



**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	<a href="https://onlinecourses.nptel.ac.in/noc25_cs44/preview">https://onlinecourses.nptel.ac.in/noc25_cs44/preview</a>
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	<a href="https://onlinecourses.nptel.ac.in/noc25_cs43/preview">https://onlinecourses.nptel.ac.in/noc25_cs43/preview</a>
<b>MINOR ELECTIVE COURSES (any 3 to 6 courses)</b>						
3	U18MIN1003	Privacy and Security in IoT	<b>NOT AVAILABLE THIS SEMESTER</b>			
4	U18MIN1004	Cloud Computing	Cloud Computing (12 weeks) noc25-cs11	3	CCD: Jan 20, 2025 to April 11, 2025  LDR: Jan 27, 2025	<a href="https://onlinecourses.nptel.ac.in/noc25_cs11/preview">https://onlinecourses.nptel.ac.in/noc25_cs11/preview</a>
5	U18MIN1005	Operating Systems	<b>NOT AVAILABLE THIS SEMESTER</b>	3		
6	U18MCSO10	Python Programming for	<b>NOT AVAILABLE THIS SEMESTER</b>		CCD:	--

	06	InternetOfThings			LDR:	
7	U18MIN1007	SensorTechnology	Sensors and Actuators noc25-ee66		CCD: Jan 20, 2025 to April 11,2025 LDR: Jan 27, 2025	<a href="https://onlinecourses.nptel.ac.in/noc25_ee66/preview">https://onlinecourses.nptel.ac.in/noc25_ee66/preview</a>
8	U18MIN1008	MobileComputing	<b>NOTAVAILABLETHISSEMESTER</b>		CCD: LDR:	--
9	U18MIN1009	Designandanalysisof Algorithms	Designandanalysisof Algorithms (8 weeks) Noc25-cs25	2	CCD: Jan 20, 2025 to April 11,2025 LDR: Jan 27, 2025	<a href="https://onlinecourses.nptel.ac.in/noc25_cs25/preview">https://onlinecourses.nptel.ac.in/noc25_cs25/preview</a>
10	U18MIN1010	Machine Learning	IntroductiontoMachineLearning (12 weeks) Noc25-cs46	3	CCD: Jan 20, 2025 to April 11,2025 LDR: Jan 27, 2025	<a href="https://onlinecourses.nptel.ac.in/noc25_cs46/preview">https://onlinecourses.nptel.ac.in/noc25_cs46/preview</a>
11	U18MIN1011	DataMining	DataMining (8 weeks) noc25-cs19	2	CCD: Jan 20, 2025 to April 11,2025 LDR: Jan 27, 2025	<a href="https://onlinecourses.swayam2.ac.in/cec25_cs19/preview">https://onlinecourses.swayam2.ac.in/cec25_cs19/preview</a>
12	U18MIN1012	Artificial Intelligence	<b>NOT AVAALABLETHISSEMESTER</b>			
13	U18MIN1013	IntroductiontoAutomata, Languages and Computation	TheoryofComputation (8 weeks) noc25-cs70	2	CCD: Jan 20, 2025 to April 11,2025 LDR: Jan 27, 2025	<a href="https://onlinecourses.nptel.ac.in/noc25_cs70/preview">https://onlinecourses.nptel.ac.in/noc25_cs70/preview</a>
14	U18MIN1014	Compiler Design	Compiler Design (12 weeks) noc25-cs13		CCD: Jan 20, 2025 to April 11,2025 LDR: Jan 27, 2025	<a href="https://onlinecourses.nptel.ac.in/noc25_cs13/preview">https://onlinecourses.nptel.ac.in/noc25_cs13/preview</a>
15	U18MIN1015	IntroductiontoRobotics Systems	<b>NOTAVAILABLETHISSEMESTER</b>			
16	U18MIN1016	DataBaseManagement System	DataBaseManagementSystem (8 weeks) noc25-cs18	2	CCD: Jan 20, 2025 to April 11,2025 LDR: Jan 27, 2025	<a href="https://onlinecourses.nptel.ac.in/noc25_cs18/preview">https://onlinecourses.nptel.ac.in/noc25_cs18/preview</a>

17	U18MIN1017	SoftwareEngineering	NOTAVAILABLETHISSEMESTER		
18	U18MIN1018	BigDataAnalytics	NOTAVAILABLETHISSEMESTER	2	

\*C:Credits;CCD:CourseCommencementDate;LDR>LastDateofRegistration

S.No	MINOR LABORATORY COURSES	LaboratoryCourses(any2courses)-TOBETAKENINTHEMINORDEPARTMENT		
19		U18MIN1019	IntroductionToInternetOfThings Laboratory	
20		U18MIN1020	IndustrialInternetOfThingsLaboratory	
<i>TotalCreditstobeearned</i>				<b>18+2</b>

Date: MOOCsCoordinator HeadoftheDepartment Dean,AcademicAffairs