

KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL
HONOURS IN INFORMATIONTECHNOLOGY (HIT) - HONOURS CURRICULUM
EQUIVALENT MOOCs - ODD SEMESTER, JULY- OCT 2025, AY 2025-26

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/noc25_cs101/preview	2	CCD: 21.07.2025 LDR: 28.07.2025
2	U18HIT1002	Deep Learning	Deep Learning- IIT Ropar https://onlinecourses.nptel.ac.in/noc25_cs106/preview	3	CCD: 21.07.2025 LDR: 28.07.2025
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/noc25_cs146/preview	3	CCD: 21.07.2025 LDR: 28.07.2025
4	U18HIT1004	Reinforcement Learning	Reinforcement Learning https://onlinecourses.nptel.ac.in/noc25_cs92/preview	3	CCD: 21.07.2025 LDR: 28.07.2025
5	U18HIT1005	Applied Natural Language Processing	Not Available	--	CCD: LDR:
6	U18HIT1006	Google Cloud Computing Foundations	Not Available	--	CCD: LDR:
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/noc25_cs102/preview	3	CCD: 21.07.2025 LDR: 28.07.2025
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/noc25_cs117/preview	3	CCD: 21.07.2025 LDR: 28.07.2025
12	U18HIT1012	Information Security - 5 - Secure Systems Engineering	Not Available	--	CCD: LDR:
13	U18HIT1013	Introduction to Parallel Programming in	Not Available	-	CCD:

		OpenMP			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

-	Honours Laboratory Courses	Laboratory Courses (any 2 courses) - TO BE TAKEN IN THE PARENT DEPARTMENT			
16		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
<i>Total Credits to be earned</i>					18+2

Date: 11.07.2025

MOOCs Coordinator
S.B.Swathi

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Head of the Department