KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL

MINOR IN COMPUTER SCIENCE & ENGINEERING (NETWORKS)
(MCSN)
- MINOR DEGREE CURRICULUM-2
[For *non-circuit branches: CE and ME*]

S.No	Course Type	Course Code	Course Name	Credits
-		Elective courses (any 5 to 6 courses)		
1		U18MCN2001	Database Management System	
2		U18MCN2002	Software Testing	
3		U18MCN2003	Computer Networks and Internet Protocol	
4		U18MCN2004	Industrial IOT	
5		U18MCN2005	Wireless Networking Fundamentals	
6	**Minor Elective Courses**	U18MCN2006	Python Programming	**16**
7		U18MCN2007	Software Engineering	
8		U18MCN2008	Cyber Security and Privacy	
9		U18MCN2009	Social Network Analysis	
10		U18MCN2010	Artificial Intelligence	
11		U18MCN2011	Introduction to Machine Learning	
12		U18MCN2012	Cryptography and Network Security	
13		U18MCN2013	Computer Networks	
14		U18MCN2014	Advanced Computer Networks	
15		U18MCN2015	Privacy and Security in Online Social Media	

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 degrCN curriculum, in case no equivalent course is found in MOOCs

S.No	Course Type	Course Code	Course Name	Credits
-		Laboratory Courses (any 2 courses)		
16	**Minor Laboratory Courses**	U18MCN2016	CASE Tools lab	
17		U18MCN2017	Web Programming Lab	**2**
18		U18MCN2018	Cryptography and Network Security Lab	
19		U18MCN2019	Python Programming Lab	
20	**Minor Mini-project (Optional)**	U18MCN2020	Mini-project (Optional)	**2**
			Total Credits	**18**

Head of the Department