



KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL
HONOURS IN COMPUTER SCIENCE AND ENGINEERING (HCS)
HONOURS CURRICULUM
EQUIVALENT MOOCs - ODD SEMESTER, JULY-DEC 2026, AY 2026-27

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) noc26-cs112	2	CCD: Jul 20, 2026 to Sep 11, 2026 LDR: Jul 27, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs112
2	U18HCS1002	Reinforcement Learning	Reinforcement Learning (12 weeks) noc26-cs134	3	CCD: July 20, 2026 to Oct 9, 2026 LDR: Jul 27, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs134
3	U18HCS1003	Applied Natural Language Processing	Natural Language Processing (12 Weeks) noc26-cs180	3	CCD: July 20, 2026 to Oct 9, 2026 LDR: Jul 27, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs180
4	U18HCS1004	Deep Learning for Computer Vision	Deep Learning for Computer Vision (12 Weeks) noc26-cs174	3	CCD: Jul 20, 2026 to Oct 9, 2026 LDR: Jul 27, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs174

5	U18HCS1005	Object Oriented System Development	NOT AVAILABLE THIS SEMESTER			
6	U18HCS1006	Embedded Systems Design	NOT AVAILABLE THIS SEMESTER			
7	U18HCS1007	Soft Computing	NOT AVAILABLE THIS SEMESTER			
8	U18HCS1008	Privacy and Security issues in Cloud and Social Media	NOT AVAILABLE THIS SEMESTER			
9	U18HCS1009	Computational Geometry	NOT AVAILABLE THIS SEMESTER			
10	U18HCS1010	Software Defined Networking	NOT AVAILABLE THIS SEMESTER			
11	U18HCS1011	Google Cloud Computing Foundations	NOT AVAILABLE THIS SEMESTER			
12	U18HCS1012	Parallel Programming in OpenMP	NOT AVAILABLE THIS SEMESTER			
13	U18HCS1013	Virtual Reality Technologies	Foundations of Virtual Reality noc26-cs140 (12 Weeks)	3	CCD: Jul 20, 2026 To Oct 9, 2026 LDR: Jul 27, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs140
14	U18HCS1014	Block Chain Applications	NOT AVAILABLE THIS SEMESTER			
15	U18HCS1015	Apache Spark and Hadoop Technologies	NOT AVAILABLE THIS SEMESTER			

*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 _____