KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL

HONOURS IN INFORMATIONTECHNOLOGY (HIT) - HONOURS CURRICULUM

EQUIVALENT MOOCs – ODD SEMESTER, JULY- OCT 2026, AY 2026-27*[URR24]*

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	U24HIT1001	Advanced Distributed Systems	Advanced Distributed Systems https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs169	4	CCD: 20.07.2026 LDR: 27.07.2026
2	U24HIT1002	Cyber Security and Privacy	Cyber Security and Privacy https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs144	4	CCD: 20.07.2026 LDR: 27.07.2026
3	U24HIT1003	Distributed Optimization and Machine Learning	Distributed Optimization and Machine Learning https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs130	4	CCD: 20.07.2026 LDR: 27.07.2026
4	U24HIT1004	Introduction to Large Language Models (LLMs)	Introduction to Large Language Models (LLMs) https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs171	4	CCD: 20.07.2026 LDR: 27.07.2026
5	U24HIT1005	Mathematical Foundations for Machine Learning	Mathematical Foundations for Machine Learning https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs128	4	CCD: 20.07.2026 LDR: 27.07.2026
6	U24HIT1006	Practical Cyber Security for Cyber Security Practitioners	Not Available	--	CCD: LDR:
7	U24HIT1007	Privacy and Security in Online Social Media	Privacy and Security in Online Social Media https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs141	4	CCD: 20.07.2026 LDR: 27.07.2026

8	U24HIT1008	Reinforcement Learning	Reinforcement Learning https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs134	4	CCD: 20.07.2026 LDR: 27.07.2026
9	U24HIT1009	Scalable Data Science	Scalable Data Science https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs122	3	CCD: 20.07.2026 LDR: 27.07.2026
10	U24HIT1010	Social Network Analysis	Social Networks https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs135	4	CCD: 20.07.2026 LDR: 27.07.2026
11	U24HIT1011	Software Project Management	Software Project Management https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs152	4	CCD: 20.07.2026 LDR: 27.07.2026

***C**: **C**redits ; **CCD**: **C**ourse **C**ommencement **D**ate; **LDR**: **L**ast **D**ate of **R**egistration

-	**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: 29.07.2026

MOOCs Coordinator
S.B.Swathi

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Head of the Department