



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

[for branches: CE, ME, EEE]

EQUIVALENT MOOCs - ODD SEMESTER, JULY-DEC 2021, AY 2021-22

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: 26.07.2021	--	-	CCD:	--	--	CCD:
					LDR: 02.08.2021			LDR:			LDR:
2	U18MIT1002	Operating Systems	Introduction to Operating Systems	2	CCD: 26.07.2021	--	-	CCD:	--	-	CCD:
					LDR: 02.08.2021			LDR:			LDR:
3	U18MIT1003	Data Base Management Systems	Data Base Management System	2	CCD: 26.07.2021	--	-	CCD:	--	-	CCD:
					LDR: 02.08.2021			LDR:			LDR:
MINOR ELECTIVE COURSES											
4	U18MIT1004	Software Engineering	Software Engineering	3	CCD: 26.07.2021	--	-	CCD:	--	-	CCD:
					LDR: 02.08.2021			LDR:			LDR:
5	U18MIT1005	Internet of things	Introduction to internet of things	3	CCD: 26.07.2021	--	-	CCD:	--	-	CCD:
					LDR: 02.08.2021			LDR:			LDR:
6	U18MIT1006	Algorithms and	Introduction	3	CCD:	--	-	CCD:	--	-	CCD:

		analysis	to algorithms and analysis		26.07.2021						
					LDR: 02.08.2021			LDR:			LDR:
7	U18MIT1007	Object Oriented Analysis and Design	Object Oriented Analysis and Design	2	CCD: 26.07.2021	--	-	CCD:	--	-	CCD:
					LDR: 02.08.2021			LDR:			LDR:
8	U18MIT1008	Cloud Computing	Cloud Computing	2	CCD: 23.08.2021	--	-	CCD:	--	-	CCD:
					LDR: 23.08.2021			LDR:			LDR:
9	U18MIT1009	Data Science	Data Science for Engineers	2	CCD: 26.07.2021	-	-	CCD:	--		CCD:
					LDR: 02.08.2021			LDR:			LDR:
10	U18MIT1010	Natural Language Processing	Natural Language Processing	3	CCD: 26.07.2021	--	-	CCD:	--	-	CCD:
					LDR: 02.08.2021			LDR:			LDR:
11	U18MIT1011	Machine Learning	Introduction to Machine Learning	3	CCD: 26.07.2021	--	-	CCD:	--	-	CCD:
					LDR: 02.08.2021			LDR:			LDR:
12	U18MIT1012	Data Mining	--	-	CCD:	--	-	CCD:	--	-	CCD:
					LDR:			LDR:			LDR:
13	U18MIT1013	Cryptography and Network Security	--	-	CCD:	--	-	CCD:	--	-	CCD:
					LDR:			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 in OpenMP	--	-	CCD:	--	-	CCD:	--	-	CCD:
					LDR:			LDR:			LDR:
17	U18MIT1017	Python	The Joy of Computing using Python	3	CCD: 26.07.2021	--	-	CCD:	--	-	CCD:
					LDR: 02.08.2021			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

-	Minor Laboratory Courses	Laboratory Courses (any 2 courses) - TO BE TAKEN IN THE MINOR DEPARTMENT		2 credits	
19		U18MIT1019	Operating Systems Lab		
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: 20-06-2021

MOOCs Coordinator

Dr.P.Kamakshi

S.B.Swathi

Head of the Department