



KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL
MINOR IN COMPUTER SCIENCE AND ENGINEERING (CSM)

MINOR CURRICULUM-2

[For non-circuit branches: CE and ME]

EQUIVALENT MOOCs - ODD SEMESTER, JULY-DEC 2023, AY 2023-24

MINOR COMPULSORY COURSES			EQUIVALENT COURSES OFFERED BY SWAYAM-NPTEL			
S.No	Course Code	Course Name	Course Name, Duration & Course Code	C	Course Dates*	Course Enrollment Link
1	U18MAI2001	Data Base Management System	Data Base Management System (8 weeks) noc23-cs79	2	CCD: July 24, 2023 to Sep 15, 2023 LDR: Jul 31, 2023	https://onlinecourses.nptel.ac.in/noc23_cs79/preview
2	U18MAI2002	Python Programming	The Joy Of Computing Using Python (12 weeks) noc23-cs108	2	CCD: July 24, 2023 to Sep 15, 2023 LDR: Jul 31, 2023	https://onlinecourses.nptel.ac.in/noc23_cs108/preview
3	U18MAI2003	Computer Graphics	Computer Graphics (8 weeks) noc23-cs115	2	CCD: July 24, 2023 to Sep 15, 2023 LDR: Jul 31, 2023	https://onlinecourses.nptel.ac.in/noc23_cs115/preview
MINORELECTIVECOURSES (any 3 to 6 courses)						
4	U18MAI2004	Operating Systems	Computer Architecture (12weeks) noc23-cs123	3	CCD: July 24,2023 to Oct 13,2023 LDR: Jul 31, 2023	https://onlinecourses.nptel.ac.in/noc23_cs123/preview
5	U18MAI2005	Computer Architecture and Organization	Operating System Fundamentals (12 weeks) noc23-cs67	3	CCD: July 24,2023 to Oct 13,2023 LDR: Jul 31, 2023	https://onlinecourses.nptel.ac.in/noc23_cs67/preview
6	U18MAI2006	Machine Learning For Earth System Sciences	Machine Learning For Earth System Sciences (8 weeks)	2	CCD: July 24, 2023 to Sep 15, 2023 LDR: Jul 31, 2023	https://onlinecourses.nptel.ac.in/noc23_cs86/preview

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S.No	Course Code	Course Name	Course Name, Duration & Course Code	C	Course Dates*	Course Enrollment Link
			noc23-cs70			
7	U18MAI2007	Software Engineering	Software Engineering (12 weeks) noc23-cs122	3	CCD: July 24,2023 to Oct 13,2023 LDR: Jul 31, 2023	https://onlinecourses.nptel.ac.in/noc23_cs122/preview
8	U18MAI2008	Design and Analysis of Algorithms	Design and analysis of Algorithms (8 weeks) noc23-cs96	2	CCD: July 24, 2023 to Sep 15, 2023 LDR: Jul 31, 2023	https://onlinecourses.nptel.ac.in/noc23_cs96/preview
9	U18MAI2009	Compiler Design	NOT AVAILABLE THIS SEMESTER		CCD: LDR:	
10	U18MAI2010	Artificial Intelligence	Fundamentals of Artificial Intelligence (12 weeks) noc23-ge40	3	CCD: July 24,2023 to Oct 13,2023 LDR: Jul 31, 2023	https://onlinecourses.nptel.ac.in/noc23_ge40/preview
11	U18MAI2011	Machine Learning	Introduction to Machine Learning (12 weeks) noc23-cs98	3	CCD: July 24,2023 to Oct 13,2023 LDR: Jul 31, 2023	https://onlinecourses.nptel.ac.in/noc23_cs98/preview
12	U18MAI2012	Cryptography and Network Security	NOT AVAILABLE THIS SEMESTER		CCD: LDR:	
13	U18MAI2013	Data Mining	Business Analytics & Text Mining Modeling Using Python (8 weeks) noc23-mg104	2	CCD: July 24, 2023 to Sep 15, 2023 LDR: Jul 31, 2023	https://onlinecourses.nptel.ac.in/noc23_mg104/preview
14	U18MAI2014	Computer networks	NOT AVAILABLE THIS SEMESTER		CCD: LDR:	
15	U18MAI2015	Big Data Computing	Data Science for Engineers (8 weeks) noc23-cs112	2	CCD: July 24, 2023 to Sep 15, 2023 LDR: Jul 31, 2023	https://onlinecourses.nptel.ac.in/noc23_cs112/preview
16	U18MAI2016	Data Science for Engineers	Big Data Computing (8 weeks) noc23-cs97	2	CCD: Aug 21, 2023 to Oct 13, 2023 LDR: Aug 21, 2023	https://onlinecourses.nptel.ac.in/noc23_cs97/preview
17	U18MAI2017	Cloud Computing	Cloud Computing	3	CCD: July 24,2023 to	https://onlinecourses.nptel.ac.in/

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S.No	Course Code	Course Name	Course Name, Duration & Course Code	C	Course Dates*	Course Enrollment Link
			(12 weeks) noc23-cs89		Oct 13,2023 LDR: Jul 31, 2023	noc23_cs89/preview
18	U18MAI2018	Internet of Things	NOT AVAILABLE THIS SEMESTER		CCD: LDR:	

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

S.No	MINOR LABORATORY COURSES	Laboratory Courses (any 2 courses) - TO BE TAKEN IN THE MINOR DEPARTMENT			
19		U18MAI2019	Data Base Management System Lab		2 credits
20		U18MAI2020	Data Structures and Algorithms Using Python Laboratory		
21		U18MAI2021	Advanced Java Laboratory		
22		U18MAI2022	Machine Learning Laboratory		
<i>Total Credits to be earned</i>					

Date: _____ **MOOCs Coordinator** _____ **Head of the Department** _____ **Dean, Academic Affairs** _____