

## Minutes of the 34<sup>th</sup> Board of Studies Meeting in the Department of Civil Engineering

- Minutes of the meeting of the Board of Studies in Civil Engineering held on Saturday, the 8<sup>th</sup> May, 2021 at 10.00 A.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 Programs.
- Dr.V.G.Srisanthi, 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.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 vision and mission of the Department of Civil Engineering with Programme Educational Objectives (PEO), Programme Outcomes (PO) and Programme Specific Outcomes of UG course. PO, PEO and PSO were refined based on discussion in Department meetings, Programme Advisory Committee meetings, stakeholders meetings and based on AICTE Curriculum. Later, the overview of approved curriculum in the previous meeting was presented first. The board then discussed in length the newly added professional electives and their syllabus and suggested various additions and alterations in the proposed syllabus.
- Dr.V.G.Srisanthi mentioned to BOS members that Institute approved one credit courses "English for Employability - I" and "English for Employability - II" in fifth and sixth semester for B.E Civil Engineering students.
- The following suggestions were made by external members for B.E Civil Engineering programme (Full time and Part time).
  - a) The external member Dr.R.Thenmozhi suggested including subjects such as 3D Printing of Building, Artificial Intelligence, Sustainability in Building construction as one credit courses. The title of elective subject "Optimization in Civil Engineering" to change as "Optimization Techniques in Civil Engineering".

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- b) The external member Dr.S.T.Ramesh suggested to consider including subjects recommended by AICTE curriculum such as "Intelligent Transport Systems in Transportation Engineering", "Reliability analysis of structures", "Green Building concepts and materials" as professional electives. He also suggested changing the elective subject title as "Building services and systems".
- c) Dr.S.Thirugnanasambandam suggested changes in the third unit of the elective subject "Building services and systems engineering". He suggested including only contents such as types of refrigeration, recent developments in refrigeration, load calculation and costing, maintenance with plumbing and water supply system.
- d) The external member Er.S.Sivalingam, Renowned CIT Alumni, shared his observations on the syllabus of UG Civil Engineering programme. He suggested changing the title of Pavement Engineering as Pavement and Drainage Engineering. He also suggested introducing acoustic concepts in the elective subject "Building services and systems engineering".
- e) Er. ArunPrasath appreciated the inclusion of construction management courses and suggested including principles of illumination and design in the elective subject "Theory of Architecture". He also suggested including one credit course "Orientation of Buildings".
- 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, Civil Engineering.

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