



KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL

MINOR IN INFORMATION TECHNOLOGY (MIT) MINOR CURRICULUM - 2

[for CE, ME and EEE]

EQUIVALENT MOOCs - ODD SEMESTER, September 2020, AY 2020-21

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: 14.09.2020	--	-	CCD:	--	--	CCD:
					LDR: 21.09.2020			LDR:			LDR:
2	U18MIT1002	Operating Systems	Introduction to Operating Systems	2	CCD: 14.09.2020	--	-	CCD:	--	-	CCD:
					LDR: 21.09.2020			LDR:			LDR:
3	U18MIT1003	Database Management Systems	Data Base Management System	2	CCD: 14.09.2020	--	-	CCD:	--	-	CCD:
					LDR: 21.09.2020			LDR:			LDR:
MINOR ELECTIVE COURSES											
4	U18MIT1004	Software Engineering	Software Engineering	3	CCD: 14.09.2020	--	-	CCD:	--	-	CCD:
					LDR: 21.09.2020			LDR:			LDR:
5	U18MIT1005	Internet of Things	Introduction to internet of things	3	CCD: 14.09.2020	--	-	CCD:	--	-	CCD:
					LDR: 21.09.2020			LDR:			LDR:

6	U18MIT1006	Algorithms and Analysis	-	-	CCD:--	--	-	CCD:	--	-	CCD:
					LDR: --			LDR:			LDR:
7	U18MIT1007	Object Oriented Analysis and Design	Object Oriented Analysis and Design	2	CCD: 14.09.2020	--	-	CCD:	--	-	CCD:
					LDR: 21.09.2020			LDR:			LDR:
8	U18MIT1008	Cloud Computing	Cloud Computing	2	CCD: 14.09.2020	--	-	CCD:	--	-	CCD:
					LDR: 21.09.2020			LDR:			LDR:
9	U18MIT1009	Data Science	Data Science for Engineers	2	CCD: 14.09.2020	-	-	CCD:	--	-	CCD:
					LDR: 21.09.2020			LDR:			LDR:
10	U18MIT1010	Natural Language Processing	Applied Natural Language Processing	3	CCD: 14.09.2020	--	-	CCD:	--	-	CCD:
					LDR: 21.09.2020			LDR:			LDR:
11	U18MIT1011	Machine Learning	Introduction to Machine Learning	3	CCD: 14.09.2020	--	-	CCD:	--	-	CCD:
					LDR: 21.09.2020			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: 14.09.2020	--	-	CCD:	--	-	CCD:
					LDR: 21.09.2020			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
- notify the list of equivalent courses in SWAYAM-NPTEL MOOCs / other standard MOOCs against the list of courses notified under Honours curriculum
 - 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			
-	Minor Laboratory Courses	U18MIT1019	Operating Systems Lab		2 credits
19		U18MIT1020	Database Management Systems Lab		
20		U18MIT1021	Robotic Process Automation Lab		
21		U18MIT1022	Python Programming Lab		
22					
				<i>Total Credits to be earned</i>	18+2

Sd/-

B. Kiran Kumar & S.B. Swathy
MOOCs Coordinator

Date: 18-07-2020

Sd/-

Dr. P. Kamakshi
Head of the Department

Dean, Academic Affairs