KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL
HONOURS IN COMPUTER SCIENCE AND ENGINEERING (HCS)
HONOURS CURRICULUM
EQUIVALENT MOOCs – ODD SEMESTER, JULY-DEC 2025, AY 2025-26

HONOURS ELECTIVE COURSES (any 6 to 9 courses to earn 18 credits)			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) noc25-cs101	2	CCD: July 21, 2025 to July 21, 2025 LDR: July 28, 2025	https://onlinecourses.nptel.ac.in/noc25_cs101/preview
2	U18HCS1002	Reinforcement Learning	Reinforcement Learning (12 weeks) noc25-cs92	3	CCD: July 21, 2025 to October 10, 2025 LDR: July 28, 2025	https://onlinecourses.nptel.ac.in/noc25_cs92/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) noc25-cs93	3	CCD: July 21, 2025 to October 10, 2025 LDR: July 28, 2025	https://onlinecourses.nptel.ac.in/noc25_cs93/preview
5	U18HCS1005	Object Oriented System Development	*NOT AVAILABLE THIS SEMESTER*		CCD: LDR:	--

					CCD:	
6	U18HCS1006	Embedded Systems Design	*NOT AVAILABLE THIS SEMESTER*		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) noc25-cs115	3	CCD: July 21, 2025 to October 10, 2025	https://onlinecourses.nptel.ac.in/noc25_cs115/preview
					LDR: July 28, 2025	
10	U18HCS1010	Software Defined Networking	*NOT AVAILABLE THIS SEMESTER*		CCD:	--
					LDR:	
11	U18HCS1011	Google Cloud Computing Foundations	Google Cloud Computing Foundations (8 weeks) noc25-cs107	2	CCD: July 21, 2025 to October 10, 2025	https://onlinecourses.nptel.ac.in/noc25_cs107/preview
					LDR: July 28, 2025	
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**: **C**ourse **C**ommencement **D**ate; **LDR**: **L**ast **D**ate of **R**egistration

-		Laboratory Courses (any 2 courses) – TO BE TAKEN IN THE PARENT DEPARTMENT		
16	**Honours Laboratory Courses**	U18HCS1016	Parallel Programming 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	
			Total Credits to be earned	**18+2**

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