



KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL
MINORS IN CIVIL ENGINEERING (MCE) MINORS CURRICULUM
ODD SEMESTER, JULY-DEC 2025, AY 2025-26

MINOR ELECTIVE COURSES (any 5 to 6 courses to earn 18 credits)			EQUIVALENT COURSES OFFERED BY SWAYAM-NPTEL			
S.No.	Course Code	Course Name	Course Name, Duration & Course Code	C*	Course Dates*	Course Enrollment Link
1	U18MCE001	Strength of Materials (Compulsory course)	noc25-ce94 Mechanics of Materials 12 Weeks	3	CCD: July 21, 2025 to October 10, 2025 LDR: August 15, 2025	https://onlinecourses.nptel.ac.in/noc25_ce94/preview
2	U18MCE1002	Soil Mechanics (Compulsory course)	noc25-ce118 Soil Mechanics/Geotechnical Engineering I 12 Weeks	3	CCD: July 21, 2025 to October 10, 2025 LDR: August 15, 2025	https://onlinecourses.nptel.ac.in/noc25_ce118/preview
3	U18MCE1003	Environmental Engineering (Compulsory course)	noc25-ce80 Environmental Modeling and Simulation 12 Weeks	3	CCD: July 21, 2025 to October 10, 2025 LDR: August 15, 2025	https://onlinecourses.nptel.ac.in/noc25_ce80/preview
4	U18MCE1004	Structural Analysis-1	noc25-ce110 Advanced Structural Analysis 12 Weeks	3	CCD: July 21, 2025 to October 10, 2025 LDR: August 15, 2025	https://onlinecourses.nptel.ac.in/noc25_ce110/preview
5	U18MCE1005	Design of Reinforced Concrete Structures	noc25-ce123 Design of Reinforced Concrete Structures 12 Weeks	3	CCD: July 21, 2025 to October 10, 2025 LDR: August 15, 2025	https://onlinecourses.nptel.ac.in/noc25_ce123/preview
6	U18MCE1006	Advanced Concrete Technology	noc25-ce73 Advanced Concrete Technology 12 Weeks	3	CCD: July 21, 2025 to October 10, 2025 LDR: August 15, 2025	https://onlinecourses.nptel.ac.in/noc25_ce73/preview

7	U18MCE1007	Foundation engineering	noc25-ce120 Foundation Engineering 12 Weeks	3	CCD:July 21, 2025 to October 10, 2025 LDR: August 15, 2025	https://onlinecourses.nptel.ac.in/noc25_ce120/preview
8	U18MCE1008	DesignofSteel Structures	noc25-ce121 DesignofSteel Structures 12 Weeks	3	CCD:July 21, 2025 to October 10, 2025 LDR: August 15, 2025	https://onlinecourses.nptel.ac.in/noc25_ce121/preview
9	U18MCE1009	FluidMechanics	noc25-ce107 Fluid Mechanics 12 Weeks	3	CCD:July 21, 2025 to October 10, 2025 LDR: August 15, 2025	https://onlinecourses.nptel.ac.in/noc25_ce107/preview
10	U18MCE1010	Construction Planningand Management	noc25-ce91 Project Planning & Control 8 Weeks	2	CCD:July 21, 2025 to October 10, 2025 LDR: August 15, 2025	https://onlinecourses.nptel.ac.in/noc25_ce91/preview

*C:Credits CCD:CourseCommencementDate;LDR:LastDateofRegistration

-	Minors Laboratory Courses	Laboratory Courses (any 2 courses) – TO BE TAKEN IN THE PARENT DEPARTMENT			
11		U18MCE1011	Civil Engineering Material Testing Laboratory		2 credits
12		U18MCE1012	Surveying Field Work Laboratory		
13		U18MCE1013	Building Planning and Drawing Laboratory		
14		U18MCE1014	Hydraulic & Hydraulic Machinery Laboratory		
15	Minor project	U18MCE1015	Mini Project-CORE		2 credits
Total Credits to be earned					18

Date:05.07.2025

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