



**KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL**  
**MINORS IN ELECTRICAL & ELECTRONICS ENGINEERING (MEE)**  
**MINORS CURRICULUM-1** [for branches: *CE, ME, CSE, IT, CSN*]  
**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.	U18MEE1001	Electric Circuits	Basic Electrical Circuits (12 Weeks) noc25-ee91	3	CCD: July 21, 2025 to Oct 10, 2025 LDR: July 28, 2025	<a href="https://onlinecourses.nptel.ac.in/noc25_ee91/preview">https://onlinecourses.nptel.ac.in/noc25_ee91/preview</a>
2.	U18MEE1002	Electrical Machines-I	Electrical Machines-I (12 Weeks) noc25-ee124	3	CCD: July 21, 2025 to Oct 10, 2025 LDR: July 28, 2025	<a href="https://onlinecourses.nptel.ac.in/noc25_ee124/preview">https://onlinecourses.nptel.ac.in/noc25_ee124/preview</a>
3.	U18MEE1003	Electrical Measurements	NOT AVAILABLE THIS SEMESTER	--	--	--
<b>MINOR ELECTIVE COURSES (any 5 to 6 courses)</b>						
4.	U18MEE1004	Electrical Power Systems	Sustainable Power Generation Systems (12 Weeks) noc25-ge54	3	CCD: July 21, 2025 to Oct 10, 2025 LDR: July 28, 2025	<a href="https://onlinecourses.nptel.ac.in/noc25_ge54/preview">https://onlinecourses.nptel.ac.in/noc25_ge54/preview</a>
5.	U18MEE1005	Renewable Energy Systems	NOT AVAILABLE THIS SEMESTER	--	--	--
6.	U18MEE1006	Power System Analysis	NOT AVAILABLE THIS SEMESTER	--	--	--
7.	U18MEE1007	Power Systems Protection	Power System Protection (12 Weeks) noc25-ee122	3	CCD: July 21, 2025 to Oct 10, 2025 LDR: July 28, 2025	<a href="https://onlinecourses.nptel.ac.in/noc25_ee122/preview">https://onlinecourses.nptel.ac.in/noc25_ee122/preview</a>
8.	U18MEE1008	Power Electronics	NOT AVAILABLE THIS SEMESTER	--	--	--
9.	U18MEE1009	Electric Vehicles	NOT AVAILABLE THIS SEMESTER	--	--	--

10.	U18MEE1010	Control Systems	Control Systems (12 Weeks) noc25-de14	3	CCD: July 21, 2025 to Oct 10, 2025 LDR: July 28, 2025	<a href="https://onlinecourses.nptel.ac.in/noc25_de14/preview">https://onlinecourses.nptel.ac.in/noc25_de14/preview</a>
11.	U18MEE1011	Electronic Devices and Circuits	Semiconductor Devices and Circuits (12 Weeks) noc25-ee140	3	CCD: July 21, 2025 to Oct 10, 2025 LDR: July 28, 2025	<a href="https://onlinecourses.nptel.ac.in/noc25_ee140/preview">https://onlinecourses.nptel.ac.in/noc25_ee140/preview</a>
12.	U18MEE1012	Electromagnetic Fields	Applied Electromagnetics for Engineers (12 Weeks) noc25-ee148	3	CCD: July 21, 2025 to Oct 10, 2025 LDR: July 28, 2025	<a href="https://onlinecourses.nptel.ac.in/noc25_ee148/preview">https://onlinecourses.nptel.ac.in/noc25_ee148/preview</a>
13.	U18MEE1013	Utilization of Electrical Engineering	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	U18MEE1014	Electrical Circuits & Measurements Simulation Lab	2 Credits
15.		U18MEE1015	Electrical Machines Simulation Lab	
16.		U18MEE1016	Power Systems Simulation Lab	
17.		U18MEE1017	Power Electronics Simulation Lab	
18.	Minors Mini- project (Optional)	U18MEE1018	Mini-project (Optional)	2 Credits
Total Credits to be earned				16+2

Date: 15-07-2025  
Dr. A. Rajasekhar  
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Dr. M. Narasimha Rao  
Head of the Department, EEE

Dr. K. Venumadhav  
Dean, Academic Affairs