



KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL

MINOR IN INFORMATION TECHNOLOGY (MIT)

MINOR CURRICULUM - 1

[for EIE, ECE and ECI]

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	Software Engineering	Software Engineering	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	Python	The Joy of Computing using Python	3	CCD: 14.09.2020	--	-	CCD:	--	-	CCD:
					LDR: 21.09.2020			LDR:			LDR:
MINOR ELECTIVE COURSES											
4	U18MIT1004	Google Cloud Computing	Google Cloud Computing Foundations	2	CCD: 14.09.2020	--	-	CCD:	--	-	CCD:
					LDR: 21.09.2020			LDR:			LDR:
5	U18MIT1005	Deep Learning	Deep Learning	3	CCD: 14.09.2020	--	-	CCD:	--	-	CCD:
					LDR: 21.09.2020			LDR:			LDR:

6	U18MIT1006	Algorithms and Analysis	-	-	CCD: -- LDR: --	--	-	CCD: LDR:	--	-	CCD: LDR:
7	U18MIT1007	Object Oriented Analysis and Design	Object Oriented Analysis and Design	2	CCD: 14.09.2020 LDR: 21.09.2020	--	-	CCD: LDR:	--	-	CCD: LDR:
8	U18MIT1008	Cloud computing	Cloud computing	2	CCD: 14.09.2020 LDR: 21.09.2020	--	-	CCD: LDR:	--	-	CCD: LDR:
9	U18MIT1009	Software Testing	Software Testing	3	CCD: 14.09.2020 LDR: 21.09.2020	-	-	CCD: LDR:	--	-	CCD: LDR:
10	U18MIT1010	Natural Language Processing	Applied Natural Language Processing	3	CCD: 14.09.2020 LDR: 21.09.2020	--	-	CCD: LDR:	--	-	CCD: LDR:
11	U18MIT1011	Evolutionary Algorithms for Optimization	-	-	CCD: -- LDR: --	--	-	CCD: Janua LDR:	--	-	CCD: LDR:
12	U18MIT1012	Data Mining	-	-	CCD: -- LDR: --	--	-	CCD: LDR:	--	-	CCD: LDR:
13	U18MIT1013	Cryptography and Network Security	-	-	CCD: -- LDR: --	--	-	CCD: LDR:	--	-	CCD: LDR:
14	U18MIT1014	Computer Networks and Internet Protocol	-	-	CCD:-- LDR: --	--	-	CCD: LDR:	--	-	CCD: LDR:
15	U18MIT1015	Big Data Computing	Big Data Computing	2	CCD: 14.09.2020 LDR: 21.09.2020	--	-	CCD: LDR:	--	-	CCD: LDR:

16	U18MIT1016	Parallel Programming in OpenMP	-	-	CCD: -- LDR: --	--	-	CCD: LDR:	--	-	CCD: LDR:
17	U18MIT1017	Database Management Systems	Data Base Management System	2	CCD: 14.09.2020 LDR: 21.09.2020	--	-	CCD: LDR:	--	-	CCD: LDR:
18	U18MIT1018	Privacy and Security in Online Social Media	-	-	CCD: -- LDR: --	--	-	CCD: LDR:	--	-	CCD: LDR:

- I. In exigency situations such as the student already completed he 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

Sd/-

Dr. P. Kamakshi
Head of the Department

Date: 18-07-2020

Dean, Academic Affairs