



**KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (N)**

**MINORS CURRICULUM**

**MINORS IN COMPUTER SCIENCE AND ENGINEERING (NETWORKS) (MCSN)**

**MINORS CURRICULUM-2**

[For non-circuit branches: CE and ME]

S.No	Course Type	Course Code	Course Name	Credits	
-	<b>Minors Elective Courses</b>	<b>Elective courses ( any 6 to 9 courses)</b>			<b>18</b>
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		U18MCN2006	Python Programming		
7		U18MCN2007	Software Engineering		
8		U18MCN2008	Fullstack Web development		
9		U18MCN2009	IT Network cabling		
10		U18MCN2010	Artificial Intelligence		
11		U18MCN2011	Machine Learning		
12		U18MCN2012	Cryptography and Network Security		
13		U18MCN2013	Social Networks		
14		U18MCN2014	Internet of Things		
15	U18MCN2015	Network design and implementation			
<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 propose 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 (CISCO NetAcad / UDEMY) against the courses listed under Honours curriculum</p> <p>B. propose a new course(s) in the place of any course(s) listed under Honours curriculum, in case no equivalent course is found in MOOCs</p>					
-	<b>Minors Laboratory Courses</b>	<b>Laboratory Courses ( any 2 courses )</b>			<b>2</b>
16		U18MCN2016	Networking Essentials		
17		U18MCN2017	Linux for Network Engineers: Practical Linux with GNS3		
18		U18MCN2018	Learning Windows Power Shell		
19		U18MCN2019	Introduction to Web Development		
<b>Total Credits</b>				<b>20</b>	