



Swami Keshvanand Institute

of Technology, Management & Gramothan
(An Autonomous Institute Affiliated to Rajasthan Technical University, Kota)
(Accredited by NAAC with A++ Grade & UG Engineering Programs by NBA)

Department of Mechanical Engineering



Date: 18.03.2026

Sub: Schedule of 3rd Meeting of Board of Studies (BOS), Mech Engg Deptt.

Date & Day: 21st March, 2026 (Saturday)

Time: 10:30 a.m. onwards

Venue: Meghnad Saha Seminar Hall, Deptt. of Mech. Engg., SKIT, Jaipur

Mode: Physical (*Online for Out stationed BOS members who cannot join physically*)

The Agenda of the meeting is stated as follows:

1. To confirm the minutes of the BOS meeting held on 09th April, 2025.
2. Review of action taken report on the decisions of the previous BoS meeting.
3. Approval of teaching scheme and course content for 3rd year, B.tech Program.
4. Approval of the following correction in course allotment in B.Tech. 1st Year

Branch	Previous	Revised (w.e.f. AY-2026-27)
Civil Engineering	Basic Electrical & Electronics Engineering.	Basic Civil Engineering
Electrical Engineering	Basic Mechanical Engineering	Basic Electrical & Electronics Engineering
Electronics & Communication Engineering	Basic Mechanical Engineering	Basic Electrical & Electronics Engineering
Mechanical Engineering	Basic Electrical & Electronics Engineering.	Basic Mechanical Engineering

5. Revision / updation of curriculum and syllabus for UG/PG programmes as per current academic requirements.
6. Approval of Change of credit system from LPT basis to self-learning hours basis as per NEP-2020.





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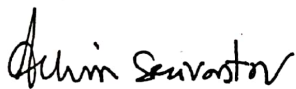
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7. Approval of inclusion of non-credit course "Disaster Management and Preparedness" in B.Tech. 3rd Year in place of Campus Recruitment Training (CRT).
8. Introduction of program electives/ open electives / interdisciplinary electives in emerging areas (as applicable)
9. Industry feedback and incorporation of industry requirements into the curriculum.
10. Discussion on internship, project work, and industrial training requirements.
11. Approval of panel of examiners and paper setters for end semester examinations.
12. Integration of research, innovation, and project-based learning in the curriculum.
13. Discussion on implementation of NEP / AICTE guidelines (as applicable).
14. Approval of value-added courses / non-credit courses/certification courses.
15. Any other agenda with the permission of the chair.

All the members of the Board of Studies (BOS), Mechanical Engineering and special invitees are requested to make it convenient to attend the above meeting.



Dr. Achin Srivastav

Convenor, BOS-Mech. Engg. Deptt.

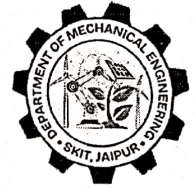
Copy to:

- Director(Academics), Principal, Dean, HOD-Maths, HOD-English
- All BOS (ME) members



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Date: 04.04.2026

Minutes of Meeting of 3rd BOS, Mech. Engg. Deptt.

The 3rd meeting of Board of Studies (BOS), Mech Engg Deptt. was held on 21st March, 2026 (Saturday) at 9:30 a.m. in the Meghnad Saha Seminar Hall, Deptt. of Mech. Engg., Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.

Members present in the meeting: *(Please refer Annexure-1: Attendance Sheet of BOS Meeting-3)*

Dr. Achin Srivastav, Convener, BOS-Mechanical Engineering, warmly welcomed all the members of the Board of Studies and the special invitees. He then briefly presented the agenda items scheduled for discussion in the meeting. The discussions, deliberations and resolutions against each agenda item are presented below:

Agenda Item 1: Confirmation of Minutes of Previous BOS Meeting

- The minutes of the Board of Studies meeting held on 09 April 2025 were presented before the members.
- The members reviewed the minutes and confirmed them unanimously without any modifications.

Agenda Item 2: Review of Action Taken Report

- The Action Taken Report (ATR) on the decisions taken in the previous BoS meeting was presented by the Convener. The members reviewed the implementation status of various decisions and expressed satisfaction with the progress made.

Agenda Item 3: Approval of Teaching Scheme and Course Content for the III Yr. B.Tech Program

- The Board reviewed the proposed revisions in the course content for the III Yr. B.Tech program to be implemented from academic Year 2026-27 onwards.
- The external members discussed with faculty coordinators associated with various courses of V & VI semester and suggested some changes related to incorporation of latest topics as per industry and market need of industry-ready engineers.
- In laboratory courses, the external members suggested to design the list of experiment with a maximum 10 experiments looking to the number of sessions available in a semester. After incorporating the necessary changes and modifications the revised course contents of V & VI semester were finalized.

(Please refer Annexure-2: Schemes & Syllabus of B.Tech Program)



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Agenda Item 4: Approval of correction in course allotment in B. Tech First Year

- The Board reviewed the proposed corrections in the course allotment for B. Tech First Year courses.
- The proposed matrix from Institute for courses to be taught for different branches of engineering in I Yr. was presented in the BOS-ME meeting. (Please see table shown below).
- All members, unanimously agreed with the proposal that Mech. Engg. Branch students should necessarily study the courses related to Basic Mechanical Engineering and manufacturing Workshop Practice.
- After discussion, the two courses for Mech. Engg. Branch students were approved by the members and recommended for implementation in the upcoming academic session. In addition, it was also decided that Manufacturing Workshop Practice will be administered for Mech. Engg. Branch students also from the session 2026-27.

Branch	Previous	Revised (w.e.f. AY-2026-27)
Civil Engineering	Basic Electrical & Electronics Engineering.	Basic Civil Engineering
Electrical Engineering	Basic Mechanical Engineering	Basic Electrical & Electronics Engineering
Electronics & Communication Engineering	Basic Mechanical Engineering	Basic Electrical & Electronics Engineering
Mechanical Engineering	Basic Electrical & Electronics Engineering	Basic Mechanical Engineering

Agenda Item 5: Revision / Updation of Curriculum and Syllabus for courses in I & II Yr. UG/PG programs as per current academic requirements

- The Board discussed the minor revisions and modifications in the curriculum proposed by ME Deptt for a few courses of UG and PG programs.
- This was done to align the courses with current academic, technological, and industry requirements. The proposed updates were approved by the Board.
- The syllabus of following courses of were modified by the due approval of members present:
 - MEUL303: Mechanics of Solids
 - MEUP422: Production Engineering Lab

(Signatures)



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Agenda Item 6: Approval of change of Credit System from LTP to Self-Learning Hours basis as per NEP-2020.

- The Board reviewed the proposal to shift the credit system from the traditional LTP (Lecture-Tutorial-Practical) model to the Self-Learning (SL) and term Work (TW) Hours based credit system in accordance with NEP-2020 guidelines. For each credit in theory course 30 hours of teaching pedagogy was proposed comprising class room teaching by faculty and SL+TW hours.
- The Convener presented to members the planning of executing SL and TW in different courses covering activities such as assignments, NPTEL-MOOCs, case studies, literature survey, problem-based learning, simulations, complex design based problems etc. The list suggested by Director(Acad.) of different tools and methods of SL & TW was presented before the members.
- After deliberation, the members approved the SL+TW tools for II, III and IV semester B. Tech courses. The schemes and syllabus formats of all semesters were modified accordingly in the light of this new development.

Agenda Item 7: Approval for Inclusion of Non-Credit Course – Disaster Management and Preparedness and Indian Constitution

- The Board approved the introduction of a non-credit course titled “Disaster Management and Preparedness” in B.Tech 3rd Year, replacing the existing Campus Recruitment Training (CRT) course.
- The members appreciated the initiative considering the relevance of disaster preparedness in present times.
- In addition, the syllabus of another audit course Indian Constitution was also discussed and approved in the meeting. *(Please refer Annexure-3: Syllabus of Disaster Management and Preparedness)*

Agenda Item 8: Introduction of Program / Open / Interdisciplinary Electives

- The Board discussed the introduction of program electives, open electives, and interdisciplinary electives in emerging areas to enhance students' interdisciplinary learning and industry readiness.
- As per the suggestions by the experts two open electives each for V & VI semester were proposed. *(Please refer Annexure-4: List of Open Electives & Syllabus offered by ME Deptt)*

Agenda Item 9: Industry Feedback and Curriculum Improvement

- Industry feedback collected from industry experts, recruiters, and alumni was presented before the Board.



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engineering students. It was felt that the course will enable engineers to navigate societal issues, adhere to environmental laws, and uphold democratic values, making them better nation-builders. (Please refer Annexure-6: Syllabus for Indian Constitution)

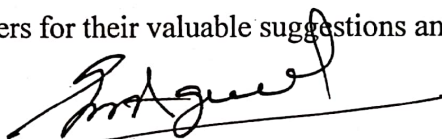
Any Other Item with Permission of the Chair

- **Review of Academic Performance and Result Analysis:** The Board reviewed the academic performance and result analysis of students. The members discussed measures to improve academic outcomes, including remedial classes, mentoring, and continuous assessment mechanisms.

The Convener thanked all the members for their valuable suggestions and active participation.



Dr. Achin Srivastav
Convener-BOS



Dr. G. D. Agarwal
(Subject Expert)


Dr. Gunjan Soni
(Subject Expert)

Dr. A.K. Chaturvedi (Joined online)
(University Nominee)

(Joined online)
Mr. Kirti Jain
(Institute Alumni)

(Joined online)
Mr. Ajay Kr. Bhardwaj
(Industry/Corporate Member)

Annexures:

- Annexure-1. Attendance Sheet of the BOS Meeting-3
- Annexure-2. Schemes & Syllabus of B.Tech Program
- Annexure-3. Syllabus of Disaster Management and Preparedness (Audit Course)
- Annexure-4. List of Open Electives offered by ME Deptt for V & VI semester of B.Tech Program
- Annexure-5. 5.1: Panel of External Examiners
5.2: Panel of Internal Examiners
5.3: List of Examiners
- Annexure-6. Syllabus for Indian Constitution (Audit Course)

Copy to:

- Director, Director(Academics), Principal, Dean, Registrar
- All BOS-Mech. Engg members



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Attendance Sheet of 3rd Meeting of Board of Studies (BOS), Mech Engg Deptt.

Date & Day: 21 March, 2026 (Saturday)

Time: 10:30 a.m. onwards

Venue: Meghnad Saha Seminar Hall, Deptt. of Mech. Engg., SKIT, Jaipur

S.No.	Name of Attendee	Role	Signature
1.	Dr. Dheeraj Joshi	(Head, Mech. Engg. Deptt)	
2.	Dr. A.K.Chaturvedi	Member (University Nominee)	Joined online
3.	Dr. G.D.Agarwal	Member (External Subject Expert, Nominated by Academic Council)	
4.	Dr. Gunjan Soni	Member (External Subject Expert, Nominated by Academic Council)	
5.	Mr. Ajay Kumar Bhardwaj	Member (Industry/Corporate Sector, Nominated by Principal)	Joined online
6.	Mr. Kirti Jain	Member (Institute Alumni, Nominated by Principal)	Joined online
7.	Prof. Naresh Chand Bhandari	Member	
8.	Prof. Ashish Nayyar	Member	
9.	Prof. Manu Augustine	Member	
10.	Dr. Dharmendra Hariyani	Member	
11.	Dr. Manoj Kumar Sain	Member	
12.	Dr. Chandan Kumar	Member	
13.	Dr. Vikash Gautam	Member	
14.	Dr. Achin Srivastav	Member (convenor)	
15.	Dr. Deepak Kumar	Member	
16.	Dr. Prem Singh	Member	
17.	Mr. Ankit Kumar Agarwal	Member	
18.	Mr. Praveen Saraswat	Member	
19.	Mr. Sushil Surana	Member	



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20.	Mr. Amit Kumar Bansal	Member	
21.	Mr. Ajay Kumar Dhanopia	Member	
22.	Mr. Vinay Singh Marwal	Member	
23.	Ms. Monika Khurana	Member	
24.	Mr. Pramod Jain	Member	
25.	Mr. Sandeep Kumar Bhaskar	Member	
26.	Mr. Arun Beniwal	Member	
27.	Dr. Dinesh Kumar Sharma	Member	
28.	Mr. Nitin Goyal	Member	
29.	Mr. Monu Gupta	Member	
30.	Ms. Sumita Hemrom	Member	
31.	Mr. Sanjay Choudhary	Member	
32.	Mr. Saurabh Gupta	Member	
33.	Mr. Sudesh Garg	Member	
34.	Mr. Sunil Kumar	Member	
35.	Ms. Namita Soni	Member	
36.	Mr. Chandra Mohan Kumar	Member	
37.	Mr. Yogesh Kumar Sharma	Member	
38.	Mr. Brij Mohan Sharma	Member	
39.	Mr. Trivendra Kumar Sharma	Member	
40.	Mr. Manoj Kumar	Member	— LEFT —
41.	Mr. Vishnu Jangid	Member	
42.	Mr. Naveen Kumar Sain	Member	on study leave
43.	Dr. Raj Kumar	Member	
44.	Dr. Amit Jhalani	Member	
45.	Mr. Sanjay Bairwa	Member	
46.	Mr. Madhukar Kumar	Member	
47.	Mr. Nikhil Sharma	Member	
48.	Mohd. Suhaib	Member	