THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI

Department of Civil Engineering

B.E Civil Engineering

Meeting on Consolidated Curriculum Review based on Feedback from Stake holders

Date: 02.11.2022

Meeting Date & Time : **01.11.2022**

Meeting Venue: **Civil Engineering Department Seminar Hall**

Members Present:

Dr. T. Vel Rajan
Dr. K. Sudalaimani
Dr. R. Velkennedy
Dr. S. Nagan
Dr. S. Arulmary
Dr. G. Chitra
Dr. S. Chandran
Dr. T. Baskaran
Dr. M.C. Sundarraja
Prof. M. Ramasamy
Dr. D. Brindha
Dr. R. Ponnudurai
Dr. R. Sanjay Kumar
Dr. V. Ravisankar
Dr. D. Rajkumar
Prof. S. Kannan
Dr. R.K.C. Jeykumar
Prof. R. Indrajith Krishnan
Prof. R. Sankaranarayanan
Prof. K. Keerthy
Prof. B. Dineshkumar
Prof. M. Aruna

Meeting Minutes

Stakeholders **: Students, Course handling faculty, Alumni & Employer**

Syllabus reviewed: B.E Civil Engineering – 2018 curriculum

Based on the analysis of curriculum review feedback obtained from students, course handling faculty members, alumni and employers, the following points are considered for the review of curriculum of B.E Civil Engineering from 2022 onwards and will be placed in the forthcoming Board of Studies on 3rd December 2022.

Action taken based on the feedback review for curriculum review:

New scheduling of courses is proposed after revising the contents of the existing courses. Detailed syllabi for the courses offered in 2nd semester of B.E Civil Engineering 2022 curriculum is designed as per the received feedback and the major changes are mentioned below.

No.	Stake holder Suggestions	Semester*	Major Updates in Curriculum / syllabus
1	**Faculty and Alumni:** Revising the contents of the course "Engineering Mechanics" and Usage of modern tools and equipment's	II	**22CE220 Engineering Mechanics:** • Inclusion of topics on Theories of Failure like Maximum principal stress theory, Maximum shear stress theory and shear strain energy theory. • Inclusion of spread sheet for calculating moment of inertia of composite sections, spread sheet for constructing SFD and BMD of statically determinate beams
2	**Faculty:** Revising the contents of the course "Survey"	II	**22CE230 Surveying:** • Photogrammetric survey and basic principle of remote sensing will be removed from the

			syllabus. These topics will be included in an elective course "Remote Sensing and GIS"
3	**Faculty and Alumni:** Revising the contents of the course "Building Materials and Technology" and Usage of modern tools and equipment's	II	**22CE250 Building Materials and Technology:** • Inclusion of topic on composite materials • Inclusion of Construction Tools and Machinery Tools like plumb bob, spirit level, level tube, rammer, spade, shovels, straightedge, mortar pans, sieves, trolley, vibrators, bulldozers, draglines, cableways, belt conveyors
4	**Employer:** Suggested to give more practical application component through Laboratory classes,	II	**22CE280 Survey Laboratory:** • More experiments on plane table surveying and compass surveying will be included

Other activities for Curriculum Enrichment:

- It is proposed to introduce new laboratory courses like Mechanics Laboratory, Project Planning Laboratory and Analysis and Design Laboratory in the new 2022 curriculum for B.E Civil Engineering. These practical courses are identified based on industry requirements and also for improving student's placement.

BoS Coordinator **Program Coordinator** **HoD**

To be circulated among Faculty members