



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

[for branch: EIE, ECE and ECI]

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

S.No	Course Code	Course Name	EQUIVALENT COURSES OFFERED BY		
MINOR COMPULSORY COURSES			SWAYAM-NPTEL		
			<i>Course Name</i>	C	Course Dates*
1	U18MIT1001	Software Engineering	Not Available	--	CCD: LDR:
2	U18MIT1002	Operating Systems	Not Available	--	CCD: LDR:
3	U18MIT1003	Python	The Joy of Computing Using Python https://onlinecourses.nptel.ac.in/noc25_cs69/preview	3	CCD: 20.01.2025 LDR: 27.01.2025
MINOR ELECTIVE COURSES					
4	U18MIT1004	Google Cloud computing	Not Available	--	CCD: LDR:
5	U18MIT1005	Deep learning	Deep Learning- IIT Ropar https://onlinecourses.nptel.ac.in/noc25_cs21/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	Software Testing	Software Testing https://onlinecourses.nptel.ac.in/noc25_cs66/preview	1	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	Evolutionary Algorithms for Optimization	Not Available	--	CCD: LDR:

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	Big Data Computing	Not Available	--	CCD: LDR:
16	U18MIT1016	Parallel Programming in Open MP	Not Available	--	CCD: LDR:
17	U18MIT1017	Database Management Systems	Not Available	--	CCD: LDR:
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		
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	
<i>Total Credits to be earned</i>				

Date: 18.12.24

MOOCs Coordinator
S.B.Swathi

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Head of the Department