



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

[for branches: CE, ME, EEE]

EQUIVALENT MOOCs - ODD SEMESTER, JULY-OCTOBER 2022, AY 2022-23

S. No	Course Code	Course Name	EQUIVALENT COURSES OFFERED BY								
			SWAYAM-NPTEL			COURSERA / UDEMY			SPOKEN TUTORIAL - IITB		
MINOR COMPULSORY COURSES			Course Name	C	Course Dates*	Course Name	C	Course Dates*	Course Name	C	Course Dates*
1	U18MIT1001	Computer architecture and organization	Computer architecture and organization	3	CCD: 25.07.2022	--	-	CCD:	--	--	CCD:
					LDR: 22.07.2022			LDR:			LDR:
2	U18MIT1002	Operating Systems	Introduction to Operating Systems	2	CCD: 25.07.2022	--	-	CCD:	--	-	CCD:
					LDR: 01.07.2022			LDR:			LDR:
3	U18MIT1003	Data Base Management System	Data Base Management System	2	CCD: 22.08.2022	--	-	CCD:	--	-	CCD:
					LDR: 22.07.2022			LDR:			LDR:
MINOR ELECTIVE COURSES											
4	U18MIT1004	Software Engineering	Software Engineering	3	CCD: 25.07.2022	--	-	CCD:	--	-	CCD:
					LDR: 22.07.2022			LDR:			LDR:
5	U18MIT1005	Internet of things	Introduction to internet of things	3	CCD: 25.07.2022	--	-	CCD:	--	-	CCD:
					LDR: 22.07.2022			LDR:			LDR:
6	U18MIT1006	Algorithms and	Design and analysis of	2	CCD: 25.07.2022	--	-	CCD:	--	-	CCD:

		analysis	algorithms		LDR: 01.07.2022			LDR:			LDR:
7	U18MIT1007	Object Oriented Analysis and Design	Object Oriented Analysis and Design	2	CCD: 25.07.2022	--	-	CCD:	--	-	CCD:
					LDR: 01.07.2022			LDR:			LDR:
8	U18MIT1008	Cloud Computing	Cloud Computing	3	CCD: 25.07.2022	--	-	CCD:	--	-	CCD:
					LDR: 22.07.2022			LDR:			LDR:
9	U18MIT1009	Data Science	Data Science for Engineers	2	CCD: 25.07.2022	-	-	CCD:	--		CCD:
					LDR: 01.07.2022			LDR:			LDR:
10	U18MIT1010	Natural Language Processing	Natural Language Processing	3	CCD: 25.07.2022	--	-	CCD:	--	-	CCD:
					LDR: 22.07.2022			LDR:			LDR:
11	U18MIT1011	Machine Learning	Introduction to Machine Learning	3	CCD: 25.07.2022	--	-	CCD:	--	-	CCD:
					LDR: 22.07.2022			LDR:			LDR:
12	U18MIT1012	Data Mining		---	CCD:	--	-	CCD:	--	-	CCD:
					LDR:			LDR:			LDR:
13	U18MIT1013	Cryptography and Network Security	Cryptography and Network Security	3	CCD: 25.07.2022	--	-	CCD:	--	-	CCD:
					LDR: 22.07.2022			LDR:			LDR:
14	U18MIT1014	Computer Networks and Internet Protocol		---	CCD:	--	-	CCD:	--	-	CCD:
					LDR:			LDR:			LDR:
15	U18MIT1015	Soft Computing		-	CCD:	--	-	CCD:	--	-	CCD:
					LDR:			LDR:			LDR:
16	U18MIT1016	Parallel Programming		-	CCD:	--	-	CCD:	--	-	CCD:

		in OPenMP			LDR:			LDR:		LDR:	
17	U18MIT1017	Python	The Joy of Computing using Python	3	CCD: 25.07.2022	--	-	CCD:	--	-	CCD:
					LDR: 22.07.2022			LDR:			LDR:
18	U18MIT1018	Privacy and Security in Online Social Media	--	--	CCD:	--	-	CCD:	--	-	CCD:
					LDR:			LDR:			LDR:

- I. In exigency situations such as the student already completed the listed compulsory courses(s) on his/her own interest during previous semesters through valid MOOCs etc, the HoD in consultation with Dean-AA shall propose an alternative course(s) for the specific scenario, after verification of relevant documents.
- II. By the end of April of every academic year, the department in consultation with Dean-AA, shall
- A. notify the list of equivalent courses in SWAYAM-NPTEL MOOCs / other standard MOOCs against the list of courses notified under Honours curriculum
- B. propose a new course(s) in the place of any listed course(s) in the Honours curriculum, in case no equivalent course is found in MOOCs

*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	
<i>Total Credits to be earned</i>				18+2

Date: 16.06.2022

MOOCs Coordinator
S.B.Swathi

Dr.T.Senthil Murugan
Head of the Department

