

M.Tech (CONSTRUCTION MANAGEMENT)

COURSE STRUCTURE

SEMESTER-I

Course Code	Title	Credits	Contact Hours
CE531	Construction Techniques	3	3
CE532	Estimating & Costing	3	3
CE533	Construction Planning & Control	3	3
CE534	Construction Safety and Health	3	3
CE7XX	Elective 1	3	3
CE631	Construction Capstone Project	2	4
	Total	17	19

SEMESTER-II

Course Code	Title	Credits	Contact Hours
CE535	Construction Contracts and Laws	3	3
CE536	Heavy/Civil Construction Equipment, Methods, and Management	3	3
CE537	Construction Cost Analysis	3	3
CE538	Construction Financial Management	3	3
CE7XX	Elective 2	3	3
CE632	Construction Capstone Project	2	4
	Total	17	19

Industrial Training*	8 weeks
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*** For fresh B. Tech graduates only, at the end of second semester.**

SEMESTER-III

Course Code	Title	Credits	Contact Hours
CE7XX	Elective-3	3	3
CE7XX	Elective-4	3	3
CE633	Seminar	2	-
CE634	Dissertation Part- I	12	24
	Total	20	30

SEMESTER-IV

Course Code	Title	Credits	Contact Hours
CE7XX	Elective-3	3	3
CE7XX	Elective-4	3	3
CE635	Project seminar	2	-
CE636	Dissertation Part-II	14	28
	Total	22	34

Project evaluation shall be done out of 26 credits at the end of IV semester.

List of Electives

CE731	Quantitative Methods in Construction Management
CE732	Construction Practices and Equipment
CE733	Mechanical and Electrical Systems in Buildings
CE734	Sustainable Design and Construction
CE735	Advances in Construction Materials
CE736	Principles of Affordable Housing
CE737	Maintenance Planning and Control
CE738	Construction Methods Improvement
CE739	Industrial Engineering Systems
CE740	Value Engineering
CE741	Reliability Engineering