

KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL
HONOURS IN INFORMATIONTECHNOLOGY (HIT) - HONOURS CURRICULUM
EQUIVALENT MOOCs - ODD SEMESTER, JULY- OCT 2026, AY 2026-27[*URR18-R22*]

S.No	Course Code	Course Name	EQUIVALENT COURSES OFFERED BY		
		HONOURS ELECTIVE COURSES (any 6 to 9 courses to earn 18 credits)	SWAYAM-NPTEL		
			Course Name	C	Course Dates*
1	U18HIT1001	Scalable Data Science	Data Science For Engineers https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs112	2	CCD: 20.07.2026 LDR: 27.07.2026
2	U18HIT1002	Deep Learning	Not Available	--	CCD: LDR:
3	U18HIT1003	Introduction to Industry 4.0 and Industrial Internet of Things	Introduction to Industry 4.0 and Industrial Internet of Things https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs160	3	CCD: 20.07.2026 LDR: 27.07.2026
4	U18HIT1004	Reinforcement Learning	Reinforcement Learning https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs134	3	CCD: 20.07.2026 LDR: 27.07.2026
5	U18HIT1005	Applied Natural Language Processing	Natural Language Processing https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs180	3	CCD: 20.07.2026 LDR: 27.07.2026
6	U18HIT1006	Google Cloud Computing Foundations	Cloud Computing https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs150	3	CCD: 20.07.2026 LDR: 27.07.2026
7	U18HIT1007	Introduction To Haskell Programming	Not Available	--	CCD: LDR:
8	U18HIT1008	Practical Machine Learning with Tensor flow	Not Available	--	CCD: LDR:
9	U18HIT1009	Social Networks	Social Networks https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs135	3	CCD: 20.07.2026 LDR: 27.07.2026
10	U18HIT1010	Introduction To Soft Computing	Not Available	--	CCD:

					LDR:
11	U18HIT1011	Privacy and Security in Online Social Media	Privacy and Security in Online Social Media https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs141	3	CCD: 20.07.2026 LDR: 27.07.2026
12	U18HIT1012	Information Security - 5 - Secure Systems Engineering	Not Available	--	CCD: LDR:
13	U18HIT1013	Introduction to Parallel Programming in OpenMP	Not Available	-	CCD: LDR:
14	U18HIT1014	Computational Geometry	Not Available	-	CCD: LDR:
15	U18HIT1015	Evolutionary Algorithms for Optimization	Not Available	-	CCD: LDR:

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

-		Laboratory Courses (any 2 courses) - TO BE TAKEN IN THE PARENT DEPARTMENT			
16	Honours Laboratory Courses	U18HIT1016	Robotic Process Automation Lab	2 credits	
17		U18HIT1017	Cryptography & Network Security Lab/Network Simulation Lab		
18		U18HIT1018	MATLAB		
19		U18HIT1019	DevOps Lab		
20	Honours Mini-project (optional)	U18HIT1020	Mini-project (optional)	2 credits	
Total Credits to be earned					18+2

Date: 29.07.2026

MOOCs Coordinator
S.B.Swathi

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Head of the Department