S.No	Course Type	Course Code	Course Name	Credits
1	**Minor Compulsory Courses**	U18MEC2001	Introduction to Embedded systems	
2		U18MEC2002	Modern digital Communication techniques	
3		U18MEC2003	CMOS Digital VLSI Design	
-		**Electivecourses (any 5to 6 courses)**		
4		U18MEC2004	Biomedical Signal Processing	
5		U18MEC2005	Fundamentals of MIMO Wireless Communication	
6		U18MEC2006	Evolution of Air Interface towards 5G	
7		U18MEC2007	Coding Theory	
8		U18MEC2008	Computer Vision and Image Processing-Fundamentals and Applications	**15-16**
9	**Minor Elective Courses**	U18MEC2009	Software Defined Radio	
10		U18MEC2010	Wireless and Cellular Communications	
11		U18MEC2011	Antennas	
12		U18MEC2012	Fiber Optic Communication Technology	
13		U18MEC2013	Sensors and Actuators	
14		U18MEC2014	Wireless AdHoc and Sensor Networks	
15		U18MEC2015	Industrial Internet of Things	
16		U18MEC2016	Robotics and Computer Vision	
17		U18MEC2017	Microwave Theory and Techniques	
18		U18MEC2018	Peer To Peer Networks	

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 offer 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-NPTELMOOCs/other standard MOOCs against the list of courses notified under Minor curriculum

    B. Propose a new course(s) in the place of any listed course(s) in the Minor degree curriculum, in case no equivalent course is found in MOOCs

S.No	Course Type	Course Code	Course Name	Credits
-		**Laboratory Courses (any2courses)**		
16	**Minor Laboratory Courses**	U18MEC1019	Analog and Digital Circuits Laboratory	
17		U18MEC1020	Communications Engineering Laboratory	
18		U18MEC1021	Signal Processing Laboratory	**2**
19		U18MEC1022	Microprocessors and Embedded systems	
20	**Minor Mini-project (Optional)**	U18MEC1023	Mini-project (Optional)	**2**
			Total Credits	**18**