



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL
MINORS IN ELECTRICAL & ELECTRONICS ENGINEERING (MEE)
MINORS CURRICULUM-2 [for branches: ECE, ECI, EIE]
EQUIVALENT MOOCs - ODD SEMESTER, JULY-DEC 2025, AY 2025-26

URR-18

The following are the list of Minors in Electrical & Electronics Engineering and their equivalent courses for ODD semester (July-Dec) academic year 2025-26.

MINOR COMPULSORY COURSES			EQUIVALENT COURSES OFFERED BY SWAYAM-NPTEL			
S.No	Course Code	Course Name	Course Name, Duration & Course code	C	Course Dates*	Course enrollment link
1.	U18MEE2001	Electrical Machines	Electrical Machines-I (12 Weeks) noc25-ee124	3	CCD: July 21, 2025 to Oct 10, 2025 LDR: July 28, 2025	https://onlinecourses.nptel.ac.in/noc25_ee124/preview
2.	U18MEE2002	Electrical Power Systems	Sustainable Power Generation Systems (12 Weeks) noc25-ge54	3	CCD: July 21, 2025 to Oct 10, 2025 LDR: July 28, 2025	https://onlinecourses.nptel.ac.in/noc25_ge54/preview
3.	U18MEE2003	Power Electronics	NOT AVAILABLE THIS SEMESTER	--	--	--
MINOR ELECTIVE COURSES (any 5 to 6 courses)						
4.	U18MEE2004	Utilization of Electrical Engineering	NOT AVAILABLE THIS SEMESTER	--	--	--
5.	U18MEE2005	Renewable Energy Systems	NOT AVAILABLE THIS SEMESTER	--	--	--
6.	U18MEE2006	Power System Analysis	NOT AVAILABLE THIS SEMESTER	--	--	--
7.	U18MEE2007	Power Systems Protection	Power System Protection (12 Weeks) noc25-ee122	3	CCD: July 21, 2025 to Oct 10, 2025 LDR: July 28, 2025	https://onlinecourses.nptel.ac.in/noc25_ee122/preview
8.	U18MEE2008	SCADA	NOT AVAILABLE THIS SEMESTER	--	--	--
9.	U18MEE2009	Electric Vehicles	NOT AVAILABLE THIS SEMESTER	--	--	--

			SEMESTER		--	
10.	U18MEE2010	Digital Control Systems	NOT AVAILABLE THIS SEMESTER	--	--	--
11.	U18MEE2011	Electric Drives	NOT AVAILABLE THIS SEMESTER	--	--	--
12.	U18MEE2012	Power Quality	NOT AVAILABLE THIS SEMESTER	--	--	--
13.	U18MEE2013	Energy Auditing	NOT AVAILABLE THIS SEMESTER	--	--	--

*C: Credits; CCD: Course Commencement Date; LDR: Last Date of Registration

Laboratory Courses and Mini Project- Honours Curriculum (any 2 courses) – TO BE TAKEN IN THE MECHANICAL ENGINEERING DEPARTMENT				
14.	Laboratory Courses- Minors Curriculum	U18MEE2014	Electrical Circuits & Control Systems Simulation Lab	2 Credits
15.		U18MEE2015	Electrical Machines Simulation Lab	
16.		U18MEE2016	Power Systems Simulation Lab	
17.		U18MEE2017	Power Electronics & Drives Simulation Lab	
18.	Minors Mini-project (Optional)	U18MEE2018	Mini-project (Optional)	2 Credits
Total Credits to be earned				16+2

Date: 15-07-2025
Dr. A. Rajasekhar
MOOCs Coordinator, MED

Dr. M. Narasimha Rao
Head of the Department, EEE

Dr. K. Venumadhav
Dean, Academic Affairs