

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 <i>(any 6 to 9 courses to earn 18 credits)</i>		SWAYAM-NPTEL		
			Course Name	C	Course Dates*
1	U24HIT1001	Advanced Distributed Systems	Advanced Distributed Systems https://onlinecourses.nptel.ac.in/noc25_cs84/preview	4	CCD: 21.07.2025 LDR: 28.07.2025
2	U24HIT1002	Cyber Security and Privacy	Cyber Security and Privacy https://onlinecourses.nptel.ac.in/noc25_cs116/preview	4	CCD: 21.07.2025 LDR: 28.07.2025
3	U24HIT1003	Distributed Optimization and Machine Learning	Distributed Optimization and Machine Learning https://onlinecourses.nptel.ac.in/noc25_cs86/preview	4	CCD: 21.07.2025 LDR: 28.07.2025
4	U24HIT1004	Introduction to Large Language Models (LLMs)	Introduction to Large Language Models (LLMs) https://onlinecourses.nptel.ac.in/noc25_cs161/preview	4	CCD: 21.07.2025 LDR: 28.07.2025
5	U24HIT1005	Mathematical Foundations for Machine Learning	Mathematical Foundations for Machine Learning https://onlinecourses.nptel.ac.in/noc25_cs136/preview	4	CCD: 21.07.2025 LDR: 28.07.2025
6	U24HIT1006	Practical Cyber Security for Cyber Security Practitioners	Practical Cyber Security for Cyber Security Practitioners https://onlinecourses.nptel.ac.in/noc25_cs120/preview	4	CCD: 21.07.2025 LDR: 28.07.2025
7	U24HIT1007	Privacy and Security in Online Social Media	Privacy and Security in Online Social Media https://onlinecourses.nptel.ac.in/noc25_cs117/preview	4	CCD: 21.07.2025 LDR: 28.07.2025
8	U24HIT1008	Reinforcement Learning	Reinforcement Learning https://onlinecourses.nptel.ac.in/noc25_cs92/preview	4	CCD: 21.07.2025 LDR: 28.07.2025
9	U24HIT1009	Scalable Data Science	Scalable Data Science https://onlinecourses.nptel.ac.in/noc25_cs160/preview	3	CCD: 21.07.2025 LDR: 28.07.2025
10	U24HIT1010	Social Network Analysis	Social Networks https://onlinecourses.nptel.ac.in/noc25_cs102/preview	4	CCD: 21.07.2025 LDR: 28.07.2025

11	U24HIT1011	Software Project Management	Privacy and Security in Online Social Media https://onlinecourses.nptel.ac.in/noc25_cs117/preview	4	CCD: 21.07.2025
					LDR: 28.07.2025

*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		U24HIT1012	Data Science Lab	2 credits
17		U24HIT1013	Artificial Neural Networks Lab	
18		U24HIT1014	Cyber Security Lab	
19		U24HIT1015	Cryptography and Network Security Lab	
		U24HIT1016	Cloud Computing Lab	
20	Honours Mini- project (optional)	U24HIT1017	Mini-project (optional)	2 credits
Total Credits to be earned				18+2

Date: 11.07.2025

MOOCs Coordinator
S.B.Swathi

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Head of the Department