

**Minutes of the 8th Board of Studies Meeting of the Civil Engineering held at
4.00 pm onwards on October 9th 2024**

The 8th meeting of the Board of Studies Meeting of Civil Engineering was held at 4.00 pm on October 9th 2024 in the committee room of the Civil Engineering Department. The following attended the meeting:

1. Prof. Raj Mohan Singh, MNNIT Allahabad, Member
2. Mr. Arvind Garg, Technpro Engineers Private Limited, Kanpur, Member
3. Prof. Deepesh Singh, Member
4. Ms. Kajol Priya, Civil Engineering, HBTU Kanpur
5. Dr. Kavita Tandon, Member
6. Mr. Manish Kumar, Member
7. Mr. Shivani Koshtha, Member
8. Mr. Jay Prakash, Member
9. Prof. Pradeep Kumar, Member
10. Prof. Dipteek Parmar, Head, Civil Engineering, Chairman, BoS

The following could not attend the meeting:

1. Prof. Animesh Das, IIT Kanpur
2. Prof. Sudip Kumar Misra, IIT Kanpur, Member
3. Prof. Mukesh Sharma, IIT Kanpur
4. Mr. Arvind Kumar Singh, Kanpur Metro
5. Dr. Rajiv Ganguly, Member
6. Dr. Riya Catherine George, Member

At the outset, the Head of Civil Engineering Department, and Chairman, BoS welcomed all the members. Subsequently, the following Agenda items were considered and deliberated upon by the BoS. The BoS finally resolved the following unanimously:

**Agenda 8.1: Approval of Examiners/Paper setters (Internal & External) for B.Tech.
(Theory & Practical) Examination for the Odd & Even Semester of the
Academic Session 2024-25.**

Decision: The BoS perused the proposed list and unanimously approved the panel of examiners Examiners/Paper setters (Internal & External) for B.Tech. (Theory & Practical) Examination for the Odd & Even Semester of the Academic Session 2024-25. The same is presented at Annexure 1(A)

**Agenda 8.2: Approval of Examiners/Paper setters (Internal & External) for M.Tech.
(Theory & Practical) Examination for the Odd & Even Semester of the
Academic Session 2024-25.**

Decision: The BoS perused the proposed list and unanimously approved the panel of examiners Examiners/Paper setters (Internal & External) for M.Tech. (Theory & Practical) Examination for the Odd & Even Semester of the Academic Session 2024-25. The same is presented at Annexure 1(B)

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Agenda 8.3: Approval of External Examiners for B.Tech project and M.Tech. Thesis evaluation for the session 2024-25.

Decision: The BoS perused the proposed list and unanimously approved the panel of examiners Examiners/Paper setters (Internal & External) for B.Tech project and M.Tech. Thesis evaluation for the Academic Session 2024-25. The same is presented at Annexure 2.

Agenda 8.4 Approval of syllabus of Program Elective-III and Open Elective Subjects in 3rd semester of M.Tech. (Environmental Science Engineering) from 2024-25 onwards.

Decision: The BoS perused the syllabus of Program Elective-III and Open Elective Subjects in the 3rd semester of M.Tech. (Environmental Science Engineering) (as applicable from 2024-25 onwards) and unanimously approved the same. The syllabus of Programme Elective-III titled "Transport of water and wastewater" (NCE 603) and Open Elective titled (a) "Environmental Pollution and Management" (OCE 601), (b) "Introduction to Infrastructure Engineering" (OCE 603) and (c) Introduction to Remote Sensing and GIS (OCE 605) is presented at Annexure 3.

Agenda 8.5: Approval of Courses for "Minor" in Civil Engineering

Decision: The BoS unanimously approved (post-facto) the basket of courses as proposed for the "Minor Degree" in "Civil Engineering". The basket of courses for the same is presented at Annexure 4.

Agenda 8.6: Approval of Courses for "Minor" in Environmental Engineering.

Decision: The BoS unanimously approved (post-facto) the basket of courses as proposed for the "Minor Degree" in "Environmental Engineering". The basket of courses for the same is presented at Annexure 4.

Agenda 8.7: Approval of Courses for "Honors" in Civil Engineering.

Decision: The BoS unanimously approved (post-facto) the basket of courses as proposed for the "Honors" in "Civil Engineering". The basket of courses for the same is presented at Annexure 4.

Agenda 8.8: Modification of syllabus of open elective titled "Environment and Ecology" in B.Tech. 3rd year (5th semester).

Decision: The Head, Civil Engineering informed the members that because of typographical errors, there was a mistake in the syllabus of an Open Elective titled "Environment and Ecology" (OCE 301) which was approved earlier. The corrected/revised syllabus is being put up before the house. The BoS perused the syllabus and unanimously approved (post-facto) the same. The corrected syllabus is presented at Annexure 5.

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Agenda 8.9: Change in the L-T-P Structure and Credits of few subjects of B.Tech. (CE) 3rd semester.

Decision: The Head, Civil Engineering apprised the members that because of few typographical errors, there were few mistakes in the L-T-P structure of few subjects in the course structure of B. Tech (Civil), 3rd semester. The details of the L-T-P Structures of these courses (old and the corrected ones) are given herein.

FM (NCE 201): 3-1-0 be replaced by 2-1-0 (Total Credit = 3)

GE-I (NCE 207): 2-1-2 be replaced by 3-1-2 (Total Credit = 5)

The BoS unanimously approved (post-facto) the revised L-T-P structure.

Agenda 8.10: Any other matter with the permission of Chair.

Agenda Item 8.10.1

1. The Head, Civil Engineering apprised the members that for the last few years, the enrollment in the M.Tech (Environmental Sciences and Engineering) programme is very low. This issue was also discussed at length in the 6th BoS of the department held on October 22nd 2022. It was observed that the course structure and syllabus of this M.Tech programme is interdisciplinary in nature. Arising out of this, the members opined that the eligibility for admission to this M.Tech programme be broadened in line with that of IIT Kanpur / IIT Mumbai and many other institutes etc so candidates from basic sciences and B.Tech from other branches could also be considered for admission to this programme. The members were also informed that prior to 2016 (when the HBTI Kanpur was affiliated to Dr. AKTU Lucknow), candidates from other branches were also eligible and many of them performed well in their studies and dissertation.

Decision: The issue was deliberated at length and the BoS unanimously resolved that the candidates with the following essential qualification in disciplines/branches be considered for admission to M.Tech (Environmental Science and Engineering) programme:

- a) B.Tech in any branch of engineering/technology, provided they have studied Mathematics up to their 12th standard (intermediate level). (Though preference be given to candidates from Civil Engineering/Environmental Engineering/ Chemical Engineering/Chemical Technology/ Biochemical Engineering/Food technology/ Leather Technology/Biotechnology). In case, the candidates have not studied mathematics up to their 12th standard, they shall have to complete a bridge course in Mathematics (Mathematics-I).
- b) M.Sc (Chemical Sciences)/ Chemistry/Environmental Sciences/Life Sciences. However, all such candidates should have studied Mathematics up to their 12th standard (intermediate level). In case, the candidates have not studied mathematics up to their 12th standard, they shall have to complete a bridge course in Mathematics (Mathematics-I).

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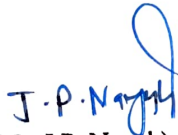
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Agenda Item 8.10.2

It was proposed that the First Year course of Engineering Graphics (NCE 103/104) should be modified to meet the present time demand of industries. It is observed that the engineering drawing related courses are not taught in most of the school curriculum. In the absence of any foundation course at school level, the students find it difficult to pick up the EG class lectures/lab and do not take it seriously. Presently, the course is a practical course of (L T P C 0-0-4-2). It is proposed that the existing manual drafting based Engineering Graphics course be changed to computer software (Auto Cad) related course.

Decision: The matter was deliberated at length and the BoS agreed to approve the proposal for changing the existing course contents of EG from manual to computer based (Auto Cad) from the Academic Session 2025-2026.

The meeting ended with thanks to the chair.



(Mr. J.P. Nayak)
Assistant Professor, CED
Member



(Ms. Kajol Priya)
Assistant Professor, CED
Member



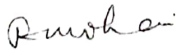
(Ms. Shivani Koshtha)
Assistant Professor, CED
Member



(Dr. Kavita Tandon)
Assistant Professor, CED
Member



(Mr. Manish Kumar)
Assistant Professor, CED
Member



(Prof. Raj Mohan Singh)
External Member



(Dr. Deepesh Singh)
Professor, CED
Member

(Mr. Arvind Garg)
External Member



(Dr. Diptee Parmar)
Professor & Head, CED
Chairman