

**KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL**  
**HONOURS IN INFORMATIONTECHNOLOGY (HIT) - HONOURS CURRICULUM**  
**EQUIVALENT MOOCs - ODD SEMESTER, JULY-OCTOBER 2022, AY 2022-23**

S. No	Course Code	Course Name	EQUIVALENT COURSES OFFERED BY								
			SWAYAM-NPTEL			COURSERA / UDEMY			SPOKEN TUTORIAL - IITB		
			Course Name	C	Course Dates*	Course Name	C	Course Dates*	Course Name	C	Course Dates*
	<b>HONOURS ELECTIVE COURSES</b> (any 6 to 9 courses to earn 18 credits)										
1	U18HIT1001	Scalable Data Science	Scalable Data Science	2	CCD: 25.07.2022 LDR: 01.07.2022	--	-	CCD: LDR:	--	--	CCD: LDR:
2	U18HIT1002	Deep Learning	Deep Learning	3	CCD: 25.07.2022 LDR: 22.07.2022	--	-	CCD: LDR:	--	-	CCD: LDR:
3	U18HIT1003	Introduction to Industry 4.0 and Industrial Internet of Things	Introduction to Industry 4.0 and Industrial Internet of Things	3	CCD: 25.07.2022 LDR: 22.07.2022	--	-	CCD: LDR:	--	-	CCD: LDR:
4	U18HIT1004	Reinforcement Learning	Reinforcement Learning	3	CCD: 25.07.2022 LDR: 22.07.2022	--	-	CCD: LDR:	--	-	CCD: LDR:
5	U18HIT1005	Applied Natural Language Processing		--	CCD: LDR:	--	-	CCD: LDR:	--	-	CCD: LDR:
6	U18HIT1006	Google Cloud Computing Foundations		--	CCD: LDR:	--	-	CCD: LDR:	--	-	CCD: LDR:
7	U18HIT1007	Introduction To Haskell Programming	Introduction To Haskell Programming	2	CCD: 25.07.2022 LDR: 01.07.2022	--	-	CCD: LDR:	--	-	CCD: LDR:

8	U18HIT1008	Practical Machine Learning with Tensor flow		--	CCD:	--	-	CCD:	--	-	CCD:
					LDR:			LDR:			LDR:
9	U18HIT1009	Social Networks	Social Networks	3	CCD: 25.07.2022	-	-	CCD:	--	-	CCD:
					LDR: 22.07.2022			LDR:			LDR:
10	U18HIT1010	Introduction To Soft Computing	Introduction To Soft Computing	2	CCD: 12.11.2021	--	-	CCD:	--	-	CCD:
					LDR: 31.01.2022			LDR:			LDR:
11	U18HIT1011	Privacy and Security in Online Social Media		-	CCD:	--	-	CCD:	--	-	CCD:
					LDR:			LDR:			LDR:
12	U18HIT1012	Information Security - 5 - Secure Systems Engineering		-	CCD:	--	-	CCD:	--	-	CCD:
					LDR:			LDR:			LDR:
13	U18HIT1013	Introduction to Parallel Programming in OpenMP		-	CCD:	--	-	CCD:	--	-	CCD:
					LDR:			LDR:			LDR:
14	U18HIT1014	Computational Geometry	Computational Geometry	3	CCD: 12.11.2021	--	-	CCD:	--	-	CCD:
					LDR: 31.01.2022			LDR:			LDR:
15	U18HIT1015	Evolutionary Algorithms for Optimization		-	CCD:	--	-	CCD:	--	-	CCD:
					LDR:			LDR:			LDR:

- I. In exigency situations such as the student already completed the listed compulsory courses(s) on his/her own interest during previous semesters through valid MOOCs etc, the HoD in consultation with Dean-AA shall propose an alternative course(s) for the specific scenario, after verification of relevant documents.
- II. By the end of April of every academic year, the department in consultation with Dean-AA, shall
  - A. notify the list of equivalent courses in SWAYAM-NPTEL MOOCs / other standard MOOCs against the list of courses notified under Honours curriculum
  - B. propose a new course(s) in the place of any listed course(s) in the Honours curriculum, in case no equivalent course is found in MOOCs

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

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

Date: 16.06.2022

MOOCs Coordinator  
S.B.Swathi

Dr.T.Senthil Murugan  
Head of the Department