



KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL
HONOURS IN COMPUTER SCIENCE AND ENGINEERING (HCS)
HONOURS CURRICULUM
EQUIVALENT MOOCs - ODD SEMESTER, JULY-DEC 2024, AY 2024-25

HONOURS ELECTIVE COURSES <i>(any 6 to 9 courses to earn 18 credits)</i>			EQUIVALENT COURSES OFFERED BY SWAYAM-NPTEL			
S.No.	Course Code	Course Name	Course Name, Duration & Course Code	C*	Course Dates*	Course Enrollment Link
1	U18HCS001	Data Science	Data Science for Engineers (8 weeks) noc24-cs133	2	CCD: July 22, 2024 to Sep 13, 2024 LDR: Jul 29, 2024	https://onlinecourses.nptel.ac.in/noc24_cs133/preview
2	U18HCS1002	Reinforcement Learning	Reinforcement Learning (12 weeks) noc24-cs102	3	CCD: July 22,2024 to Oct 11, 2024 LDR: Jul 29, 2024	https://onlinecourses.nptel.ac.in/noc24_cs102/preview
3	U18HCS1003	Applied Natural Language Processing	NOT AVAILABLE THIS SEMESTER		CCD: LDR:	--
4	U18HCS1004	Deep Learning for Computer Vision	Deep Learning for Computer Vision (12 weeks) noc24-cs89	3	CCD: July 22,2024 to Oct 11, 2024 LDR: Jul 29, 2024	https://onlinecourses.nptel.ac.in/noc24_cs89/preview
5	U18HCS1005	Object Oriented System Development	NOT AVAILABLE THIS SEMESTER		CCD: LDR:	--
6	U18HCS1006	Embedded Systems Design	NOT AVAILABLE THIS SEMESTER		CCD: LDR:	--

7	U18HCS1007	Soft Computing	NOT AVAILABLE THIS SEMESTER		CCD:	--
					LDR:	
	U18HCS1008	Privacy and Security issues in Cloud and Social Media	NOT AVAILABLE THIS SEMESTER		CCD:	--
					LDR:	
9	U18HCS1009	Computational Geometry	Computational Complexity (12 weeks) noc24-cs106	3	CCD: July 22,2024 to Oct 11, 2024	https://onlinecourses.nptel.ac.in/noc24_cs106/preview
					LDR: Jul 29, 2024	
10	U18HCS1010	Software Defined Networking	NOT AVAILABLE THIS SEMESTER		CCD:	--
					LDR:	
11	U18HCS1011	Google Cloud Computing Foundations	Google Cloud Computing Foundations (8 weeks) noc24-cs131	2	CCD: Aug 19, 2024 to Oct 11,2024	https://onlinecourses.nptel.ac.in/noc24_cs131/preview
					LDR: Aug 19, 2024	
12	U18HCS1012	Parallel Programming in OpenMP	NOT AVAILABLE THIS SEMESTER		CCD:	--
					LDR:	
13	U18HCS1013	Virtual Reality Technologies	NOT AVAILABLE THIS SEMESTER		CCD:	--
					LDR:	
14	U18HCS1014	Block Chain Applications	NOT AVAILABLE THIS SEMESTER		CCD:	--
					LDR:	
15	U18HCS1015	Apache Spark and Hadoop Technologies	NOT AVAILABLE THIS SEMESTER		CCD:	--
					LDR:	

*C: Credits CCD: Course Commencement Date; LDR: Last Date of Registration

-	Honours Laboratory Courses	Laboratory Courses (any 2 courses) - TO BE TAKEN IN THE PARENT DEPARTMENT		
16		U18HCS1016	Cloud Computing Laboratory	2 credits
17		U18HCS1017	Data Science with R-Tool Laboratory	
18		U18HCS1018	Machine Learning with Tensorflow Laboratory	
19		U18HCS1019	Image Processing with Python Laboratory	
			<i>Total Credits to be earned</i>	18+2

Date: **MOOCs Coordinator** **Head of the Department** **Dean, Academic Affairs**