KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL
HONOURS IN COMPUTER SCIENCE AND ENGINEERING (NETWORKS (MCN)
MINORS CURRICULUM
EQUIVALENT MOOCs – EVEN SEMESTER, JAN-APRIL 2025, AY 2024-25

MINORS ELECTIVE COURSES (*any 6 to 9 courses to earn 18 credits*)			EQUIVALENT COURSES OFFERED BY SWAYAM-NPTEL			
S.No.	Course Code	Course Name	Course Name, Duration & Course Code	C*	Course Dates*	Course Enrollment Link
1	U18MCN001	Data Base Management System	Data Base Management System (08 weeks) noc25-cs18	2	CCD: January 20, 2025 to April 11,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_cs18/preview
2	U18MCN1002	Programming, Data Structures And Algorithms Using Python	Programming, Data Structures And Algorithms Using Python (08 weeks) noc25-cs59	2	CCD: January 20, 2025 to April 11,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_cs59/preview
3	U18MCN1003	Wireless networks	Wireless Ad Hoc and Sensor Networks(08 weeks) noc25-cs74	2	CCD: January 20, 2025 to April 11,2025 LDR: Jan 27, 2025	*https://onlinecourses.nptel.ac.in/noc25_cs74/preview*
4	U18MCN1004	Computer Networks and Internet Protocol	Computer Networks and Internet Protocol (12 weeks) noc25-cs15	3	CCD: January 20, 2025 to April 11,2025 LDR: Jan 27, 2025	*https://onlinecourses.nptel.ac.in/noc25_cs15/preview*
5	U18MCN1005	Cryptography and Network Security	Cryptography and Network Security (12 weeks) noc25-cs16	3	CCD: January 20, 2025 to April 11,2025 LDR: Jan 27, 2025	*https://onlinecourses.nptel.ac.in/noc25_cs16/preview*

6	U18MCN1006	Ethical hacking	No Equivalent Course this Sem			
7	U18MCN1007	Deep Learning	Deep Learning (12 weeks) noc25-cs21	3	CCD: January 20, 2025 to March 14,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_cs21/preview
8	U18MCN1008	Service Oriented Architecture	No Equivalent Course this Sem			
9	U18MCN1009	Artificial Intelligence	Artificial Intelligence: Knowledge Representation And Reasoning noc25-cs07	3	CCD: January 20, 2025 to April 11,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_cs07/preview
10	U18MCN1010	Machine Learning	Introduction to Machine Learning (12 weeks) **noc25-cs46**	3	CCD: January 20, 2025 to April 11,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_cs46/preview
11	U18MCN1011	Networking Protocols (CCENT/CCNA and CompTIA Network+ prep)	No Equivalent Course this Sem			
12	U18MCN1012	Computer Networks for beginners	No Equivalent Course this Sem			
13	U18MCN1013	Cloud Computing	Cloud Computing (12 weeks) **noc25-cs11**	3	CCD: January 20, 2025 to April 11,2025	https://onlinecourses.nptel.ac.in/noc25_cs11/preview

| 14 | U18MCN1014 | VLSI Physical Design | VLSI Physical Design (12 weeks) *noc25-cs73* | | CCD: January 20, 2025 to April 11,2025 | *https://onlinecourses.nptel.ac.in/noc25_cs73/preview* |
| 15 | U18MCN1015 | Learning networking technology and security | | | | |

*C: Credits   **CCD**: Course Commencement Date; **LDR**: Last Date of Registration

-	**Minors Laboratory Courses**	**Laboratory Courses (any 2 courses) – TO BE TAKEN IN THE PARENT DEPARTMENT**		
16		U18MCN1016	Networking Essentials Laboratory	**2 credits**
17		U18MCN1017	Linux for Network Engineers: Practical Linux with GNS3	
18		U18MCN1018	Learning Windows Power Shell	
19		U18MCN1019	Introduction to Web Development	
			Total Credits to be earned	**18+2**

Date: 30.12.2024   **MOOCs Coordinator**   **Head of the Department**   **Dean, Academic Affairs**