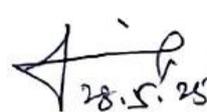
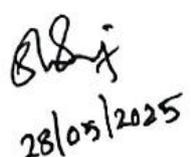


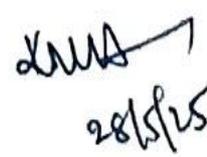
DEPARTMENT OF CIVIL ENGINEERING

Venue: Room No: A002

Date : 28.05.2025

Time : 10.30 AM

S. No	Name and Designation	Position in Committee	Signature with Date
1	Dr.P.Magudeaswaran Professor and Head of the Department, Department of Civil Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore - 641109	Chairperson	 28/05/2025
2	Dr.R.Chithra Associate Professor, Department of Civil Engineering, Government College of Technology, Coimbatore - 641013	University Nominee	 28/5/25
3	Dr.C.Gajendran Professor, Department of Civil Engineering, SNS College of Technology Coimbatore - 641035	Subject Expert	 28.5.25
4	Dr. E.Arunraj Assistant Professor Department of Civil Engineering, Karunya Institute of Technology and Sciences, Coimbatore - 641114	Subject Expert	 28/5/25
5	Er.M.Saravana Prabhu Managing Partner, Sree Sakthi Associates, Engineers and Builders, New Siddhapudur, Coimbatore - 641044	Industry Representative	 28/5/25
6	Er. B. Sivasankar Junior BIM Engineer CADS Software India Private Limited, Coimbatore - 641004	Alumni	 28/05/2025

7	Prof. K. Sivakumar Assistant Professor, Department of Civil Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore - 641109	Member	 28/5/25
8	Prof. K. Revathi Assistant Professor, Department of Civil Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore - 641109	Member	 28/5/25
9	Prof. G. R. Seenivasan Assistant Professor, Department of Civil Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore - 641109	Member	 28/5/25
10	Prof. R. Sibi Assistant Professor, Department of Civil Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore - 641109	Member	 28/5/25
11	Prof. P. Kalaivani Assistant Professor, Department of Civil Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore - 641109	Member	 28/5/25
12	Prof. M. P. Revathi Assistant Professor, Department of Civil Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore - 641109	Member	 28/5/25

Agenda:

- i. Scheme and regulation for the batch of students to be admitted in the academic year 2023-2024 onwards under regulation 2023. Passing of syllabi for the 5th, 6th, 7th and 8th semesters.
- ii. Syllabi for the categories Humanities and Social Sciences (HS), Basic Sciences (BS), Engineering Sciences (ES), Professional Core (PC), Professional Elective (PE), Open Elective (OE) and Employability Enhancement Courses (EEC) for regulation 2023 under CBCS for the batch of students to be admitted in the academic year 2023-2024 onwards.
- iii. Panel of question paper setters and examiners.
- iv. Any other matter with the permission of the chair
- v. To approve the syllabus for 3rd and 4th semesters in the regulation 2023.

The meeting commenced with welcome address by the Chairman, Dr. P. Magudeaswaran. Then various items of agenda were taken up for discussion and after detailed discussion, the following suggestions were given by the members of board of studies.

- i. In 5th semester, Design of Reinforced Concrete Structural Elements, include eccentric loading in the 5th unit.
- ii. In Structural Analysis – I, include sway for frames in 2nd unit also.
- iii. In Foundation Engineering, include new technologies.
- iv. In Concrete and Highway Engineering Laboratory, include virtual labs links.
- v. In Design of Steel Structures, remove plastic analysis unit as it is already included in Structural Analysis - II. Instead, separate tension and compression members into two units.
- vi. In Water Supply and Waste Water Engineering, add EPANET (open-source software) for water distribution systems.
- vii. All the pre-requisites for verticals to be checked and to be given only if necessary.
- viii. No subjects shall be added to or removed from the already approved curriculum for the 1st, 2nd, 3rd, and 4th semesters.

After much deliberation, the following resolutions were passed.

Item 8.1: Resolved to approve the syllabi for the 5th, 6th, 7th and 8th semesters for the Regulation 2023 under CBCS for the batch of students admitted in the academic year 2023 – 2024 onwards.

Item 8.2: Resolved to approve the list of Examiners and Question Paper Setters.

Course where major Syllabus Revision were made (more than 20% of syllabus change):

Major syllabus changes in the following courses were proposed based on feedback received from stakeholders. The proposed changes were discussed and approved by the BoS members.

- U23CET10 – Design of Reinforced Concrete Structural Elements
- U23CET13 – Design of Steel Structural Elements

Introduction of new courses:

The following new courses are introduced in the 2023 regulation (UG) and the same were approved by the BoS Members.

- U23CEV07 – Pre-Engineered Buildings
- U23CEV08 – Formwork Engineering
- U23CEV09 – Construction Equipment and Machinery
- U23CEV11 – Advanced Construction Techniques
- U23CEV12 – Energy Efficient Buildings
- U23CEV13 – Sustainable Construction and Lean Construction
- U23CEV14 – Modern Construction Materials
- U23CEV17 – Environmental Impact Assessment
- U23CEV18 – Industrial Wastewater Management
- U23CEV20 – Environment, Health and Safety
- U23CEV21 – Environmental Policy and Legislations
- U23CEV22 – Geo- Environmental Engineering
- U23CEV24 – Soil Dynamics and Machine Foundations
- U23CEV25 – Rock Mechanics
- U23CEV26 – Earth and Earth Retaining Structures
- U23CEV27 – Subsoil Investigation
- U23CEV28 – Tunneling Engineering
- U23CEV29 – Participatory Water Resources Management
- U23CEV30 – Groundwater Engineering
- U23CEV31 – Water Resources Systems Engineering
- U23CEV32 – Watershed Conservation and Management
- U23CEV33 – Integrated Water Resources Management
- U23CEV34 – Urban Water Infrastructure
- U23CEV35 – Water Quality and Management

- U23CEV36 – Airports and Harbours
- U23CEV38 – Urban Planning and Development
- U23CEV39 – Smart Cities
- U23CEV40 – Intelligent Transport Systems
- U23CEV42 – Transportation Planning Process

% of syllabus revision made in the program : UG : 40.26%

The total number of 20 courses are categorized as follows:

1. Employability Oriented Courses – 01
2. Entrepreneurship Oriented Courses – 02
3. Skill Development Oriented Courses – 04

Since there were no other points to be discussed, the Chairman thanked all the members of the Board of Studies for their active participation, valuable suggestion and contribution made for recommending the 5th, 6th, 7th and 8th semester syllabi.

The meeting concluded by 12.30 P.M.



CHAIRMAN