S.No	Course Type	Course Code	Course Name	Credits
-		**Electivecourses**	**(any 5to6courses)**	
1		U18HEC1001	Digital VLSI Testing	
2		U18HEC1002	Coding Theory	
3		U18HEC1003	Modern Digital Communication Techniques	
4	**Honours Elective Courses**	U18HEC1004	Computer Vision and ImageProcessing-Fundamentals and Applications	
5		U18HEC1005	Software Defined Radio	15-16
6		U18HEC1006	Millimeter Wave Technology	
7		U18HEC1007	Multirate DSP	
8		U18HEC1008	Microwave Theory andTechniques	
9		U18HEC1009	FabricationTechniques for MEMs-based Sensors :Clinical Perspective	
10		U18HEC1010	Principles of Signal Estimation forMIMO/OFDM Wireless Communication	
		U18HEC1011	Deep Learning for ComputerVision	
		U18HEC1012	Artificial Intelligence	
		U18HEC1013	Industrial Internet of things	
		U18HEC1014	Robotics	
		U18HEC1015	Data Science	

I. In exigency situations such as the student already completed the listed compulsory courses(s) on his/her own interest during previous semesters through validMOOCs etc, the HoD in consultation with Dean-AA shall offer an alternative course(s) for the specific scenario, after verification of relevant documents.

II. By the end ofApril of every academic year,the department in consultation with Dean-AA, shall

    A. Notify the list of equivalent courses in SWAYAM-NPTELMOOCs/ 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 Honour curriculum, in case no equivalent course is found in MOOCs

S.No	Course Type	Course Code	Course Name	Credits
-		**LaboratoryCourses**	**(any2courses)**	
16	**Honours Laboratory Courses**	U18HEC1016	VLSI Design Laboratory	
17		U18HEC1017	Advanced Communication Laboratory	
18		U18HEC1018	Signal Processing and Applications Laboratory	2
19		U18HEC1019	Antenna Design Laboratory	
20	**Honours Mini-project (optional)**	U18HEC1020	Mini-project (optional)	2
			Total Credits	**18**