

## Minutes of the 33<sup>rd</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 Friday, the 23<sup>rd</sup> October, 2020 at 11.00 am at Coimbatore Institute of Technology, Coimbatore -641014 to review the curriculum and syllabus of fifth to eighth semester for B.E. Civil Engineering, B.E. (Part time) - Civil Engineering and one credit courses of M.E. – Structural Engineering, M.E. – Environmental Engineering and Management, M.E. – Construction Management.
- 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.Arun Prasath to review the curriculum and syllabus for both UG and PG courses as per agenda and to suggest changes/modifications if any.
- Dr.V.G.Srisanthi first presented common curriculum given by Controller of Examinations to board members. The board then discussed in length the new draft curriculum of B.E. Civil Engineering from fifth semester to eighth semester and suggested various additions and alterations in the proposed syllabus.
- The following suggestions were made by external members for B.E. Civil Engineering programme (fifth to eighth Semester), B.E. Civil Engineering and one credit courses of M.E. Programmes.
  - a) The external member Dr.R.Thenmozhi suggested including subjects such as Green Building material and systems or Energy efficient systems as one of the professional electives.
  - b) The external member Dr.S.T.Ramesh suggested for adding Academic attachment as a part of internship so that students can do their training in institutions like IIT, NIT etc. He also suggested encouraging students to do interdisciplinary projects and it should be explicitly stated in the curriculum.
  - c) The member suggested considering inclusion of concept of curriculum mapping right from first to eight semesters so that students get clarity of how to travel with electives. He suggested adding text books and reference books in the syllabus recommended by AICTE.

S. S. H. P. P.



V. A. V. 04/11/2020  
Dr. V. G. SRISANTHI, M.E., Ph.D.  
Professor & Head  
Department of Civil Engineering  
Coimbatore Institute of Technology  
Coimbatore - 641 014.

- d) The board members suggested to include Smart city development related contents as one credit course and also courses such as Intelligent Transport systems, Non Destructive methods( sensor based), Advanced Radar, IOT, Monitoring of water distribution system, Industrial Hazards as open electives . The title of course Design of Bridges can be renamed as Bridge Engineering.
- e) Dr.S.Thirugnanasambandam suggested including courses such as Tall structures, Composite structures as professional electives. He suggested adding Formwork for concrete structures as one credit. He suggested to swap the course professional practice and ethics to seventh semester in B.E. Civil Engineering (Part-Time curriculum)
- f) The external member Er.S.Sivalingam as a renowned CIT Alumni shared his observations on the curriculum and syllabus of UG and PG Civil Engineering programmes. He appreciated the inclusion of employability enhancement courses and more focus given for project work. He suggested to include industry oriented course such as Advanced surveying with focus on radar surveying, drone, Automated management systems etc.,. He suggested changing the title of wastewater treatment as water reuse technology. The title of the course Metro systems can be changed as Metro nature system and Industrial wastewater as Industrial effluent treatment.

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 as far as possible.

- Subsequent to the suggestions made by the external members, it was resolved that a committee may be set up with internal members to go in to all the suggestions made by the members and suitable changes/ modifications in the light of discussions that were followed may be incorporated in the updated curriculum and syllabus for both UG and PG Courses.

§ 94-P1



V. A. V. 04/11/2020  
Dr.V.G.SRISANTHI, M.E., Ph.D.  
Professor & Head  
Department of Civil Engineering  
Coimbatore Institute of Technology  
Coimbatore - 641 014.