



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

[for branches: CE, ME, EEE]

EQUIVALENT MOOCs - EVEN SEMESTER, JAN-APRIL 2025, AY 2024-25

S. No	Course Code	Course Name	EQUIVALENT COURSES OFFERED BY		
			SWAYAM-NPTEL		
MINOR COMPULSORY COURSES			Course Name	C	Course Dates*
1	U18MIT1001	Computer architecture and organization	Not Available	--	CCD: LDR:
2	U18MIT1002	Operating Systems	Not Available	--	CCD: LDR:
3	U18MIT1003	Data Base Management System	Data Base Management System https://onlinecourses.nptel.ac.in/noc25_cs18/preview	2	CCD: 20.01.2025 LDR: 27.01.2025
MINOR ELECTIVE COURSES					
4	U18MIT1004	Software Engineering	Not Available	--	CCD: LDR:
5	U18MIT1005	Internet of things	Introduction to Internet of things https://onlinecourses.nptel.ac.in/noc25_cs44/preview	3	CCD: 20.01.2025 LDR: 27.01.2025
6	U18MIT1006	Algorithms and Analysis	Design and analysis of algorithms https://onlinecourses.nptel.ac.in/noc25_cs23/preview	2	CCD: 20.01.2025 LDR: 27.01.2025
7	U18MIT1007	Object Oriented Analysis and Design	Not Available	--	CCD: LDR:
8	U18MIT1008	Cloud Computing	Cloud computing https://onlinecourses.nptel.ac.in/noc25_cs11/preview	3	CCD: 20.01.2025 LDR: 27.01.2025
9	U18MIT1009	Data Science	Data Science For Engineers https://onlinecourses.nptel.ac.in/noc25_cs20/preview	2	CCD: 20.01.2025 LDR: 27.01.2025
10	U18MIT1010	Natural Language Processing	Natural Language Processing https://onlinecourses.nptel.ac.in/noc25_cs51/preview	3	CCD: 20.01.2025 LDR: 27.01.2025

11	U18MIT1011	Machine Learning	Introduction To Machine Learning https://onlinecourses.nptel.ac.in/noc25_cs46/preview	3	CCD: 20.01.2025 LDR: 27.01.2025
12	U18MIT1012	Data Mining	Data Mining https://onlinecourses.nptel.ac.in/noc25_cs19/preview	2	CCD: 20.01.2025 LDR: 27.01.2025
13	U18MIT1013	Cryptography and Network Security	Cryptography and Network Security https://onlinecourses.nptel.ac.in/noc25_cs16/preview	3	CCD: 20.01.2025 LDR: 27.01.2025
14	U18MIT1014	Computer Networks and Internet Protocol	Computer Networks and Internet Protocol https://onlinecourses.nptel.ac.in/noc25_cs15/preview	3	CCD: 20.01.2025 LDR: 27.01.2025
15	U18MIT1015	Soft Computing	Introduction To Soft Computing https://onlinecourses.nptel.ac.in/noc25_cs48/preview	2	CCD: 20.01.2025 LDR: 27.01.2025
16	U18MIT1016	Parallel Programming in OPenMP	Not Available	--	CCD: LDR:
17	U18MIT1017	Python	The Joy of Computing Using Python https://onlinecourses.nptel.ac.in/noc25_cs69/preview	3	CCD: 20.01.2025 LDR: 27.01.2025
18	U18MIT1018	Privacy and Security in Online Social Media	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			
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19	Minor Laboratory Courses	U18MIT1019	Operating Systems Lab	2 credits	
20		U18MIT1020	Database Management Systems Lab		
21		U18MIT1021	Robotic Process Automation Lab		
22		U18MIT1022	Python Programming Lab		
				Total Credits to be earned	18+2

Date: 18.12.2024

MOOCs Coordinator
S.B.Swathi

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