



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 3.4 and 3.5)

List of permitted MOOC'S COURSES along with their credits for B.Tech. students of RGPV.

For the session January – April 2023

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	noc23-ee01	Electrical and Electronics Engineering	Electric Vehicles - Part 1	4 Weeks	1	Prof. Amit Jain	IITD	January 23, 2023	February 17, 2023	March 26, 2023	https://onlinecourses.nptel.ac.in/noc23_ee01
2	noc23-ee05	Electrical and Electronics Engineering	Principles of Communication Systems - I	12 Weeks	3	Prof. Aditya K. Jagannatham	IITK	January 23, 2023	April 14, 2023	April 30, 2023	https://onlinecourses.nptel.ac.in/noc23_ee05
3	noc23-ee08	Electrical and Electronics Engineering	Principles of Digital Communications	12 Weeks	3	Prof. Abhishek Dixit	IITD	January 23, 2023	April 14, 2023	April 30, 2023	https://onlinecourses.nptel.ac.in/noc23_ee08
4	noc23-ee20	Electrical and Electronics Engineering	High Power Multilevel Converters- Analysis, design and operational issues	12 Weeks	3	Prof. Anandarup Das	IITD	January 23, 2023	April 14, 2023	April 29, 2023	https://onlinecourses.nptel.ac.in/noc23_ee20
5	noc23-ee21	Electrical and Electronics Engineering	Fuzzy Sets, Logic and Systems &	12 Weeks	3	Prof. Nishchal Kumar Verma	IITK	January 23, 2023	April 14, 2023	April 29, 2023	https://onlinecourses.nptel.ac.in/noc23_ee21



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			Applications								
6	noc23-ee26	Electrical and Electronics Engineering	Recent Advances in Transmission Insulators	4 Weeks	1	Prof. Subba Reddy B	IISc	January 23, 2023	February 17, 2023	March 26, 2023	https://onlinecourses.nptel.ac.in/noc23_ee26
7	noc23-ee32	Electrical and Electronics Engineering	Foundations of Wavelets and Multirate Digital Signal Processing	4 Weeks	1	Prof. V. M. Gadre	IITB	January 23, 2023	February 17, 2023	March 26, 2023	https://onlinecourses.nptel.ac.in/noc23_ee32
8	noc23-ee38	Electrical and Electronics Engineering	Design of Power Electronic Converters	8 Weeks	2	Prof. Shabari Nath	IITG	February 20, 2023	April 14, 2023	April 29, 2023	https://onlinecourses.nptel.ac.in/noc23_ee38
9	noc23-ee39	Electrical and Electronics Engineering	Computer Vision and Image Processing -	12 Weeks	3	Prof. M. K. Bhuyan	IITG	January 23, 2023	April 14, 2023	April 29, 2023	https://onlinecourses.nptel.ac.in/noc23_ee39



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			Fundamentals and Applications								
10	noc23-ee43	Electrical Engineering	Medical Image Analysis	4 Weeks	1	Prof. Debdoot Sheet	IITKGP	January 23, 2023	February 17, 2023	March 26, 2023	https://onlinecourses.nptel.ac.in/noc23_ee43
11	noc23-ee51	Electrical Engineering	Power System Dynamics, Control and Monitoring	12 Weeks	3	Prof. Debapriya Das	IITKGP	January 23, 2023	April 14, 2023	April 29, 2023	https://onlinecourses.nptel.ac.in/noc23_ee51
12	noc23-ee60	Electrical Engineering	Smart Grid: Basics to Advanced Technologies	12 Weeks (8 weeks + 4 weeks new)	3	Prof. N. P. Padhy Prof. Premlata Jena	IITR	January 23, 2023	April 14, 2023	April 30, 2023	https://onlinecourses.nptel.ac.in/noc23_ee60
13	noc23-ee63	Electrical Engineering	Power Quality	12 Weeks	3	Prof. Bhim Singh	IITD	January 23, 2023	April 14, 2023	April 30, 2023	https://onlinecourses.nptel.ac.in/noc23_ee63
14	noc23-ee66	Electrical Engineering	Sensors and actuators	12 Weeks	3	Prof. Hardik J Pandya	IISc	January 23, 2023	April 14, 2023	April 30, 2023	https://onlinecourses.nptel.ac.in/noc23_ee66



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15	noc23-ee67	Electronics and Communication	Physics of Nanoscale Devices	12 Weeks	3	Prof. Vishvendra Singh Poonia	IITR	January 23, 2023	April 14, 2023	April 30, 2023	https://onlinecourses.nptel.ac.in/noc23_ee67
16	noc23-ee70	Electronics and Communication Engineering	Fundamentals Of MIMO Wireless Communication	8 Weeks	2	Prof. Suvra Sekhar Das	IITKGP	January 23, 2023	March 17, 2023	March 26, 2023	https://onlinecourses.nptel.ac.in/noc23_ee70
17	noc23-ee71	Electronics and Communication Engineering	Discrete Time Signal Processing	8 Weeks	2	Prof. Mrityunjay Chakraborty	IITKGP	January 23, 2023	March 17, 2023	March 26, 2023	https://onlinecourses.nptel.ac.in/noc23_ee71
18	noc23-ee75	Electronics and Communication Engineering	Spread Spectrum Communications And Jamming	12 Weeks	3	Prof. Debarati Sen	IITKGP	January 23, 2023	April 14, 2023	April 30, 2023	https://onlinecourses.nptel.ac.in/noc23_ee75