



KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL
MINOR IN CIVIL ENGINEERING (MCE) - MINOR CURRICULUM
EQUIVALENT MOOCs - ODD SEMESTER, JULY-DEC 2022, AY 2022-2023

S. No	Course Code	Course Name	EQUIVALENT COURSES OFFERED BY								
			SWAYAM-NPTEL			COURSERA / UDEMY			SPOKEN TUTORIAL - IITB		
MINOR COMPULSORY COURSES			Course Name	C	Course Dates*	Course Name	C	Course Dates*	Course Name	C	Course Dates*
1	U18MCE1001	Strength of Materials	Strength of Materials	3	CCD: 25 th July 2022	--	-	CCD:	--	--	CCD:
					LDR: 1 st August 2022			LDR:			LDR:
2	U18MCE1002	Soil Mechanics	Soil Mechanics/Geo technical Engineering - I	3	CCD: 25 th July 2022	--	-	CCD:	--	-	CCD:
					LDR: 1 st August 2022			LDR:			LDR:
3	U18MCE1003	Environmental Engineering	--	-	--	--	-	CCD:	--	-	CCD:
								LDR:			LDR:
MINOR ELECTIVE COURSES											
4	U18MCE1004	Structural Analysis-1	Structural Analysis-1	-	CCD:	--	-	CCD:	--	-	CCD:
					LDR:			LDR:			LDR:
5	U18MCE1005	Design of Reinforced Concrete Structures	Design of Reinforced Concrete Structures	3	CCD: 25 th July 2022	--	-	CCD:	--	-	CCD:
					LDR: 1 st August 2022			LDR:			LDR:
6	U18MCE1006	Advanced Concrete Technology	Advanced Concrete Technology	3	CCD: 25 th July 2022	--	-	CCD:	--	-	CCD:
					LDR: 1 st August 2022			LDR:			LDR:

	U18MCE1007	FoundationEngineering	Foundation Engineering	3	CCD: 25 th July 2022	--	-	CCD:	--	-	CCD:
					LDR: 1 st August 2022			LDR:			LDR:
8	U18MCE1008	Design of Steel Structures	Design of Steel Structures	3	CCD: 25 th July 2022	--	-	CCD:	--	-	CCD:
					LDR: 1 st August 2022			LDR:			LDR:
9	U18MCE1009	Fluid Mechanics	Fluid Mechanics	3	CCD: 25 th July 2022	-	-	CCD:	--		CCD:
					LDR: 1 st August 2022			LDR:			LDR:
10	U18MCE1010	ConstructionPlanning andManagement	--	--	CCD:	--	-	CCD:	--	-	CCD:
					LDR:			LDR:			LDR:
11	U18MCE1011	AdvancedSurveying	RemoteSensing and GIS	2	CCD: 25 th July 2022	--	-	CCD:	--	-	CCD:
					LDR: 1 st August 2022			LDR:			LDR:
12	U18MCE1012	EngineeringGeology	--	-	--	--	-	CCD:	--	-	CCD:
					--			LDR:			LDR:
13	U18MCE1013	Sustainable Materials and Green Buildings	--	-	--	--	-	CCD:	--	-	CCD:
								LDR:			LDR:
14	U18MCE1014	Construction Materials	--	-	--	--	-	CCD:	--	-	CCD:
								LDR:			LDR:
15	U18MCE1015	Surveying	-	-	--		-	CCD:	--	-	CCD:
								LDR:			LDR:
		Fluid Mechanicsand						CCD:			CCD:

16	U18MCE1016	Hydraulic Machines	--	-	--	--	-	LDR:	--	-	LDR:
17	U18MCE1017	Earthquake Engineering	--	-	--	--	-	CCD:		-	CCD:
								LDR:	--	-	LDR:
18	U18MCE1018	Repair and Rehabilitation of Structures	--	-	--	--	-	CCD:		-	CCD:
								LDR:	--	-	LDR:

- I. In exigency situations such as the student already completed the listed compulsory courses(s) on his/her own interest during previous semesters through valid MOOCs etc, the HoD in consultation with Dean-AA shall propose an alternative course(s) for the specific scenario, after verification of relevant documents.
- II. By the end of April of every academic year, the department in consultation with Dean-AA, shall
- Notify the list of equivalent courses in SWAYAM-NPTEL MOOCs / other standard MOOCs against the list of courses notified under Honours curriculum
 - Propose a new course(s) in the place of any listed course(s) in the Honours curriculum, in case no equivalent course is found in MOOCs

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

		Laboratory Courses (any 2 courses) - TO BE TAKEN IN THE MINOR DEPARTMENT			
19	Minor Laboratory Courses	U18MCE1019	Civil Engineering Material Testing Laboratory		2 credits
20		U18MCE1020	Surveying Field Work Laboratory		
21		U18MCE1021	Building Planning and Drawing Laboratory		
22		U18MCE1022	Hydraulic & Hydraulic Machinery Laboratory		
				<i>Total Credits to be earned</i>	

Sd/-
Ms. K. Manasa
Honours & Minor Coordinator

Sd/-
Prof. M. Srikanth
Head of the Department

Dean, Academic Affairs

Date: 16/06/2022