



KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL
MINOR IN COMPUTER SCIENCE AND ENGINEERING(NETWORKS) (MCN)

MINOR CURRICULUM-2

[For non-circuit branches: CE, ME]

EQUIVALENT MOOCs - ODD SEMESTER, JULY-DEC 2021, AY 2021-22

S.No	Course Code	Course Name	EQUIVALENT COURSES OFFERED BY								
			SWAYAM-NPTEL			COURSERA / UDEMY			SPOKEN TUTORIAL - IITB		
			Course Name	C	Course Dates*	Course Name	C	Course Dates*	Course Name	C	Course Dates*
MINOR COMPULSORY COURSES											
1	U18MCN2001	Data Base Management System	Data Base Management System (8 weeks) noc21-cs58	2	CCD: July 26, 2021 to Sep 17, 2021 LDR: Aug 02, 2021	--		CCD: LDR:	--	CCD: LDR:	
2	U18MCN2002	Software Testing	Software Testing (12 weeks) Noc21-cs73	3	CCD: July 26, 2021 to Oct 15, 2021 LDR: Aug 02, 2021	--		CCD: LDR:	--	CCD: LDR:	
3	U18MCN2003	Computer Networks and Internet Protocol	-		CCD: - LDR: -	--		CCD: LDR:	--	CCD: LDR:	
MINOR ELECTIVE COURSES											
4	U18MCN2004	Industrial IoT	Introduction to Industry 4.0 and Industrial Internet of Things (12 weeks) noc21-cs66	3	CCD: July 26, 2021 to Oct 15, 2021 LDR: Aug 02, 2021	--		CCD: LDR:	--	CCD: LDR:	
5	U18MCN2005	Wireless			CCD:	--		CCD:	--	CCD:	

		Networking Fundamentals			LDR:			LDR:			LDR:
6	U18MCN2006	Python Programming	The Joy of Computing using Python (12 weeks) noc21-cs75	3	CCD: July 26, 2021 to Oct 15, 2021	--		CCD:	--		CCD:
					LDR: Aug 02, 2021			LDR:			LDR:
7	U18MCN2007	Software Engineering	Software Engineering (12 weeks) noc21-cs65	3	CCD: July 26,2021 to Oct 15,2021	--		CCD:	--		CCD:
					LDR: Aug 02,2021			LDR:			LDR:
8	U18MCN2008	Fullstack Web development			CCD:	--		CCD:	--		CCD:
					LDR:			LDR:			LDR:
9	U18MCN2009	IT Network cabling	IT Network cabling: Start your cabling career now	3	CCD:	-		CCD:	--		CCD:
					LDR:			LDR:			LDR:
10	U18MCN2010	Artificial Intelligence	Artificial Intelligence Search Methods For Problem Solving (12 weeks) noc21-cs79	3	CCD: July 26,2021 to Oct 15,2021	--		CCD:	--		CCD:
					LDR: Aug 02,2021			LDR:			LDR:
11	U18MCN2011	Machine Learning	Introduction to Machine Learning (12 weeks) noc21-cs70	3	CCD: July 26,2021 to Oct 15,2021	--		CCD:	--		CCD:
					LDR: Aug 02,2021			LDR:			LDR:
12	U18MCN2012	Cryptography	-		CCD:	--		CCD:	--		CCD:

		and Network Security			LDR:			LDR:			LDR:
13	U18MCN2013	Social Networks	Social Networks (12 weeks) noc21-cs74	3	CCD: July 26,2021 to Oct 15,2021	--		CCD:	--		CCD:
					LDR: Aug 02,2021			LDR:			LDR:
14	U18MCN2014	Ethical hacking			CCD:	--		CCD:	--		CCD:
					LDR:			LDR:			LDR:
15	U18MCN2015	Firewalls			CCD:	--		CCD:	--		CCD:
					LDR:			LDR:			LDR:
16	U18MCN2016	Network design and implementation			CCD:	--		CCD:	--		CCD:
					LDR:			LDR:			LDR:
17	U18MCN2017	Cloud Computing	Cloud Computing (8 weeks) noc21-cs62	2	CCD: Aug 23, 2021 to Oct 15, 2021	--		CCD:	--		CCD:
					LDR: Aug 23, 2021			LDR:			LDR:
18	U18MCN2018	Internet of Things	Introduction to Internet of Things (12 weeks) noc21-cs63	3	CCD: July 26,2021 to Oct 15,2021	--		CCD:	--		CCD:
					LDR: Aug 02,2021			LDR:			LDR:

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.

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 Honours curriculum

B. propose a new course(s) in the place of any listed course(s) in the Honours curriculum, in case no equivalent course is found in MOOCs

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

-	Minor Laboratory Courses	Laboratory Courses (any 2 courses) - TO BE TAKEN IN THE MINOR DEPARTMENT		
19		U18MCN2019	Networking Essentials	2 credits
20		U18MCN2020	Linux for Network Engineers: Practical Linux with GNS3	
21		U18MCN2021	Learning Windows Power Shell	
22		U18MCN2022	Introduction to Web Development	
			<i>Total Credits to be earned</i>	18+2

Date: 08.07.2021

Sri. N.C Santosh Kumar
MOOCs Coordinator

Prof. V. Shankar
Head of the Department

Dean, Academic Affairs