KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL

MINOR IN INFORMATION TECHNOLOGY (MIT) - MINOR CURRICULUM

[for branch: ECE and ECI][URR18-R22]

EQUIVALENT MOOCs – ODD SEMESTER, JULY- OCT 2026, AY 2026-27

S.No	Course Code	Course Name	EQUIVALENT COURSES OFFERED BY		
MINOR COMPULSORY COURSES			**SWAYAM-NPTEL**		
			Course Name	C	Course Dates*
1	U18MIT1001	Software Engineering	Software Engineering https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs151	3	CCD: 20.07.2026 LDR: 27.07.2026
2	U18MIT1002	Operating Systems	Introduction to Operating Systems https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs123	2	CCD: 20.07.2026 LDR: 27.07.2026
3	U18MIT1003	Python	The Joy of Computing Using Python https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs136	3	CCD: 20.07.2026 LDR: 27.07.2026
	MINOR ELECTIVE COURSES				
4	U18MIT1004	Google Cloud computing	Cloud Computing https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs150	3	CCD: 20.07.2026 LDR: 27.07.2026
5	U18MIT1005	Deep learning	Deep learning-IIT Ropar https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs138	3	CCD: 20.07.2026 LDR: 28.07.2025
6	U18MIT1006	Algorithms and analysis	Design and analysis of algorithms https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs110	2	CCD: 20.07.2026 LDR: 27.07.2026
7	U18MIT1007	Object Oriented Analysis and Design	Not Available	--	CCD: LDR:
8	U18MIT1008	Cloud computing	Cloud computing https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs150	3	CCD: 20.07.2026 LDR: 27.07.2026

9	U18MIT1009	Software Testing	Software Testing https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs131	3	CCD: 20.07.2026 LDR: 27.07.2026
10	U18MIT1010	Natural Language Processing	Natural Language Processing https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs180	3	CCD: 20.07.2026 LDR: 27.07.2026
11	U18MIT1011	Evolutionary Algorithms for Optimization	Optimization Theory and Algorithms https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_ee148	3	CCD: 20.07.2026 LDR: 27.07.2026
12	U18MIT1012	Data Mining	Not Available	--	CCD: LDR:
13	U18MIT1013	Cryptography and Network Security	Not Available	--	CCD: LDR:
14	U18MIT1014	Computer Networks and Internet Protocol	Not Available	--	CCD: LDR:
15	U18MIT1015	Big Data Computing	Big Data Computing https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs189	2	CCD: 18.08.2025 LDR: 18.08.2025
16	U18MIT1016	Parallel Programming in Open MP	Not Available	--	CCD: LDR:
17	U18MIT1017	Database Management Systems	Data Base Management System https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs117	2	CCD: 20.07.2026 LDR: 27.07.2026
18	U18MIT1018	Privacy and Security in Online Social Media	Privacy and Security in Online Social Media https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs141	3	CCD: 20.07.2026 LDR: 27.07.2026

***C**: **C**redits ; **CCD**: **C**ourse **C**ommencement **D**ate; **LDR**: **L**ast **D**ate of **R**egistration

-	**Minor Laboratory**	**Laboratory Courses (any 2 courses) – TO BE TAKEN IN THE MINOR DEPARTMENT**		
19		U18MIT1019	Operating Systems Lab	

20	**Courses**	U18MIT1020	Database Management Systems Lab	**2 credits**
21		U18MIT1021	Robotic Process Automation Lab	
22		U18MIT1022	Python Programming Lab	
23	**Minor Mini-project (Optional)**	U18MIT1023	Mini-project (Optional)	**2 credits**
			Total Credits to be earned	**18+2**

Date: 29.07.2026

MOOCs Coordinator
S.B.Swathi

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Head of the Department