



KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL
HONOURS IN COMPUTER SCIENCE & ENGINEERING(IOT) (HCSO) - HONOURS CURRICULUM

S.No	Course Type	Course Code	Course Name	Credits
-	Honours Elective Courses	Elective courses (any 5 to 6 courses)		
1		U18HIN1001	Industry 4.0 and Industrial Internet of Things	15-16
2		U18HIN1002	Deep Learning for Computer Vision	
3		U18HIN1003	Natural Language Processing	
4		U18HIN1004	Reinforcement Learning	
5		U18HIN1005	User-centric Computing For HCI	
6		U18HIN1006	Foundation of Cloud IoT Edge ML	
7		U18HIN1007	Privacy and Security in Online Social Media	
8		U18HIN1008	Cloud Computing	
9		U18HIN1009	Large Language Models (LLMs)	
10		U18HIN1010	Responsible & Safe AI Systems	
11		U18HIN1011	Edge Computing	
12		U18HIN1012	Big Data Computing	
13		U18HIN1013	Blockchain and its Applications	
14		U18HIN1014	Real-Time Systems	
15	U18HIN1015	Systems and Usable Security		
<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 offer 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 against the list of courses notified under Honours curriculum</p> <p>B. propose a new course(s) in the place of any listed course(s) in the Honour curriculum, in case no equivalent course is found in MOOCs</p>				
-	Honours Laboratory Courses	Laboratory Courses (any 2 courses)		
16		U18HIN1016	Arduino ESP Programming Lab	2
17		U18HIN1017	Artificial Intelligence for IOT	
18		U18HIN1018	Raspberry Pi Programming Laboratory	
19	U18HIN1019	Python Programming for IOT Lab		
20	Honours Mini-project (Optional)	U18HIN1020	Mini-project (Optional)	2
Total Credits				18