

Minutes of the of Studies 35th Board Meeting in the Department of Civil Engineering

- Minutes of the meeting of the Board of Studies in Civil Engineering held on Thursday, the 3rd March, 2022 at 3.00 P.M at Coimbatore Institute of Technology, Coimbatore - 641014 to review the syllabus of B.E Civil Engineering, B.E Part time-Civil Engineering and PG Civil Engineering Programme.
- Dr.V.G.Srisanthi, Chairperson, Board of Studies, Civil Engineering and HOD, Civil Engineering Department welcomed the members and initiated the discussions by requesting the external members Dr.R.Thenmozhi, Dr.S.T.Ramesh, Dr.S.Thirugnanasambandam, Er.S. Sivalingam and Er.P.ArunPrasath 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 the agenda of the meeting to review the course contents of newly added professional electives and one credit courses and syllabi of Part time B.E Civil Engineering from fifth semester to seventh semester. The following professional electives and one credit courses were discussed in the meeting to include in the curriculum.

Professional Electives

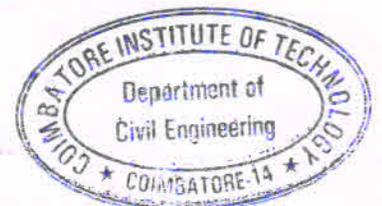
- Intelligent Transport System.
- Green Building Concepts and Practices

One credit courses

- Python for Civil Engineers
- 3D Printing of Civil Engineering Structures
- Sustainability in Construction
- Introduction to Remote Sensing and GIS

The board discussed in length the professional electives and one credit courses with their syllabus and suggested various additions and alterations in the proposed syllabus. The following suggestions were made by external members in the meeting.


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- The external member Dr.R.Thenmozhi suggested to reduce the contents of syllabus prescribed in the professional elective course 'Green Building Concepts and practices' in whole and adopt a sequential approach of the units. She highlighted to include green technologies and Green Building rating system in the syllabus and remove the topics such as waste water treatment, water conservation system and green movements. She also suggested to change the title of one credit course 'Geoinformatics Laboratory' as 'Introduction and Practical application of GIS'.
- The external member Dr.S.T.Ramesh suggested inclusion of contents such as Telecommunications and its importance in the transport systems, IBS, Information Management, Vehicle positioning system, Artificial Intelligence in the professional elective course ' Intelligent Transport System'. He also offered suggestions to add latest text books and mention online resources like NPTEL, Coursera. He also suggested to include applications in one credit course 'Python for Civil Engineers'.
- Dr.S.Thirugnanasambandam suggested inclusion of geo polymer concrete in one credit course '3D Printing of Building' under mix design portion.
- The external member Er.S.Sivalingam, Renowned CIT Alumni, shared his observations on the syllabus of professional electives and one credit courses. He suggested inclusion of green auditing with focus on water foot print auditing.
- Er. ArunPrasath appreciated the inclusion of some alternate construction materials in one credit course 'Sustainability in Building Construction' as construction industry presently faces the availability of getting sufficient conventional construction materials in the market.
- 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 incorporate the suggestions to the possible extent.
- The meeting concluded with vote of thanks proposed by Dr.V.G.Srisanthi, Head of Department, Civil Engineering.



by
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