



**KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL**  
**MINOR IN COMPUTER SCIENCE AND ENGINEERING (IoT) (MCS)**

**MINOR CURRICULUM-2**

[For non-circuit branches: CE and ME]

**EQUIVALENT MOOCs - ODD SEMESTER, JULY-DEC 2023, AY 2023-24**

<b>MINOR COMPULSORY COURSES</b>			<b>EQUIVALENT COURSES OFFERED BY SWAYAM-NPTEL</b>			
S.No	Course Code	Course Name	Course Name, Duration & Course Code	C	Course Dates*	Course Enrollment Link
1	U18MIN2001	Fundamentals of Internet Of Things	Introduction To Internet Of Things (12 weeks) noc23-cs83	3	CCD: July 24, 2023 to Oct 13, 2023	<a href="https://onlinecourses.nptel.ac.in/noc23_cs83/preview">https://onlinecourses.nptel.ac.in/noc23_cs83/preview</a>
					LDR: Jul 31, 2023	
2	U18MIN2002	Industrial Internet Of Things	Introduction To Industry 4.0 And Industrial Internet Of Things (12 weeks) noc23-cs82	3	CCD: July 24, 2023 to Oct 13, 2023	<a href="https://onlinecourses.nptel.ac.in/noc23_cs82/preview">https://onlinecourses.nptel.ac.in/noc23_cs82/preview</a>
					LDR: Jul 31, 2023	
<b>MINORELECTIVE COURSES (any 3 to 6 courses)</b>						
3	U18MIN2003	Data Base Management System	Data Base Management System (8 weeks) noc23-cs79	2	CCD: July 24, 2023 to Sep 15, 2023	<a href="https://onlinecourses.nptel.ac.in/noc23_cs79/preview">https://onlinecourses.nptel.ac.in/noc23_cs79/preview</a>
					LDR: Jul 31, 2023	
4	U18MIN2004	Software Engineering	Software Engineering (12 weeks) noc23-cs122	3	CCD: July 24, 2023 to Oct 13, 2023	<a href="https://onlinecourses.nptel.ac.in/noc23_cs122/preview">https://onlinecourses.nptel.ac.in/noc23_cs122/preview</a>
					LDR: Jul 31, 2023	
5	U18MIN2005	Computer Architecture and Organization	Computer Architecture (12 weeks) noc23-cs67	3	CCD: July 24, 2023 to Oct 13, 2023	<a href="https://onlinecourses.nptel.ac.in/noc23_cs67/preview">https://onlinecourses.nptel.ac.in/noc23_cs67/preview</a>
					LDR: Jul 31, 2023	

6	U18MIN2006	Cyber Physical Systems	<b>NOT AVAILABLE THIS SEMESTER</b>			
7	U18MIN2007	Operating Systems	Introduction To Operating Systems (8 weeks) noc23-cs101	2	CCD: July 24,2023 to Sep 15,2023 LDR: Jul 31, 2023	<a href="https://onlinecourses.nptel.ac.in/noc23_cs101/preview">https://onlinecourses.nptel.ac.in/noc23_cs101/preview</a>
8	U18MIN2008	Design and Analysis of Algorithms	Design and analysis of Algorithms (8 weeks) noc23-cs96	2	CCD: July 24, 2023 to Sep 15, 2023 LDR: Jul 31, 2023	<a href="https://onlinecourses.nptel.ac.in/noc23_cs96/preview">https://onlinecourses.nptel.ac.in/noc23_cs96/preview</a>
9	U18MIN2009	Compiler Design	<b>NOT AVAILABLE THIS SEMESTER</b>		CCD: LDR:	
10	U18MIN2010	Artificial Intelligence	Fundamentals of Artificial Intelligence (12 weeks) noc23-ge40	3	CCD: July 24,2023 to Oct 13,2023 LDR: Jul 31, 2023	<a href="https://onlinecourses.nptel.ac.in/noc23_ge40/preview">https://onlinecourses.nptel.ac.in/noc23_ge40/preview</a>
11	U18MIN2011	Machine Learning	Introduction to Machine Learning (12 weeks) noc23-cs98	3	CCD: July 24,2023 to Oct 13,2023 LDR: Jul 31, 2023	<a href="https://onlinecourses.nptel.ac.in/noc23_cs98/preview">https://onlinecourses.nptel.ac.in/noc23_cs98/preview</a>
12	U18MIN2012	Software Defined Networks	<b>NOT AVAILABLE THIS SEMESTER</b>		CCD: LDR:	
13	U18MIN2013	Smart Grid	Smart Grid (12 weeks) noc23-ee124	3	CCD: July 24, 2023 to Oct 13, 2023 LDR: Jul 31, 2023	<a href="https://onlinecourses.nptel.ac.in/noc23_ee124/preview">https://onlinecourses.nptel.ac.in/noc23_ee124/preview</a>
14	U18MIN2014	Computer networks	<b>NOT AVAILABLE THIS SEMESTER</b>		CCD: LDR:	
15	U18MIN2015	Digital Image Processing	Digital Image Processing (12 weeks) noc23-ee118	3	CCD: July 24, 2023 to Oct 13, 2023 LDR: Jul 31, 2023	<a href="https://onlinecourses.nptel.ac.in/noc23_ee118/preview">https://onlinecourses.nptel.ac.in/noc23_ee118/preview</a>
16	U18MIN2016	Big Data Analytics	Big Data Computing (8 weeks) noc23-cs112	2	CCD: Aug 21, 2023 to Oct 13, 2023 LDR: Aug21, 2023	<a href="https://onlinecourses.nptel.ac.in/noc23_cs112/preview">https://onlinecourses.nptel.ac.in/noc23_cs112/preview</a>
17	U18MIN2017	Cloud Computing	Cloud Computing (12 weeks) noc23-cs89	3	CCD: July 24,2023 to Oct 13,2023 LDR: Jul 31, 2023	<a href="https://onlinecourses.nptel.ac.in/noc23_cs89/preview">https://onlinecourses.nptel.ac.in/noc23_cs89/preview</a>
18	U18MIN2018	Internet of Things	<b>NOT AVAILABLE THIS SEMESTER</b>		CCD: LDR:	

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

S.No	MINOR LABORATORY COURSES	Laboratory Courses (any 2 courses) - TO BE TAKEN IN THE MINOR DEPARTMENT		
19		U18MIN2019	Fundamentals of Internet Of Things Laboratory	
20		U18MIN2020	Industrial Internet Of Things Laboratory	
			<i>Total Credits to be earned</i>	<b>18+2</b>

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