



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL
MINORS IN ELECTRICAL & ELECTRONICS ENGINEERING (MEE)
MINORS CURRICULUM
EQUIVALENT MOOCs - ODD SEMESTER, JULY-DEC 2025, AY 2025-26

URR-24

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.	U24MEE1001	Electric Circuits Electrical Machines	Basic Electrical Circuits (12 Weeks) noc25-ee91	3	CCD: July 21, 2025 to Oct 10, 2025 LDR: July 28, 2025	https://onlinecourses.nptel.ac.in/noc25_ee91/preview
2.	U24MEE1002	Renewable Energy Systems Electric Circuits	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
3.	U24MEE1003	Electrical Machines	NOT AVAILABLE THIS SEMESTER	--	-- --	--
MINOR ELECTIVE COURSES (any 5 to 6 courses)						
4.	U24MEE1004	A Basic Course on Electric and Magnetic Circuits/Electro Magnetic Theory	Electro Magnetic Theory (12 Weeks) noc25-ee149	3	CCD: July 21, 2025 to Oct 10, 2025 LDR: July 28, 2025	https://onlinecourses.nptel.ac.in/noc25_ee149/preview
5.	U24MEE1005	Control Systems	Control Systems (12 Weeks) noc25-de14	3	CCD: July 21, 2025 to Oct 10, 2025 LDR: July 28, 2025	https://onlinecourses.nptel.ac.in/noc25_de14/preview
6.	U24MEE1006	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

7.	U24MEE1007	Utilization of Electrical Engineering	NOT AVAILABLE THIS SEMESTER	--	-- --	--
8.	U24MEE1008	Fundamentals of Power Electronics	NOT AVAILABLE THIS SEMESTER	--	-- --	--
9.	U24MEE1009	Fundamentals of Electric Drives	NOT AVAILABLE THIS SEMESTER	--	-- --	--
10.	U24MEE1010	Introduction to Electric and Hybrid Electric Vehicle	NOT AVAILABLE THIS SEMESTER	--	-- --	--
11.	U24MEE1011	Power Systems Protection/ Power Systems Protection and Switchgear	Power Systems 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
12.	U24MEE1012	Power Quality	NOT AVAILABLE THIS SEMESTER	--	-- --	--
13.	U24MEE1013	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	U24MEE1014	Electrical Circuits & Simulation Lab	2 Credits
15.		U24MEE1015	Electrical Machines Lab	
16.		U24MEE1016	Power Systems Lab	
17.		U24MEE1017	Power Electronics & Drives Lab	
18.	Minors Mini-project (Optional)	U24MEE1018	Mini-project (optional)	2 Credits
<i>Total Credits to be earned</i>				16+2

Date: 15-07-2025

Dr. A. Rajasekhar
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