



KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL
MINOR IN COMPUTER SCIENCE AND ENGINEERING (IoT) (MIN)
MINOR CURRICULUM-1

[For circuit branches: E&IE, EEE, and ECE]

EQUIVALENT MOOCs – EVEN SEMESTER, JAN-APR 2025, AY 2024-25

MINOR COMPULSORY COURSES			EQUIVALENT COURSES OFFERED BY SWAYAM-NPTEL			
S.No	Course Code	Course Name	Course Name, Duration & Course Code	C	Course Dates*	Course Enrollment Link
1	U18MIN1001	Fundamentals of Internet Of Things	Introduction To Internet Of Things (12 weeks) noc25-cs44	3	CCD: January 20, 2025 to April 11,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_cs44/preview
2	U18MIN1002	Industrial Internet Of Things	Introduction To Industry 4.0 And Industrial Internet Of Things (12 weeks) noc25-cs43	3	CCD: Jan 20, 2025 to April 11,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_cs43/preview
MINORELECTIVE COURSES (any 3 to 6 courses)						
3	U18MIN1003	Privacy and Security in IoT	NOT AVAILABLE THIS SEMESTER			
4	U18MIN1004	Cloud Computing	Cloud Computing (12 weeks) noc25-cs11	3	CCD: Jan 20, 2025 to April 11,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_cs11/preview
5	U18MIN1005	Operating Systems	NOT AVAILABLE THIS SEMESTER	3		
6	U18MCSO10	Python Programming for	NOT AVAILABLE THIS SEMESTER		CCD:	--

	06	Internet Of Things			LDR:	
7	U18MIN1007	Sensor Technology	Sensors and Actuators noc25-ee66		CCD: Jan 20, 2025 to April 11,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_ee66/preview
8	U18MIN1008	Mobile Computing	NOT AVAILABLE THIS SEMESTER		CCD: LDR:	--
9	U18MIN1009	Design and analysis of Algorithms	Design and analysis of Algorithms (8 weeks) Noc25-cs25	2	CCD: Jan 20, 2025 to April 11,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_cs25/preview
10	U18MIN1010	Machine Learning	Introduction to Machine Learning (12 weeks) Noc25-cs46	3	CCD: Jan 20, 2025 to April 11,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_cs46/preview
11	U18MIN1011	Data Mining	Data Mining (8 weeks) noc25-cs19	2	CCD: Jan 20, 2025 to April 11,2025 LDR: Jan 27, 2025	https://onlinecourses.swayam2.a.c.in/cec25_cs19/preview
12	U18MIN1012	Artificial Intelligence	NOT AVAILABLE THIS SEMESTER			
13	U18MIN1013	Introduction to Automata, Languages and Computation	Theory of Computation (8 weeks) noc25-cs70	2	CCD: Jan 20, 2025 to April 11,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_cs70/preview
14	U18MIN1014	Compiler Design	Compiler Design (12 weeks) noc25-cs13		CCD: Jan 20, 2025 to April 11,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_cs13/preview
15	U18MIN1015	Introduction to Robotics Systems	NOT AVAILABLE THIS SEMESTER			
16	U18MIN1016	Data Base Management System	Data Base Management System (8 weeks) noc25-cs18	2	CCD: Jan 20, 2025 to April 11,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_cs18/preview

17	U18MIN1017	Software Engineering	<i>NOT AVAILABLE THIS SEMESTER</i>		
18	U18MIN1018	Big Data Analytics	<i>NOT AVAILABLE THIS SEMESTER</i>	2	

*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		U18MIN1019	Introduction To Internet Of Things Laboratory		
20		U18MIN1020	Industrial Internet Of Things Laboratory		
				<i>Total Credits to be earned</i>	18+2

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