

Meeting No: 36

Date: 21.01.2023

Time: 2.00 P.m

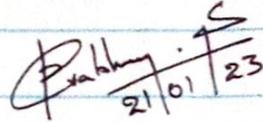
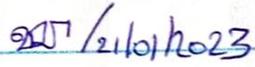
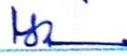
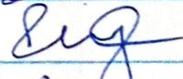
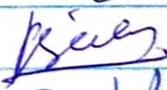
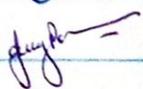
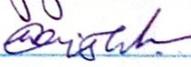
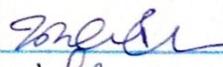
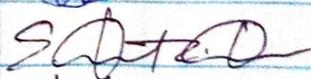
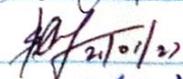
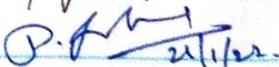
Minutes of the Board of Studies meeting held on Saturday, 19th January 2023 at 2.00 PM in IT Block Conference Hall

Agenda:

To discuss about

- * B.E Civil Engineering Curriculum and Syllabi - 2023 - revision
- * Change in nomenclature for M.E - Environmental Engineering Management
- * Verticals for B.E Honours

S.NO	NAME	SIGNATURE
1.	Dr. V. G. Srisanthi - chair Person Professor & Head, Department of Civil Engineering, C.I.T	V. G. S. 21/01/2023
2.	Dr. R. Theermozhi - Anna University Nominee Professor & Head, Department of Structural Engineering & GeoTechnical Engineering, G.C.T	R. Theermozhi 21/1/23
3.	Dr. M. Ibrahim Bathusha - Academic Expert Professor of Civil Engineering PSG College of Technology, Coimbatore	M. Ibrahim Bathusha 21/01/23

S.No	NAME	SIGNATURE
4.	Dr. A. Sudhakar - Expert from Industry Chief Consultant No. 57, Krishnaswamy Street, R.S Puram Coimbatore	
5.	Ex. S. Prabhu - Expert from Industry Founder, Synergy Greenfra, No. 10, Nest Vinayagar Kovil Street, Udayampalayam, Coimbatore	 21/01/23
6.	Dr. T. Venkatachalam Professor Department of Physics C.I.T., Coimbatore-14	T. Venkatachalam
7.	Dr. S. Shanmugam Professor of Civil Engineering CIT, Coimbatore	 21/01/2023
8.	Dr. V. NAGARATHAN / PROFESSOR / CIVIL / CIT	
9.	Dr. R. Sathyanarayan Sridhar	
10.	Dr. R. Saraswathi	
11.	Dr. M. P. MUTHURAJ, ASSO PROF, CIVIL, CIT	
12.	P. Vinayagam	
13.	S. Arulselvam	
14.	Col Jacob G. Padayira (Retd)	
15.	M. Gowri Shankar	
16.	T. KARTHIK PRABHU, ASSI. PROF, CIVIL, CIT	
17.	Dr. T. Balasubramaniam, AP/CIVIL/CIT	
18.	S. Karthik Kumar - AP/CIVIL/CIT	
19.	Arul / AP/CIVIL/CIT	 21/01/23
20.	P. Leeban Joseph - AP/CIVIL/CIT	 21/01/23
21.	V. G. Kalpana	

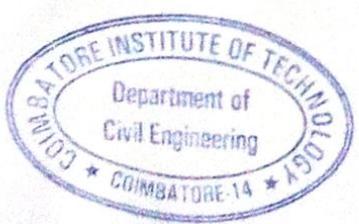
S.No	NAME	SIGNATURE
22	S. Shanmugapriya	S. Shanmugapriya 21/1/23
23	K. NITHYAPRIYA	Nithya 21/1/23
24	S. BRINDHA	S. Brindha 21/1/23
25	M. HANNAH ANGELIN	Hannah 21/1/23
26	Dr. R. Lavanya, Department of Mathematics	R. Lavanya 21/1/23
27	Dr. P. THONDARACKIAM, Chemistry	P. Thondarackiam 21/1/23
28	Dr. P. SANTI, HOD, Humanities	P. SANTI 21/1/23
29	Karthika Devi. S	Karthika Devi 21/1/23
30	S. KAVITHA	S. Kavitha 21/1/23
31	V. PADMA POORANI	V. Padma Poorani 21/1/23
32	E. JAYANTHI MANI	E. Jayanthi Mani 21/1/23
33	U. BALANIGESH	U. Balanigesh 21/1/23
34	M. KAARTHIC	M. Kaarthic 21/1/23
35	P. Jagadeesh	P. Jagadeesh 21/1/23
36	J. CYRIL SANTHOSH	J. Cyril Santhosh 21/1/23

Minutes of the 36th Board of Studies Meeting

- Minutes of the meeting of the Board of Studies in Civil Engineering held on Saturday, the 21st January, 2023 at 2.00 P.M at Coimbatore Institute of Technology, Coimbatore - 641014 to review the 2023 curriculum and syllabi of B.E. Civil Engineering and to propose the change of nomenclature of M.E. Environmental Engineering and Management as per new nomenclature M.E. Environmental Engineering.
- Dr.V.G.Srisanthi, HOD, Civil Engineering Department welcomed the members and initiated the discussions by requesting the external members Dr.R.Thenmozhi, Dr.M.Ibrahim Bathusha, Dr.A.Sudhakar and Er.S.Prabhu to review the syllabus for both UG and PG courses as per agenda and to suggest changes/modifications if any.
- Dr.V.G.Srisanthi first presented Vision and Mission of the Department of Civil Engineering with Programme Educational Objectives (PEO), Programme Outcomes (PO) and Programme Specific Outcomes of UG course. The BOS members approved the changes in the Mission of the department.
- The curriculum structure was presented in the meeting for approval by BOS Committee. The board then discussed in length syllabus of each course, professional electives, open electives as per new 2023 curriculum and Verticals for those who are opting for B.E. Honours in 2019 regulation for the students admitted from 2021-22.

The following suggestions were made by external members for B.E. Civil Engineering programme:

- a) The external member Dr.R.Thenmozhi suggested to change the Name of the subject "Python for Civil Engineers" as "Python programming for Civil Engineers", "Applied Chemistry for Civil Engineers" as "Engineering Chemistry for Civil Engineers", "Strength of Materials Laboratory" as "Material Testing Laboratory" and "Highway Design Laboratory" as "Highway Engineering Laboratory", "Highway Engineering" as "Highways and Railways Engineering", "Strength of Materials" as "Mechanics of Solids II" during the presentation of curriculum structure.



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- b) The external member Dr.M.Ibrahim Bathusha suggested to change the Name of the subject "Industrial waste water treatment and management" as "Industrial waste water treatment". He suggested to include waste water recycling, Reverse Osmosis and Filtration Techniques in the course "Design of Physio chemical and Biological Treatment System".
- c) Dr.A.Sudhakar suggested to include chemistry of pozzalonic materials under third unit instead of properties of lubricants in the course "Engineering Chemistry for Civil Engineers" offered in first semester. In the course "Construction materials" the external member suggested to include Acceptance criteria of concrete, Recycled aggregates under the unit "Concrete". He also insisted to change thermocole panels as EPS Panels under the unit "Special Materials".
- d) The external member Dr.R.Thenmozhi suggested revising the second unit "Masonry" based on standard book. It is insisted to change "Formwork" in fourth unit as "Introductory to formwork" in the course "Construction Technology". The external member insisted to add "Introduction to 3D printing technology" under the unit "Manufacture of concrete" in the course "Concrete Technology".
- e) The external member Er.S.Prabhu suggested to include CSEB blocks, construction demolition waste materials under the unit "Special Materials" in the course "Construction Materials". He also suggested including "Alternative Construction Technology" as one credit course.
- f) The members suggested to offer one credit courses such as "Introduction to LIDAR Surveying", "Introduction to Drone Surveying" in 2023 curriculum.
- g) Dr.A.Sudhakar suggested incorporating Scrum philosophy concepts and Agile concepts in the course "Construction Management". He also insisted to add topics such as Soil nailing, Application of geo synthetics, Geotextiles in the course "Mechanics of Soils".
- h) The members suggested to include "Introduction to Pre-Engineered Buildings" in the course "Advanced design of steel structures".
- i) The members approved the list of verticals presented and syllabi for B.E. Honours programmes as per Anna University recommendations.

**Change of Nomenclature for M.E. Environmental Engineering and Management as
M.E. Environmental Engineering:**

- j) The 36th Board of Studies in the Department of Civil Engineering approved a change in the nomenclature of the M.E. Environmental Engineering and Management programme to M.E. Environmental Engineering from the academic year 2022-23 onwards.
- k) The titles of four courses were altered to align with the new programme nomenclature. The specific course title changes are listed in the table provided.

S. No.	Previous title of the course	Changed title of the course
1.	19MEN15 - Industrial Wastewater Treatment and Management	19MEN15 - Industrial Wastewater Treatment and Control
2.	19MEN22 - Air Pollution Control	19MEN22 - Air Pollution Control Engineering
3.	19MENE05 - Ecology and Ecosystem Management	19MENE05 - Ecological Engineering
4.	19MENE04 - Noise Pollution Management	Removed

- l) All members of the Board of Studies reviewed, recommended, and approved the changes to the M.E. Environmental Engineering curriculum.
- All these suggestions were discussed in the meeting and it was decided that efforts would be made by the chairperson Dr.V.G.Srisanthi to implement all the suggestions wherever possible.
 - The meeting came to the end with vote of thanks proposed by Dr.V.G.Srisanthi, Head of Department, and Civil Engineering.



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