



# KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL

## MINOR IN INFORMATION TECHNOLOGY (MIT) - MINOR CURRICULUM

S.No	Course Type	Course Code	Course Name	Credits
-	Minor Elective Courses	Elective courses (any 4 to 5 courses)		
1		U24MIT1001	Software Engineering	15-16
2		U24MIT1002	Database Management System	
3		U24MIT1003	Object Oriented Programming through Java	
4		U24MIT1004	Design and Analysis of Algorithms	
5		U24MIT1005	Python Programming	
6		U24MIT1006	Operating Systems	
7		U24MIT1007	Computer Networks	
8		U24MIT1008	Information Security	
9		U24MIT1009	Introduction to Internet of Things	
10		U24MIT1010	Data Science	
11		U24MIT1011	Cloud Computing	
12		U24MIT1012	Big Data Analytics	
<p>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 offer an alternative course(s) for the specific scenario, after verification of relevant documents.</p> <p>II. By the end of April of every academic year, the department in consultation with Dean-AA, shall</p> <p>A. notify the list of equivalent courses in SWAYAM-NPTEL MOOCs / other standard MOOCs against the list of courses notified under Honours curriculum</p> <p>B. propose a new course(s) in the place of any listed course(s) in the Honour curriculum, in case no equivalent course is found in MOOCs</p>				
-	Minor Laboratory Courses	Laboratory Courses (any 2 courses)		
13		U24MIT1013	Database Management System Lab	2
14		U24MIT1014	Object Oriented Programming through Java Lab	
15		U24MIT1015	Python Programming Lab	
16		U24MIT1016	Design and Analysis of Algorithms Lab	
17		U24MIT1017	Operating Systems Lab	
18	Minor Mini-project (optional)	U24MIT1018	Mini-project (optional)	2
Total Credits				18