CO-PO mapping, and adding the most recent edition	Incorporated
4.	Monitoring required for coverage of syllabus in the preparation of question paper.	Care is taken
5.	Add mini-project and laboratory-oriented courses,	Incorporated
6.	Add a community or field project, add industry and research internship.	Incorporated
7.	Add self-learning topics in the syllabus	Incorporated

Agenda 3: To discuss and recommend Curriculum design in the Mechanical Engineering, w.r.t NEP 2020 and Autonomy requirements.

Resolution: Curriculum design, development and Implementation w.r.t NEP 2020 and Autonomy requirements discussed and recommended to Academic Council with reference to 1st BOS Meeting.

Agenda 4: To approve the scheme SJCEM: R-24 of A.Y. 2024-25 to be forwarded to Academic Council.

Resolution: The BOS approved the scheme SJCEM : R-24 for A.Y. 2024-25 in Mechanical Engineering Program with reference to 1st BOS Meeting.

Agenda 5: To discuss and recommend the academic productivity in teaching- learning process, project quality and semester conduct to meet the requirement of outcome based education (OBE).

Resolution: Academic productivity in classroom and laboratory to meet the requirement of Outcome based Education is discussed and recommended.

Agenda 6: To discuss and recommend the evaluation and assessment methods and finalization of a panel of Examiners for theory and lab courses for A.Y. 2024-25.

Resolution: Evaluation and assessment scheme is shown in the syllabus of respective subjects. Evaluation and Assessment methods was discussed and confirmed. Panel of Examiners for theory and lab courses was discussed and confirmed unanimously by all BOS members reference to 1st BOS Meeting.

Agenda 7: Any other matter with the permission of the chair.

Resolution: During the BOS meeting, the following suggestions were provided by the experts and alumni members present to enhance academic quality and align with the latest educational standards and practices.

Suggestions by Experts

1. Dr. Sudheer M.

- Evaluation for Self-Learning: Introduce assessments specifically for self-learning modules to encourage independent learning.
- Practical Experiment Categorization: Practical experiments should be classified into open-ended experiments and study/demonstration experiments.
- TAE Proofs for Innovative Teaching: Ensure that active learning techniques include evidence or documentation for any innovative teaching pedagogy used.
- Library Resources: Each subject should have at least 2 textbooks and 2-4 reference books (latest editions), with a minimum of 7 copies available in the issue section and 1 copy in the reference section of the library.
- Internship Evaluation: Internships should have a structured evaluation process.
- Activity Calendar Compliance: Ensure all activities align with the academic calendar.
- Open Electives from MOOCs: Consider MOOC courses for open elective credits.
- Sustainable Goals in Projects: Student projects should align with sustainable goals in line with the NEP.
- Encouragement for Student Publications: Foster student engagement in research and publication.
- MOOC Courses for Faculty: Faculty members should be encouraged to undertake MOOC courses for continuous professional development.
- Research Internships: Promote research internships for hands-on experience in research.

1. Dr. Pramod Walke

- Latest Edition of Reference and Textbooks: Ensure that all reference and textbooks are the latest editions.

- Mandatory NPTEL Course: Consider making one NPTEL course compulsory for students, with structured planning and guidelines.
- Alumni Mentorship for Projects: Assign one alumni mentor to each student project group for guidance.

2. Dr. Siddappa Sharanappa Bhusnoor

- Guidelines for Paper Setting: Follow Mumbai University and UGC guidelines if using software for external paper setting in the absence of external setters.
- Avoid Topic Repetition: Ensure interconnected subjects do not have redundant topics.
- Upfront NPTEL Guidelines: Provide clear guidelines for NPTEL course selection and inform students early.

3. Mr. Vaishnav Patil

- Internship Guidelines: Develop clear guidelines for internships and inform students early, as internships carry credits.
- Subject-Specific Internships: Facilitate internship opportunities that align with students' subject tracks, as it can be challenging for students to secure relevant internships independently.

Since there were no other matter to discuss, meeting was ended with vote of thanks proposed by Mr. Sagar Patil

BOS Chairman

Mechanical Engineering Department