



RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA
(University of Technology of Madhya Pradesh)
Airport Bypass Road, Gandhi Nagar,
Bhopal- 462033

(As per Ordinance No 4C Bachelor of Technology 4 year Degree course Para 3.5 and 3.6)
List of permitted MOOC'S COURSES along with their credits for B.Tech. students of RGPV.
For the session July-December 2025

**FOR THE STUDENT OF B.TECH. ELECTRICAL ENGINEERING, ELECTRONICS AND COMMUNICATION,
ELECTRONICS & INSTRUMENTATION, ELECTRONICS ENGINEERING, ELECTRICAL AND ELECTRONICS
ENGINEERING, BIOMEDICAL**

S.No.	Course id	Discipline	Course Name	Duration	RGPV Credit	SME Name	Institute	Course Start Date	Course End Date	Exam date	Click here to Join the Course
1	noc25-ee95	Electrical and Electronics Engineering	Probability Foundations for Electrical Engineers	12 Weeks	3	Prof. Krishna Jagannathan	IIT Madras	July 21, 2025	October 10, 2025	October 25, 2025	https://onlinecourses.nptel.ac.in/noc25_ee95/preview
2	noc25-ee98	Electrical and Electronics Engineering	Advanced Linear Continuous Control Systems: Applications with MATLAB Programming and Simulink	8 Weeks	2	Prof. Yogesh Vijay Hote	IIT Roorkee	July 21, 2025	September 12, 2025	September 20, 2025	https://onlinecourses.nptel.ac.in/noc25_ee98/preview



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3	noc25-ee100	Electrical and Electronics Engineering	Advance Power Electronics and Control	8 Weeks	2	Prof. Avik Bhattacharya	IIT Roorkee	July 21, 2025	September 12, 2025	September 20, 2025	https://onlinecourses.nptel.ac.in/noc25_ee100/preview
4	noc25-ee108	Electrical and Electronics Engineering	Sensor Technologies: Physics, Fabrication, and Circuits	8 Weeks	2	Prof. Mitradip Bhattacharjee	IISER Bhopal	July 21, 2025	September 12, 2025	September 20, 2025	https://onlinecourses.nptel.ac.in/noc25_ee108/preview
5	noc25-ee110	Electrical and Electronics Engineering	Microelectronics: Devices to Circuits	12 Weeks	3	Prof. Sudeb Dasgupta	IIT Roorkee	July 21, 2025	October 10, 2025	October 26, 2025	https://onlinecourses.nptel.ac.in/noc25_ee110/preview
6	noc25-ee112	Electrical and Electronics Engineering	Principles of Modern CDMA/ MIMO/ OFDM Wireless	8 Weeks	2	Prof. Aditya K. Jagannatham	IIT Kanpur	July 21, 2025	September 12, 2025	September 21, 2025	https://onlinecourses.nptel.ac.in/noc25_ee112/preview



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			Communications								
7	noc25-ee113	Electrical and Electronics Engineering	Applied Linear Algebra for Signal Processing, Data Analytics and Machine Learning	12 Weeks	3	Prof. Aditya K. Jagannatham	IIT Kanpur	July 21, 2025	October 10, 2025	October 26, 2025	https://onlinecourses.nptel.ac.in/noc25_ee113/preview
8	noc25-ee116	Electrical and Electronics Engineering	Digital Switching - I	8 Weeks	2	Prof. Y.N.Singh	IIT Kanpur	July 21, 2025	September 12, 2025	September 21, 2025	https://onlinecourses.nptel.ac.in/noc25_ee116/preview
9	noc25-ee127	Electrical and Electronics Engineering	Pattern Recognition and	12 Weeks	3	Prof. Prabir Kumar Biswas	IIT Kharagpur	July 21, 2025	October 10, 2025	November 1, 2025	https://onlinecourses.nptel.ac.in/noc25_ee127/preview



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			Application							2025	
10	noc25-ee129	Electrical and Electronics Engineering	Principles and Techniques of Modern Radar Systems	12 Weeks	3	Prof. Amitabha Bhattacharya	IIT Kharagpur	July 21, 2025	October 10, 2025	November 2, 2025	https://onlinecourses.nptel.ac.in/noc25_ee129/preview
11	noc25-ee130	Electrical and Electronics Engineering	Modeling, Analysis and Estimation of Three Phase Unbalanced Power Network	12 Weeks	3	Prof. Biswarup Das	IIT Roorkee	July 21, 2025	October 10, 2025	October 26, 2025	https://onlinecourses.nptel.ac.in/noc25_ee136/preview
12	noc25-ee132	Electrical and Electronics Engineering,	Modeling and TCAD Simulation	12 Weeks	3	Prof. Mukul Kumar Das	IIT-ISM Dhanbad	July 21, 2025	October 10, 2025	November 2, 2025	https://onlinecourses.nptel.ac.in/noc25_ee132/preview



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		Physics	of Solar PV Cell							2025	
13	noc25-ee137	Electrical Engineering	Optimization Theory and Algorithms	12 Weeks	3	Prof. Uday K Khankhoje	IIT Madras	July 21, 2025	October 10, 2025	October 26, 2025	https://onlinecourses.nptel.ac.in/noc25_ee137/preview
14	noc25-ee142	Electrical Engineering	Electronic Systems for Cancer Diagnosis	12 Weeks	3	Prof. Hardik Jeetendra Pandya	IISc Bangalore	July 21, 2025	October 10, 2025	November 1, 2025	https://onlinecourses.nptel.ac.in/noc25_ee142/preview
15	noc25-ee144	Electrical Engineering	Fabrication Techniques for MEMS-based Sensors: Clinical Perspective	12 Weeks	3	Prof. Hardik Jeetendra Pandya	IISc Bangalore	July 21, 2025	October 10, 2025	November 1, 2025	https://onlinecourses.nptel.ac.in/noc25_ee144/preview
16	noc25-ee147	Electrical engineering	Electrical Equipment and	8 Weeks	2	Prof. S. V. Kulkarni	IIT Bombay	July 21, 2025	September 12,	September	https://onlinecourses.nptel.ac.in/noc25_ee147/preview



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			Machines: Finite Element Analysis						2025	21, 2025	w
17	noc25-ee150	Electrical Engineering	Advanced Distribution System Analysis and Operation	12 Weeks	3	Prof. N. P. Padhy, Prof. Subho Paul	IIT Roorkee	July 21, 2025	October 10, 2025	November 1, 2025	https://onlinecourses.nptel.ac.in/noc25_ee150/preview
18	noc25-ee163	Electrical Engineering	Electronic Systems Design: Hands-on Circuits and PCB Design with CAD Software	12 Weeks	3	Prof. Ankur Gupta	IIT Delhi	July 21, 2025	October 10, 2025	November 2, 2025	https://onlinecourses.nptel.ac.in/noc25_ee163/preview



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19	noc25-ee171	Electronics and Communication Engineering	Basics of Software Defined Radios and Practical Applications	4 Weeks	1	Prof. Meenakshi Rawat	IIT Roorkee	July 21, 2025	August 15, 2025	September 21, 2025	https://onlinecourses.nptel.ac.in/noc25_ee171/preview
20	noc25-ee179	Electronics and Electrical Engineering	Simulation of Communication Systems using Matlab	12 Weeks	3	Prof. Ribhu	IIT Guwahati	July 21, 2025	October 10, 2025	November 1, 2025	https://onlinecourses.nptel.ac.in/noc25_ee179/preview
21	noc25-ee113	Electrical and Electronics Engineering	Applied Linear Algebra for Signal Processing, Data Analytics	12 Weeks	3	Prof. Aditya K. Jagannatham	IIT Kanpur	July 21, 2025	October 10, 2025	October 26, 2025	https://onlinecourses.nptel.ac.in/noc25_ee113/preview



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			and Machine Learning								
22	noc25-ee119	Electrical and Electronics Engineering	Design of Photovoltaic Systems	12 Weeks	3	Prof. L. Umanand	IISc Bangalore	July 21, 2025	October 10, 2025	October 26, 2025	https://onlinecourses.nptel.ac.in/noc25_ee119/preview