



KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL
HONOURS IN COMPUTER SCIENCE AND ENGINEERING (HCS)
HONOURS CURRICULUM
EQUIVALENT MOOCs - EVEN SEMESTER, JAN-APRIL 2025, 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) noc25-cs20	2	CCD: January 20, 2025 to March 14,2025 LDR: Jan27, 2025	https://onlinecourses.nptel.ac.in/noc25_cs20/preview
2	U18HCS1002	Reinforcement Learning	Reinforcement Learning (12 weeks) noc25-cs62	3	CCD: January 20, 2025 to April 11,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_cs62/preview
3	U18HCS1003	Applied Natural Language Processing	Natural Language Processing (12 weeks) noc25-cs51	3	CCD: January 20, 2025 to April 11,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_cs51/preview
4	U18HCS1004	Deep Learning for Computer Vision	Deep Learning for Visual Computing (12 weeks) noc25-ee17	3	CCD: January 20, 2025 to April 11,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_ee17/preview
5	U18HCS1005	Object Oriented System Development	Object Oriented System Development Using UML, Java and Patterns (12 weeks)	3	CCD: January 20, 2025 to April 11,2025 LDR: Jan 27, 2025	https://onlinecourses.nptel.ac.in/noc25_cs52/preview

			noc25-cs52			
6	U18HCS1006	Embedded Systems Design	Embedded Systems Design (12 weeks) noc25-cs30	3	CCD: January 20, 2025 to April 11,2025	https://onlinecourses.nptel.ac.in/noc25_cs30/preview
					LDR: Jan 27, 2025	
7	U18HCS1007	Soft Computing	Introduction to Soft Computing (8 weeks) noc25-cs48	2	CCD: January 20, 2025 to March 14,2025	https://onlinecourses.nptel.ac.in/noc25_cs48/preview
					LDR: Jan 27, 2025	
8	U18HCS1008	Privacy and Security issues in Cloud and Social Media	NOT AVAILABLE THIS SEMESTER		CCD:	--
					LDR:	
9	U18HCS1009	Computational Geometry	NOT AVAILABLE THIS SEMESTER		CCD:	--
					LDR:	
10	U18HCS1010	Software Defined Networking	NOT AVAILABLE THIS SEMESTER		CCD:	--
					LDR:	
11	U18HCS1011	Google Cloud Computing Foundations	NOT AVAILABLE THIS SEMESTER		CCD:	--
					LDR:	
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	BlockChain Applications	Blockchain and its Applications (12 weeks) noc25-cs08	3	CCD: January 20, 2025 to April 11,2025	https://onlinecourses.nptel.ac.in/noc25_cs08/preview
					LDR: Jan 27, 2025	

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: 07.12.2024 MOOCs Coordinator

Head of the Department

Dean, Academic Affairs