

**MINUTES OF BOARD OF STUDIES OF
CIVIL ENGINEERING & APPLIED MECHANICS HELD ON 03-06-2022.**

A meeting of Board of Studies of Civil Engineering & Applied Mechanics Board was held on 03-06-2022 at 12: 00 PM in Board Room of the department.

Following Members were present:

1.	Dr. H.K. Mahiyar	:	Chairman (HOD, CE-AMD)
2.	Dr. V. R. Rodc	:	Member
3.	Dr. (Mrs.) V. Tare	:	Member
4.	Dr. S.M. Narulkar	:	Member
5.	Dr. S.B. Ajmera	:	Member
6.	Prof. M.K. Laghate	:	Member
7.	Prof. Devendra Dohare	:	Member
8.	Prof. S.K. Ahirwar	:	Member
9.	Prof. V. Tiwari	:	Member
10.	Prof. T.K. Narnaure.	:	External Member, (Professor CED, IISc., Bangal
11.	Prof Ashish Verma	:	External Member ((Prof. CED IIT Indore))
12.	Dr. Sandeep Choudhary	:	External Expert (Associate Prof. NIT, Surat)
13.	Prof. Y. D. Patil	:	External Member (Chief Engineer, RRCAT, Indore)
14.	Er. Govind Parchani.	:	External Member (Head, EHS, RSPL Ltd.)
15.	Er. Himanshu Tilwankar	:	Special Invitee (Add. Commissioner PMAY)
16.	Ms. Bhavya Mittal	:	

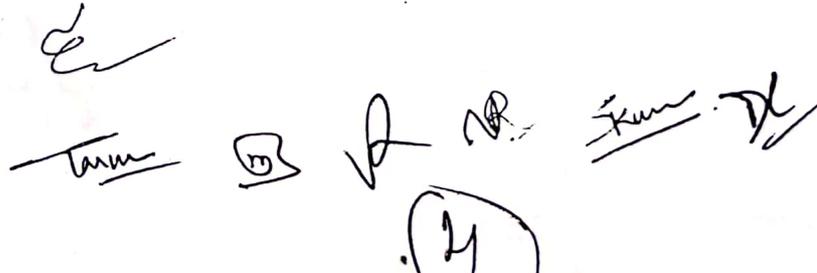
At the outset the Chairman welcomed all the members.

The deliberations of the meeting are summarized below:

1. **Item No. 1: Regarding Under Graduate Course.**

The following changes in the scheme and syllabus of undergraduate course of Civil Engineering are Proposed by BOS :

1. In IVth semester the subject Transportation Engineering (CE-21503) is proposed to be renamed as Transportation Engineering-I. The existing and proposed syllabus enclosed for approval.(Annexure I/01)
2. In Vth Semester, Elective-I subject namely Advanced Highway and Airport Engineering (CE-31601) is proposed to be renamed as Transportation Engineering II. The existing and proposed syllabus is enclosed for approval.(Annexure I/02)
3. It is proposed that two topics namely "Design of Septic Tanks and Imhoff Tanks" shall be added to Unit 5 of the existing syllabus of Elective-II i.e. Water and Wastewater Treatment Technologies (CE-31703) of VIth Semester. The existing and proposed syllabus is enclosed for approval. (Annexure I/03)
4. The list of subjects shown under Elective-V & Elective-VI are reshuffled and the revised list is enclosed in Annexure I/04.
5. In VIIIth semester, possibility of introducing a new subject "Alternate & Innovative Construction Practices For Housing" was discussed but the same was not found appropriate looking to the content & decided to defer it future.



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2. Item No. 2: Regarding Post Graduate Courses :

The following changes in the scheme and syllabus for four different M. Tech. courses of Post-Graduate course are proposed by BOS

I. Regarding M. Tech. Transportation Engineering :

1. In the 1st semester, it is proposed that the subject Airport Infrastructure Planning and Design (CE-54211) is to be removed from the list of Elective-I and in place of it, new subject viz. Railway and Airport Infrastructure Planning and Design (CE.....) to be added in the list of Elective-I. The existing and proposed syllabi are attached for approval. **(Annexure II/01)**
2. In the 1st Semester, it is proposed that the Railway Infrastructure Planning and Design (CE-54311) is to be removed from the list of Elective-II and also proposed to reshuffle the Elective-II and Elective-III. The existing and proposed syllabi are attached for approval. **(Annexure II/02)**
3. In the IInd semester, minor changes have been proposed in the syllabus of the subject Transportation Planning and Infrastructure Design (CE-54761). A new topic Intelligent Transport System (ITS) is to be introduced as unit II. The existing and proposed syllabi are attached for approval. **(Annexure II/03)**

II. Regarding M. Tech. Water Resource and Env. Engg. :

Following Changes are Proposed:

1. The course of M.E. Water Resources and Environmental Engineering was started from year 2021. In 1st semester, it is proposed to introduce a subject namely Environmental Chemistry with 3 theory credits and practicals without credit in place of the subject System Mathematics and Mathematical Modelling. The syllabus of the subject Environmental Chemistry is enclosed. **(Annexure II/04)**
2. It is also proposed to make minor changes in the syllabus of Stochastic Hydrology in order to meet requirement of removal of subject System Mathematics and Mathematical Modelling. The proposed and previous syllabus is also attached here. **(Annexure II/06)**
3. In the IInd semester, it is proposed to introduce Elective-III Lab., Elective-IV Lab and Storage Structure Lab in place of seminar, term paper and minor project. The modified scheme along enclosed. **(Annexure II/05)**

III. Regarding M. Tech. Environmental Engineering : Following Changes are Proposed:

1. In the 1st Semester for the subject Advanced Concrete Technology Lab the Credit under Practical is reduced to 1 in place of 2 for making the similarity with other specializations viz. M. Tech. structures, M. Tech. Transportation and M. Tech. Water Resource and Environmental Engineering. It is also proposed to Introduce Seminar in 1st Semester with 1 credit under Practical.
2. In the IInd Semester it is proposed to introduce Elective-IV lab with 1 Credit under Practical in place of Seminar. The old and new scheme of exam is enclosed. **(Annexure II/07).**
3. In the IInd Semester, a lab in Elective-IV has been introduced in place of term paper.

The meeting ended with vote of thanks to the chair.


(Dr. H. K. Mahiyar)

Chairman, BOS, CE-AMD Board.

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