



DEPARTMENT OF CIVIL ENGINEERING
BOARD OF STUDIES MEETING

**MINUTES OF THE MEETING OF BoS OF CIVIL ENGINEERING DEPARTMENT
HELD ON JUNE 14, 2025 AT 10:30HRS**

VENUE: CHAMBER OF THE HEAD OF THE DEPARTMENT

Agenda Points:

1. To review the Vision and Mission of Civil Engineering Department for the Academic Programs 2025-26.
2. To review and design the Program Educational Objectives (PEOs), Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course outcomes (COs) for the Civil Engineering Department syllabus of Academic Programs 2025-26.
3. To propose a value-added course, 'SUSTAINABLE CONSTRUCTION PRACTICES IN CIVIL ENGINEERING' for B. Tech. students. This can be considered as a summer training wherever applicable and with a course fee of 1000/- per candidate.
4. To remove the condition of 75% marks in the first year to opt the minor specialization from the B.Tech. Civil Engineering Honors Programme.
5. Changes as required in ECE512 (Geotechnical Engineering) and ECE612 (Public Health Engineering).
6. Discussion and approval of proposed changes in the M.Tech (Structural & Construction Engineering) syllabus of Academic Program 2025-26.
7. Inclusion of certain topics semesters wise to support tinkering lab courses
8. Inclusion of Stakeholders Feedback &ATR
9. AAA Audit 2024-25 Proforma (All Criteria)- Signed report [IQAC Coordinator]
10. Any other matter with the permission of chair.

Level of the program: PG & UG

Name of the programmes: M.Tech (Structural & Construction Engineering) & Bachelor of Technology (Civil Engineering)





The BoS meeting of Civil Engineering Department was held on June 14, 2025 and the following members were present in the meeting:

S. No.	External Expert/Chairperson/Faculty	Designation
1	Prof. S.S. Gupta	Professor/External Expert
2	Dr. Ashish Simalti	Head of the Department/ Chairperson
3	Dr. Sankulp Goyal	Associate Professor/Member nominated by Director
4	Prof. R.K. Jain	Professor & Member
5	Mr. A.K. Pipersenia	Associate Professor/Member
6	Mr. Siddharth Mathur	Assistant Professor/Member
7	Mr. Ankit Varshney	Assistant Professor/Member
8	Mr. Gaurav Jaiswal	Assistant Professor/Member
9	Ms. Nikita Jain	Assistant Professor/Member

The chairperson welcomed the members for the meeting of BoS and the following points were discussed:

Agenda 1: To review Vision and Mission of Civil Engineering Department for the Academic Programs 2025-26.

Action Taken:-The vision and mission of the Civil Engineering department are approved by the Expert in the presence of BoS Members

Agenda 2: To review and design the Program Educational Objectives (PEOs), Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course outcomes (COs) for the Civil Engineering Department syllabus of Academic Programs 2025-26.

Action Taken: - The Program Educational Objectives (PEOs), Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course outcomes (COs) for the Civil





Engineering Department are reviewed and approved by external expert in the presence of BOS Members.

Agenda 3: To propose a value-added course, ‘SUSTAINABLE CONSTRUCTION PRACTICES IN CIVIL ENGINEERING’ for B. Tech. students. This can be considered as a summer training wherever applicable and with a fee of the course is decided 2000/- per candidate.

Action Taken:-The value-added course, ‘SUSTAINABLE CONSTRUCTION PRACTICES IN CIVIL ENGINEERING’ is approved by external expert as summer training with the mentioned fees. **(Annexure 02)**

Agenda 4: To remove the condition of 75% marks in the first year to opt the minor specialization from the B.Tech. Civil Engineering Honors Programme.

Action Taken:-Chairperson and Bos members are requested to review the clause of having 75% marks in the first year for opting minor specialization in honor’s programme, after reviewing its external member is recommended and approved to remove the clause for obtaining the honors in the programme.

Agenda 5: Changes as required in ECE512 (Geotechnical Engineering), ECE413 (Engineering Geology & Soil Mechanics), ECE614 (Estimation & Costing), ECE711 (Advanced Computer Aided Design (CAD)) and ECE612 (Public Health Engineering).

Action Taken:-The syllabus of B.Tech (Civil Engineering) was presented. Some modifications in the curriculum of B.Tech (Civil Engineering) has been discussed and ratified. The details of the changes are made in the following courses:

S. No	Name & code of the courses added	Name & code of the courses deleted	Name & code of the courses where revision is more than 20%	Name of the stakeholder from where the inputs have been received	Need/rationale to justify the revision
1	Geotechnical Engineering –I With Course Code	Geotechnical Engineering &		Alumni, Faculty, Student,	Subject is divided into two parts as the syllabus is too lengthy to cover in one semester. Now the

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	ECE416 And Foundation Engineering With Course Code ECE516	ECE512		Employer, Professional experts	amended syllabus is divided in to different two courses named as Geotechnical Engineering –I with course code ECE-416 and Foundation Engineering with course code ECE516 which has been introduced in the fourth & fifth semester of programme curriculum respectively. (Annexure I enclosed)
2.			Learning by Project Based Entrepreneurial Initiative – 1(BLPBEI201)	Alumni, Faculty, Student, Employer, Professional experts	1. To foster creativity and innovation by encouraging multidisciplinary collaboration and reverse engineering of household appliances like fans, televisions, and washing machines, enabling students to synthesize diverse ideas and develop practical, ground-breaking solutions to real-world problems. 2. To ensure all incoming students are familiar with the newly established Tinkering Lab, it is requested to integrate Tinkering Lab components into relevant theory courses.
3.			Learning by Project Based Entrepreneurial Initiative – 2(BLPBEI401)	Alumni, Faculty, Student, Employer, Professional experts	1. To provide hands-on exposure to microprocessor-based applications, enabling students to bridge theoretical circuit concepts with real-world embedded system projects like smoke detectors and distance measurement tools. 2. To ensure all incoming students are familiar with the newly established Tinkering Lab, it is requested to integrate Tinkering Lab components into relevant theory courses.
4.			Learning by Project Based Entrepreneurial Initiative – 3(	Alumni, Faculty, Student, Employer,	1.To enhance students' problem-solving and innovation skills through hands-on projects that apply engineering principles to real-world

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			BLPBEI601)	Professional experts	challenges, fostering creativity, teamwork, and practical implementation. 2. To ensure all incoming students are familiar with the newly established Tinkering Lab, it is requested to integrate Tinkering Lab components into relevant theory courses.
5.			Estimating & Costing, ECE614		The change in the syllabus has been done as per the curriculum need of current scenario & market requirements. (Annexure I enclosed)
6.			Public Health and Environmental Engineering, ECE612		The change in the syllabus has been done as per the curriculum need of current scenario & market requirements. (Annexure I enclosed)
7.			Advanced Computer Aided Design (CAD) & EEC711		The change in the syllabus has been done as per the curriculum need of current scenario & market requirements. (Annexure I enclosed)
8.			Engineering Geology & Soil Mechanics. ECE413		As the Geotechnical Engineering I subject has been introduced in the IV semester due to this the third unit of ECE413 was repeating, so the unit 3 has been removed. Now, to make content of third unit of ECE 413, the content of Unit 2 & unit 1 is rearranged. Note: The content of syllabus is less than 20% (Annexure I enclosed)

(Annexure-01)

Agenda 6: Discussion and approval of proposed changes in the M.Tech (Structural & Construction Engineering) syllabus of Academic Program 2025-26.

Action Taken:- Civil Engineering Department has proposed some changes with the permission of chair in the syllabi of **M.Tech (Structural & Construction Engineering)** for

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the upcoming session 2025-26. After discussion there are no changes in the syllabus and approved as previously for the upcoming session by the expert.

Agenda 7: Inclusion of certain topics semesters wise to support tinkering lab course

Action Taken:- The proposed topic has been incorporated in suggested semester.

(Annexure-01)

Agenda 8: Inclusion of Stakeholders Feedback &ATR

Action Taken:-As Discussed with the chair.

Agenda 9: AAA Audit 2024-25 Performa (All Criteria) - Signed report [IQAC Coordinator]

Action Taken:-As Discussed with the chair.

Agenda 10: Any other matter with the permission of chair.

Action Taken:- The BoS members recommended the replacement of the term 'With Honors in' to "with specialization in" **Automation for Sustainable Infrastructure** offered by the Department of CE for the academic session 2025-26. The Department of Civil Engineering has proposed a total of 191 credits for the degree program. However, to be awarded a certificate in a minor specialization (Automation for Sustainable Infrastructure), students must complete an additional 20 credits. This proposal was approved by the BoS members. **(Annexure 01)**

The meeting ended with a note of thanks.

Dr Ashish Simalti
Assistant Professor & Head
Head, CED
TMU, Moradabad

Dr SS Gupta (External Expert)
Professor & Dean,
College of Tech.
GBPUA&T, Pantnagar



Dr R K Dwivedi
Professor & Dean
Faculty of Engineering
TMU, Moradabad





College of Engineering
Attendance Sheet for BoS

Date: 14/06/2025

Department of Civil Engineering
Attendance Sheet

S. No.	External Expert/Chairperson/Faculty	Designation	Signature
1	Prof. S.S. Gupta	Professor/External Expert	
2	Dr. Ashish Simalti	Head of the Department/Chairperson	
3	Dr. Sunkulp Goel	Associate Professor/Member nominated by Director	
4	Prof. R.K. Jain	Professor & Member	
5	Mr. A.K. Pipersenia	Associate Professor/Member	
6	Mr. Siddharth Mathur	Assistant Professor/Member	
7	Mr. Ankit Varshney	Assistant Professor/Member	
9	Ms. Nikita Jain	Assistant Professor/Member	
10	Mr Gaurav Jaiswal	Assistant Professor/Member	

GLIMPSE OF CE-BOS 2025-26

