



KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING(AI&ML)

MINORS CURRICULUM

MINORS IN COMPUTER SCIENCE AND ENGINEERING(AI &ML)

[For circuit and non-circuit branches: E&IE, EEE, ECE, CE and ME]

MOOCs–ODD SEMESTER, JULY-DEC 2024, AY 2024-25

MINOR COMPULSORY COURSES			COURSES OFFERED BY SWAYAM-NPTEL			
S. No	Course Code	Course Name	Course Name, Duration & Course Code	C	Course Dates*	Course Enrollment Link
1	U18MCM1001	Essential Mathematics for Machine Learning	Essential Mathematics for Machine Learning noc24-ma87	3	Duration: 12 weeks CCD: 22 Jul 2024 To 11 Oct 2024 LDR: 29 Jul 2024	https://onlinecourses.nptel.ac.in/noc24_ma87/preview
2	U18MCM1002	Artificial Intelligence : Search Methods For Problem solving	Artificial Intelligence : Search Methods For Problem solving noc24-cs88	3	Duration: 12 weeks CCD: 22 Jul 2024 To 16 Aug 2024 LDR: 29 Jul 2024	https://onlinecourses.nptel.ac.in/noc24_cs88/preview
3	U18MCM1003	Programming, Data Structures and Algorithms in Python	Programming, Data Structures and Algorithms using Python noc24_cs78	2	Duration: 8 weeks CCD : 22 Jul, 2024 To 13 Sep, 2024 LDR: 29 Jul 2024	https://onlinecourses.nptel.ac.in/noc24_cs78/preview

4	U18MCM1004	Introduction to Machine Learning	Introduction to Machine Learning noc24_cs101	3	Duration: 12 weeks CCD: 22 Jul 2024 To 16 Aug 72024 LDR: 29 Jul 2024	https://onlinecourses.nptel.ac.in/noc24_cs101/preview
MINORELECTIVECOURSES (any 3 to 6 courses)						
5	U18MCM1005	Deep Learning for Computer Vision	Deep Learning for Computer Vision noc24_cs89	3	Duration: 12 weeks CCD: 22 Jul 2024 To 11 Oct 2024 LDR: 29 Jul 2024	https://onlinecourses.nptel.ac.in/noc24_cs89/preview
6	U18MCM1006	Reinforcement Learning	Reinforcement Learning noc24-cs102	3	Duration: 12 weeks CCD: 22 Jul 2024 To 11 Oct 2024 LDR: 29 Jul 2024	https://onlinecourses.nptel.ac.in/noc24_cs102/preview
7	U18MCM1007	An Introduction to Artificial Intelligence	An Introduction to Artificial Intelligence noc24_ge47	3	Duration: 12 weeks CCD: 22 Jul 2024 To 11 Oct 2024 LDR: 29 Jul 2024	https://onlinecourses.nptel.ac.in/noc24_ge47/preview

*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			2 credits
8		U18MCM1008	Data Structures and Algorithms Using Python Laboratory		
9		U18MCM1009	Machine Learning Laboratory		
10		U18MCM1010	Deep Learning for Computer VisionLaboratory		
				Total Credits to be earned	18+2

Date:

MOOCs Coordinator

Head of the Department

Dean, Academic Affairs