



Minutes of Board of Study Meeting held on 08.12.2025

Meeting of Board of Studies (BOS) of Mechanical Engineering held on **08.12.2025** in hybrid mode. Following members of the (BOS) were present physically in the meeting.

1. Dr. Pankaj Agarwal, HoD & Chairman
2. Dr. Alok Jain, Dean (Academic)
3. Dr. Sanjay Katarey
4. Dr. Ashish Manoria (On leave)
5. Prof. Sanjay Jain
6. Prof. Sandeep Jain
7. Dr. R. M. Saxena
8. Dr. C. P. Singh (On leave)
9. Prof. Neeraj Sen (On leave)
10. Dr. Kamlesh Sharma
11. Dr. Pradeep Singh
12. Prof. Pankaj Sonkusare
13. Prof. Nikhil M. Vyas
14. Prof. J. P. Shukla

Following members joined the meeting online using the link: <https://meet.google.com/dxq-oicd-ozn>

1. Dr. Rajesh Kumar, Professor, Delhi Technological University, New-Delhi.
2. Dr. P. Jaiswal, Professor, Mechanical Engineering Dept., MITS Gwalior
3. Er. Jayesh Jain, Vice President, Volvo Eicher Commercial Vehicle Ltd Pithampur (Not Joined)
4. Dr. Aseem C. Tiwari, Professor, Mechanical Engg. Deptt., UIT RGPV Bhopal (Not Joined)

At the onset of the meeting Chairman Dr. Pankaj Agarwal welcomed all the members and, briefed them about the agenda and, other related issues.

Following items as listed in the agenda were presented and, discussed and, final resolutions were passed as shown against the agenda items.

Agenda Item 1: To confirm the minutes of previous BOS meeting held in the month of May 2025.

Resolution Item 1: The minutes of the BOS meeting held in May 2025 were presented before the board members and, discussed for any further necessary amendments. The board members duly agreed through mutual consensus that the approved minutes, along with their items and, resolutions are well appropriate and, do not require any amendments. The board confirmed the minutes of previous BOS without any amendment.

Agenda Item 2: To propose change in scheme/syllabus of theory/practical's and Course Outcomes (CO's), if any, for the subjects in II Semester for 2025-2026 admitted batch in B.Tech - Mechanical Engineering.

Resolution Item 2: The scheme, syllabus and CO's of the subjects of II semester, B.Tech – Mechanical Engineering (2025-26 batch) were presented in the meeting for discussions. With due consensus the members agreed to keep all the courses, their CO's and, respective scheme and syllabi intact and, thus proposed **no changes for the same.**

Agenda Item 3: To propose change in scheme/syllabus of theory/practical's and Course Outcomes (CO's), if any, for the subjects in IV semester (2024-2025 admitted batch) and, VI semester (2023-2024 admitted batch) of B.Tech - Mechanical Engineering.

Resolution Item 3: The members affirmed that the scheme, syllabus and, CO's of all the subjects of IV semester, (2024-25 admitted batch) and VI semester (2023-24 admitted batch), B.Tech.- Mechanical Engineering needs no amendment, since the ongoing scheme and syllabi of IV and VI semester were discussed and, approved in the BOS held in June 2024.

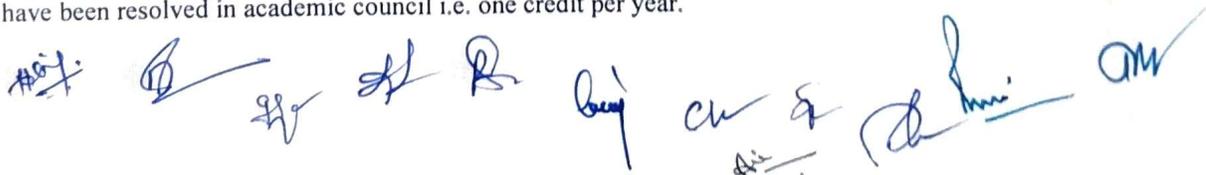
To comply with the instructions of AICTE, it has been decided to introduce the non-credit Mandatory Audit Course (MAC) titled: **“Disaster Management and Preparedness”** for all students of IV semester B.Tech Mechanical Engineering. The board discussed the contents of the proposed syllabus for this subject and **agreed to approve the same. The updated scheme with inclusion of MAC has been approved.** As suggested by Dr. Pratesh Jaiswal, some CO's may have modification in future based on the attainment.

Agenda Item 4: To propose modified bucket of Open Electives (OE-II) for VI semester of other engineering streams within institute, along with their syllabi of theory/practical's and Course Outcomes (CO's).

Resolution Item 4: A modified list of Open Electives (OE – II) has been proposed with two new course: **OE 605 (B) Introduction to Drone Technology,** and, **OE 605 (C) Fundamentals of Robotics Engineering.** The modified list and contents of syllabi of these courses have been **discussed and approved.**

Agenda Item 5: To propose the updated scheme of VIII Semester for 2022-2023 admitted batch in B.Tech – Mechanical Engineering.

Resolution Item 5: An updated unified scheme for the students of VIII semester (2022-23 admitted batch) received from academic section was presented in the BOS meeting and with mutual consensus the board members **agreed to approve the newly proposed scheme.** Regarding the credits of extra-curricular activities which is proposes one credit each year; it was suggested by Dr. Pratesh Jaiswal that the credits must be considered from 2nd year itself and not from 1st year; but as the rubrics for assessment already resolved and approved in academic council, all the B.O.S. members have agreed to keep intact with what have been resolved in academic council i.e. one credit per year.



Agenda Item 6: To propose the modified list of courses through Swayam /NPTEL for Honours and Minors degree in B.Tech – Mechanical Engineering as per AICTE model curriculum.

Resolution Item 6: A modified list of courses for minor degree in B.Tech – Mechanical Engineering (for students of other engineering streams within institute) and, honors degree in B.Tech – Mechanical Engineering (for students of Mechanical Engineering) has been proposed. The modified list of minor degree and honors degree has been **updated based on the upcoming Jan-Jun 2026 semester of NPTEL/ Swayam. The board members approved the same without any amendments.**

Agenda Item 7: To discuss and recommend the scheme structure & syllabi of PG Programme, M.E. – Advanced Production Systems, along with their CO's and, the scheme structure and syllabus of Ph.D. Course Work.

Resolution Item 7: The scheme structure and syllabi of PG programme, ME-Advanced Production Systems was presented on chair and with mutual consensus the board agreed to approve the same without any amendments. It was presented in the meeting that as per the Ordinance No. 11, section 40 (1) of R.G.P.V. Bhopal; the courses of total 12 credits for the doctoral research scholars are recommended by their specific RAC. One compulsory subject of Research Methodology (4 credits) is to be opted by the scholar mandatorily, while the other subjects are usually opted from the subjects within the schemes of M.E. Advance Production Systems. The board members agreed with this format of university and suggested no further amendments at the departmental or institutional level.

Meeting concluded with the chairman extended thanks to all members for their valuable suggestions.


Dr. Sanjay Kataray


Prof. Sanjay Jain


Prof. Sandeep Jain


Dr. Ravindra M. Saxena


Dr. Kamlesh Sharma


Prof. J.P. Shakya


Prof. Pankaj Sonkusare


Dr. Pradeep Singh


Prof. Nikhil Mohan Vyas


Dr. Alok Jain


Dr. Pankaj Agarwal