



MINOR IN ELECTRICAL ENGINEERING (MEE)
MINOR CURRICULUM - 2
[for branches: ECE, ECI, EIE]

S.No	Course Type	Course Code	Course Name	Credits
1	Minor Compulsory Courses	U18MEE2001	Electrical Machines-I	18
2		U18MEE2002	Electrical Power Systems	
3		U18MEE2003	Power Electronics	
	Minor Elective Courses	Elective courses (any 3 to 6 courses)		
4		U18MEE2004	Utilization of Electrical Engineering	
5		U18MEE2005	Renewable Energy Systems	
6		U18MEE2006	Power System Analysis	
7		U18MEE2007	Power Systems Protection	
8		U18MEE2008	SCADA	
9		U18MEE2009	Electric Vehicles	
10		U18MEE2010	Digital Control Systems	
11		U18MEE2011	Electric Drives	
12		U18MEE2012	Power Quality	
13		U18MEE2013	Energy Auditing	
14		U18MEE2014	Electrical Machines-II	
15		U18MEE2015	High Voltage Engineering	
16		U18MEE2016	Smart Grid	
17		U18MEE2017	DC Microgrid	
18	U18MEE2018	Design of Photovoltaic Systems		
<p>I. In exigency situations such as the student already completed the listed compulsory courses(s) or elective course(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.</p> <p>II. By the end of April of every academic year, the department in consultation with Dean-AA, shall</p> <p style="margin-left: 40px;">A. notify the list of equivalent courses in SWAYAM-NPTEL MOOCs / other standard MOOCs against the courses listed under Minor curriculum</p> <p style="margin-left: 40px;">B. propose a new course(s) in the place of any course(s) listed under Minor curriculum, in case no equivalent course is found in MOOCs</p>				
-	Minor Laboratory Courses	Laboratory Courses (any 2 courses)		
19		U18MEE2019	Electrical Circuits & Control Systems Simulation Lab	2
20		U18MEE2020	Electrical Machines Simulation Lab	
21		U18MEE2021	Power Systems Simulation Lab	
22		U18MEE2022	Power Electronics & Drives Simulation Lab	
Total Credits				20