



KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL

MINOR IN COMPUTER SCIENCE & ENGINEERING (NETWORKS) (MCSN)

- MINOR DEGREE CURRICULUM -2 [For Non-circuit branches: CE & ME]

S.No	Course Type	Course Code	Course Name	Credits
-	Minor Elective Courses	Elective courses (any 4 to 5 courses)		
1		U24MCN1001	Database Management System	15-16
2		U24MCN1002	Programming Data Structures and Algorithms using Python	
3		U24MCN1003	Wireless Networks	
4		U24MCN1004	Computer Networks	
5		U24MCN1005	Software Testing	
6		U24MCN1006	Ethical Hacking	
7		U24MCN1007	Deep Learning	
8		U24MCN1008	Social Networks	
9		U24MCN1009	Artificial Intelligence	
10		U24MCN1010	Machine Learning	
		U24MCN1011	Cyber Security and Privacy	
		U24MCN1012	Human Computer Interaction	
		U24MCN1013	Cloud Computing	
		U24MCN1014	Industrial IOT	
		U24MCN1015	Foundations of Cyber-Physical Systems	
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. 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 Minor curriculum B. propose a new course(s) in the place of any listed course(s) in the Minor degree curriculum, in case no equivalent course is found in MOOCs				
-	Minor Laboratory Courses	Laboratory Courses (any 2 courses)		
16		U24MCN1011	Computer Networks Lab	2
17		U24MCN1012	Internetworking and Virtualization Lab	
18		U24MCN1013	Network Automation Lab	
19		U24MCN1014	Python Programming Lab	
20	Minor Mini-project (Optional)	U24MCN1015	Mini-project (Optional)	2
Total Credits				18