KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL

MINOR IN COMPUTER SCIENCE AND ENGINEERING (AI&ML) (MCSM)
- MINOR DEGREE CURRICULUM - ARTIFICIAL INTELLIGENCE

S.No	Course Type	Course Code	Course Name	Credits
-		**Elective courses (any 4 to 5 courses)**		
1	**Minor Elective Courses**	U24MCSM1001	Deep Learning - IIT Ropar	**15-16**
2		U24MCSM1002	Deep Learning for Computer Vision	
3		U24MCSM1003	Reinforcement Learning	
4		U24MCSM1004	Computer Vision	
5		U24MCSM1005	Responsible & Safe AI Systems	
6		U24MCSM1006	Human Computer Interaction	
7		U24MCSM1007	Introduction to Large Language Models (LLMs)	

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 offer an alternative course(s) for the specific scenario, after verification of relevant documents.

II. By the end of April of every academic year, the department in consultation with Dean-AA, shall
   A. notify the list of equivalent courses in SWAYAM-NPTEL MOOCs / other standard MOOCs against the list of courses notified under Minor curriculum
   B. propose a new course(s) in the place of any listed course(s) in the Minor degree curriculum, in case no equivalent course is found in MOOCs

S.No	Course Type	Course Code	Course Name	Credits
-		**Laboratory Courses (any 2 courses)**		
16	**Minor Laboratory Courses**	U24MCSM1008	Data Structures and Algorithms Using Python Laboratory	**2**
17		U24MCSM1009	Machine Learning Laboratory	
18		U24MCSM1010	Deep Learning for Computer Vision Laboratory	
19		U24MCSM1011	Internet of Things Laboratory	
20	**Minor Mini-project (Optional)**	U24MCSM1012	Mini-project (Optional)	**2**
			Total Credits	**18**