



KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL
MINORS IN CIVIL ENGINEERING (MCE) MINORS CURRICULUM
ODD SEMESTER, JULY-DEC 2025, AY 2025-26 (URR-24)

MINOR ELECTIVE COURSES <i>(any 4 to 5 courses to earn 16 credits)</i>			EQUIVALENT COURSES OFFERED BY SWAYAM-NPTEL			
S.No.	Course Code	Course Name	Course Name, Duration & Course Code	C*	Course Dates*	Course Enrollment Link
1	U24MCE1001	Strength of materials	noc25-ce94 Mechanics of Materials 12 Weeks	4	CCD: July 21, 2025 to October 10, 2025 LDR: August 15, 2025	https://onlinecourses.nptel.ac.in/noc25_ce94/preview
2	U24MCE1002	Fluid mechanics	noc25-ce107 Fluid Mechanics 12 Weeks	4	CCD: July 21, 2025 to October 10, 2025 LDR: August 15, 2025	https://onlinecourses.nptel.ac.in/noc25_ce107/preview
3	U24MCE1003	Concrete technology	noc25-ce73 Advanced Concrete Technology 12 Weeks	4	CCD: July 21, 2025 to October 10, 2025 LDR: August 15, 2025	https://onlinecourses.nptel.ac.in/noc25_ce73/preview
4	U24MCE1004	Theory of structures	noc25-ce110 Advanced Structural Analysis 12 Weeks	4	CCD: July 21, 2025 to October 10, 2025 LDR: August 15, 2025	https://onlinecourses.nptel.ac.in/noc25_ce110/preview
5	U24MCE1005	Design of reinforced concrete structures	noc25-ce123 Design of Reinforced Concrete Structures 12 Weeks	4	CCD: July 21, 2025 to October 10, 2025 LDR: August 15, 2025	https://onlinecourses.nptel.ac.in/noc25_ce123/preview
6			noc25-ce120	4	CCD: July 21, 2025 to October 10, 2025	https://onlinecourses.nptel.ac.in/noc25_ce120/preview

	U24MCE1006	Soil mechanics	Foundation Engineering 12 Weeks			n/noc25_ce120/preview
					LDR: August 15, 2025	
7	U24MCE1007	Design of steel Structures	noc25-ce103 Reliability-Based Structural Design 12 Weeks	4	CCD: July 21, 2025 to October 10, 2025	https://onlinecourses.nptel.ac.in/noc25_ce103/preview
					LDR: August 15, 2025	
8	U24MCE1008	Environmental engineering	noc25-ce80 Environmental Modeling and Simulation 12 Weeks	4	CCD: July 21, 2025 to October 10, 2025	https://onlinecourses.nptel.ac.in/noc25_ce80/preview
					LDR: August 15, 2025	
9	U24MCE1009	Construction Technology and management	noc25-ce91 Project Planning & Control	4	CCD: July 21, 2025 to October 10, 2025	https://onlinecourses.nptel.ac.in/noc25_ce91/preview
					LDR: August 15, 2025	

*C:Credits CCD:Course Commencement Date; LDR: Last Date of Registration

-	Minors Laboratory Courses	Laboratory Courses (any 2 courses) – TO BE TAKEN IN THE PARENT DEPARTMENT			
10		U24MCE1010	Civil Engineering Material Testing Laboratory		2 credits
11		U24MCE1011	Surveying Field Work Laboratory		
12		U24MCE1012	Building Planning and Drawing Laboratory		
13		U24MCE1013	Hydraulic & Hydraulic Machinery Laboratory		
14	Mini project	U24MCE1014	Mini project - CORE- (OPTIONAL)		2 credits
Total Credits to be earned					20

Date: 05.07.2025

Head of the Department