

KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL
HONOURS IN INFORMATIONTECHNOLOGY (HIT) - HONOURS CURRICULUM
EQUIVALENT MOOCs - ODD SEMESTER, JULY-DEC 2021, AY 2021-22

S.No	Course Code	Course Name	EQUIVALENT COURSES OFFERED BY								
			SWAYAM-NPTEL			COURSERA / UDEMY			SPOKEN TUTORIAL - IITB		
HONOURS ELECTIVE COURSES (any 6 to 9 courses to earn 18 credits)			Course Name	C	Course Dates*	Course Name	C	Course Dates*	Course Name	C	Course Dates*
1	U18HIT1001	Scalable Data Science	Scalable Data Science	2	CCD: 26.07.2021	--	-	CCD:	--	--	CCD:
					LDR: 02.08.2021			LDR:			LDR:
2	U18HIT1002	Deep Learning	Deep learning - IITRopar	3	CCD: 26.07.2021	--	-	CCD:	--	-	CCD:
					LDR: 02.08.2021			LDR:			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: 26.07.2021	--	-	CCD:	--	-	CCD:
					LDR: 02.08.2021			LDR:			LDR:
4	U18HIT1004	Reinforcement Learning	Reinforcement Learning	3	CCD: 26.07.2021	--	-	CCD:	--	-	CCD:
					LDR: 02.08.2021			LDR:			LDR:
5	U18HIT1005	Applied Natural Language Processing	Natural Language Processing	3	CCD: 26.07.2021	--	-	CCD:	--	-	CCD:
					LDR: 02.08.2021			LDR:			LDR:
6	U18HIT1006	Google Cloud Computing Foundations	--	-	CCD:	--	-	CCD:	--	-	CCD:
					LDR:			LDR:			LDR:

7	U18HIT1007	Introduction To Haskell Programming	Introduction To Haskell Programmin g	2	CCD: 26.07.2021	--	-	CCD:	--	-	CCD:
					LDR: 02.08.2021			LDR:			LDR:
8	U18HIT1008	Practical Machine Learning with Tensorflow	--	-	CCD:	--	-	CCD:	--	-	CCD:
					LDR:			LDR:			LDR:
9	U18HIT1009	Social Networks	Social Networks	3	CCD: 26.07.2021	-	-	CCD:	--	-	CCD:
					LDR: 02.08.2021			LDR:			LDR:
10	U18HIT1010	Introduction To Soft Computing	--	-	CCD:	--	-	CCD:	--	-	CCD:
					LDR:			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	--	-	CCD:	--	-	CCD:	--	-	CCD:
					LDR:			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

-	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		
<i>Total Credits to be earned</i>				18+2	

Date: 20-06-2021

MOOCs Coordinator

Dr.P.Kamakshi

S.B.Swathi

Head of the Department