



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

MINORS CURRICULUM

MINORS IN COMPUTER SCIENCE AND ENGINEERING (CSM)

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

MOOCs–ODD SEMESTER, JULY-DEC 2025, AY 2025-26

S.No .	Course Type	Course Code	Course Name	Credits
-	Minors Elective Courses	Elective courses (any 6 to 9 courses)		
1		U18MCM1001	Essential Mathematics for Machine Learning	18
2		U18MCM1002	Artificial Intelligence : Search Methods For Problem solving	
3		U18MCM1003	Programming, Data Structures and Algorithms in Python	
4		U18MCM1004	Introduction to Machine Learning	
5		U18MCM1005	Deep Learning for Computer Vision	
6		U18MCM1006	Reinforcement Learning	
7		U18MCM1007	An Introduction to Artificial Intelligence	
<p>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.</p> <p>II. By the end of April of every academic year, the department in consultation with Dean-AA, shall</p> <p>A. Notify the list of equivalent courses in SWAYAM-NPTEL MOOCs/ other standard MOOCs (CISCO Net Acad / UDEMY) against the courses listed under Honours curriculum</p> <p>B. Propose a new course(s) in the place of any course(s) listed under Honours curriculum, in case no equivalent course is found in MOOCs</p>				
-	Minors Laboratory Courses	Laboratory Courses (any 2 courses)		
8		U18MCM1008	Data Structures and Algorithms Using Python Laboratory	2
9		U18MCM1009	Machine Learning Laboratory	
10		U18MCM1010	Deep Learning for Computer Vision Laboratory	
11	Mini-project (optional)	U18AI610	Mini-project (optional)	2
Total Credits to be earned				18 + 2