



KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL
MINOR IN INFORMATION TECHNOLOGY (MIT) - MINOR CURRICULUM

EQUIVALENT MOOCs - ODD SEMESTER, JULY- OCT 2025, AY 2025-26

S.No	Course Code	Course Name	EQUIVALENT COURSES OFFERED BY		
MINOR ELECTIVE COURSES			SWAYAM-NPTEL		
			Course Name	C	Course Dates*
1	U24MIT1001	Software Engineering	Software Engineering https://onlinecourses.nptel.ac.in/noc25_cs108/preview	4	CCD: 21.07.2025 LDR: 28.07.2025
2	U24MIT1002	Database Management System	Data Base Management System https://onlinecourses.nptel.ac.in/noc25_cs145/preview	3	CCD: 21.07.2025 LDR: 28.07.2025
3	U24MIT1003	Object Oriented Programming through Java	The Joy of Computing Using Python https://onlinecourses.nptel.ac.in/noc25_cs103/preview	4	CCD: 21.07.2025 LDR: 28.07.2025
4	U24MIT1004	Design and Analysis of Algorithms	Design and analysis of algorithms https://onlinecourses.nptel.ac.in/noc25_cs90/preview	3	CCD: 21.07.2025 LDR: 28.07.2025
5	U24MIT1005	Python Programming	Deep Learning- IIT Ropar https://onlinecourses.nptel.ac.in/noc25_cs106/preview	4	CCD: 21.07.2025 LDR: 28.07.2025
6	U24MIT1006	Operating Systems	Introduction to Operating Systems https://onlinecourses.nptel.ac.in/noc25_cs94/preview	3	CCD: 21.07.2025 LDR: 28.07.2025
7	U24MIT1007	Computer Networks	Not Available	--	CCD: LDR:
8	U24MIT1008	Information Security	Not Available	--	CCD: LDR:
9	U24MIT1009	Introduction to Internet of Things	Software Testing https://onlinecourses.nptel.ac.in/noc25_cs113/preview	2	CCD: 21.07.2025 LDR: 28.07.2025
10	U24MIT1010	Data Science	Natural Language Processing https://onlinecourses.nptel.ac.in/noc25_cs51/preview	4	CCD: 20.01.2025 LDR: 27.01.2025
11	U24MIT1011	Cloud Computing	Cloud computing https://onlinecourses.nptel.ac.in/noc25_cs107/preview	4	CCD: 21.07.2025 LDR: 28.07.2025

12	U24MIT1012	Big Data Analytics	Not Available	--	CCD:
					LDR:

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

-		Laboratory Courses (any 2 courses) - TO BE TAKEN IN THE MINOR DEPARTMENT			
13	Minor Laboratory Courses	U24MIT1013	Database Management System Lab	2 credits	
14		U24MIT1014	Object Oriented Programming through Java Lab		
15		U24MIT1015	Python Programming Lab		
16		U24MIT1016	Design and Analysis of Algorithms Lab		
17		U24MIT1017	Operating Systems Lab		
18	Minor Mini- project (optional)	U24MIT1018	Mini-project (optional)	2 credits	
<i>Total Credits to be earned</i>					18+2

Date: 11.07.2025

MOOCs Coordinator
S.B.Swathi

Dr.T.Senthil Murugan
Head of the Department