



KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, WARANGAL
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

MINOR IN ELECTRICAL ENGINEERING (MEE)
MINOR CURRICULUM
[for branches: CE, ME, CSE, IT, CSN]

S.No	Course Type	Course Code	Course Name	Credits	
1	Minor Compulsory Courses	U18MEE1001	Electric Circuits	15-16	
2		U18MEE1002	Electrical Machines		
3		U18MEE1003	Electrical Measurements		
	Minor Elective Courses	Elective courses (any 3 to 6 courses)			
4		U18MEE1004	Electrical Power Systems		
5		U18MEE1005	Renewable Energy Systems		
6		U18MEE1006	Power System Analysis		
7		U18MEE1007	Power Systems Protection		
8		U18MEE1008	Power Electronics		
9		U18MEE1009	Electric Vehicles		
10		U18MEE1010	Control Systems		
11		U18MEE1011	Electronic Devices and Circuits		
12		U18MEE1012	Electromagnetic Fields		
13		U18MEE1013	Utilization of Electrical Engineering		
<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>A. notify the list of equivalent courses in SWAYAM-NPTEL MOOCs / other standard MOOCs against the courses listed under Minor curriculum</p> <p>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)			
14		U18MEE1014	Electrical Circuits & Measurements Simulation Lab	2	
15		U18MEE1015	Electrical Machines Simulation Lab		
16		U18MEE1016	Power Systems Simulation Lab		
17		U18MEE1017	Power Electronics Simulation Lab		
18	Mini-project (optional)	U18MEE1018	Mini-project (optional)	2	
Total Credits				18	