



KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL
MINORS IN CIVIL ENGINEERING (MCE) MINORS CURRICULUM
EVEN SEMESTER, JAN-APRIL 2025, AY 2024-25

MINOR ELECTIVE COURSES <i>(any 6 to 9 courses to earn 18 credits)</i>			EQUIVQLENT COURSES OFFERED BY SWAYAM-NPTEL			
S.No.	Course Code	Course Name	Course Name, Duration & Course Code	C*	Course Dates*	Course Enrollment Link
1	U18HCS001	Strength of Materials (Compulsory course)	<i>NOT AVAILABLE THIS SEMESTER</i>	3	CCD: January 20, 2025 to March 14,2025 LDR: Jan 27, 2025	---
2	U18HCS1002	Soil Mechanics (Compulsory course)	Advanced Soil Mechanics noc25-ce02 12 weeks	3	CCD: January 20, 2025 to April 11,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_ce02/preview
3	U18HCS1003	Environmental Engineering (Compulsory course)	Air Pollution and Control noc25-ce04 12 weeks	3	CCD: January 20, 2025 to April 11,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_ce04/preview
4	U18HCS1004	Structural analysis-1	Structural analysis noc25-ce54 12 weeks	3	CCD: January 20, 2025 to April 11,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_ce54/preview
5	U18HCS1005	Design of Reinforced Concrete Structures	<i>NOT AVAILABLE THIS SEMESTER</i>	3	CCD: January 20, 2025 to April 11,2025 LDR: Jan 27, 2025	---
6	U18HCS1006		Concrete technology noc25-ce10	3	CCD: January 20, 2025	https://onlinecourses.nptel.ac.in/noc25_ce10/preview

		Advanced Concrete Technology	12 weeks		to April 11,2025	
					LDR: Jan 27, 2025	
7	U18HCS1007	Foundation engineering	Geotechnical Engineering II Foundation Engineering noc25-ce30 12 weeks	3	CCD: January 20, 2025 to March 14,2025	https://onlinecourses.nptel.ac.in/noc25_ce30/preview
					LDR: Jan 27, 2025	
8	U18HCS1008	Design of Steel Structures	Stability Aspects of Structural Steel Design: Concepts and Applications noc25-ce53 12 weeks		CCD: : January 20, 2025 to March 14,2025	https://onlinecourses.nptel.ac.in/noc25_ce53/preview
					LDR: Jan 27, 2025	
9	U18HCS1009	Fluid Mechanics	NOT AVAILABLE THIS SEMESTER		CCD: : January 20, 2025 to March 14,2025	—
					LDR: Jan 27, 2025	
10	U18HCS1010	Construction Planning and Management	निर्माण प्रबंधन (Construction Management) के सिद्धांत [Nirman prabandhan (Construction Management) ke Siddhant] noc25-ce70 12 weeks		CCD: : January 20, 2025 to March 14,2025	https://onlinecourses.nptel.ac.in/noc25_ce70/preview
					LDR: Jan 27, 2025	
11	U18HCS1011	Advanced Surveying	Digital Land Surveying and Mapping (DLS&M) noc25-ce13 12 weeks		CCD: : January 20, 2025 to March 14,2025	https://onlinecourses.nptel.ac.in/noc25_ce13/preview
					LDR: Jan 27, 2025	

12	U18HCS1012	Engineering Geology	Geology and Soil Mechanics noc25-ce24 12 weeks		CCD: : January 20, 2025 to March 14,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_ce24/preview
13	U18HCS1013	Sustainable Materials and Green Buildings	Sustainable Engineering Concepts and Life Cycle Analysis noc25-ce58 12 weeks		CCD: January 20, 2025 to April 11,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_ce58/preview
14	U18HCS1014	Construction Materials	Basic Construction Materials noc25-ce07 12 weeks	3	CCD: January 20, 2025 to April 11,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_ce07/preview
15	U18HCS1015	Surveying	NOT AVAILABLE THIS SEMESTER		CCD: LDR:	—
16	U18HCS1016	Fluid Mechanics and Hydraulic Machines	Hydraulic Engineering noc25-ce32 12 weeks		CCD: January 20, 2025 to April 11,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_ce32/preview
17	U18HCS1017	Earthquake Engineering	NOT AVAILABLE THIS SEMESTER			—
18	U18HCS1018	Repair and Rehabilitation of Structures	Maintenance and Repair of Concrete Structures noc25-ce38 12 weeks			https://onlinecourses.nptel.ac.in/noc25_ce38/preview

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

-	Honours Laboratory Courses	Laboratory Courses (any 2 courses) - TO BE TAKEN IN THE PARENT DEPARTMENT		
16		U18HCS1016	Cloud Computing Laboratory	2 credits
17		U18HCS1017	Data Science with R-Tool Laboratory	
18		U18HCS1018	Machine Learning with Tensorflow Laboratory	
19		U18HCS1019	Image Processing with Python Laboratory	
			<i>Total Credits to be earned</i>	18+2

Date: 07.12.2024

MOOCs Coordinator

Head of the Department

Dean, Academic Affairs