



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 2024

FOR THE STUDENT OF B.TECH. MECHANICAL ENGINEERING, INDUSTRIAL & PRODUCTION ENGINEERING, AUTOMOBILE ENGINEERING, MINING ENGINEERING, ROBOTICS AND MECHATRONICS, AUTOMATION AND ROBOTICS, MINING AND MINERAL PROCESSING, ROBOTICS AND ARTIFICIAL INTELLIGENCE

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	noc24-me24	Mechanical Engineering	Advanced Robotics	12 Weeks	3	Prof. Ashish Dutta	IITK	Jan 22, 2024	Apr 12, 2024	Apr 28, 2024	https://onlinecourses.nptel.ac.in/noc24_me24/preview
2	noc24-me26	Mechanical Engineering	Computational Fluid Dynamics For Incompressible Flows	12 Weeks	3	Prof. Amaresh Dalal	IITG	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	https://onlinecourses.nptel.ac.in/noc24_me26/preview
3	noc24-me31	Mechanical Engineering	Explosions and Safety	12 Weeks	3	Prof. K. Ramamurthi Prof. Prasad Patnaik BSV	IITM	Jan 22, 2024	Apr 12, 2024	Apr 28, 2024	https://onlinecourses.nptel.ac.in/noc24_me31/preview
4	noc24-me32	Mechanical Engineering	Finite Element Modeling Of Welding Processes	12 Weeks	3	Prof. Swarup Bag	IITG	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	https://onlinecourses.nptel.ac.in/noc24_me32/preview



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5	noc24-me34	Mechanical Engineering	Fundamentals of Combustion	12 Weeks	3	Prof. V. Raghavan	IITM	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	https://onlinecourses.nptel.ac.in/noc24_me34/preview
6	noc24-me36	Mechanical Engineering	Fundamentals Of Compressible Flow	12 Weeks	3	Prof. Niranjana Sahoo	IITG	Jan 22, 2024	Apr 12, 2024	Apr 28, 2024	https://onlinecourses.nptel.ac.in/noc24_me36/preview
7	noc24-me42	Mechanical Engineering	Introduction To Mechanical Micro Machining	12 Weeks	3	Prof. Ajay M Sidpara	IITKGP	Jan 22, 2024	Apr 12, 2024	Apr 28, 2024	https://onlinecourses.nptel.ac.in/noc24_me42/preview
8	noc24-me49	Mechanical Engineering	Mechanics Of Fiber Reinforced Polymer Composite Structures	12 Weeks	3	Prof. Debabrata Chakraborty	IITG	Jan 22, 2024	Apr 12, 2024	Apr 28, 2024	https://onlinecourses.nptel.ac.in/noc24_me49/preview
9	noc24-me54	Mechanical Engineering	Nonlinear Vibration	12 Weeks	3	Prof. S. K. Dwivedy	IITG	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	https://onlinecourses.nptel.ac.in/noc24_me54/preview
10	noc24-me64	Mechanical Engineering	Turbulent Combustion: Theory and	12 weeks	3	Prof. Ashok De	IITK	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	https://onlinecourses.nptel.ac.in/noc24_me64/preview



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			Modelling								
11	noc24-me69	Mechanical Engineering	Industrial Hydraulics and Automation	12 weeks	3	Prof. Niranjana Kumar Prof. Ajit Kumar	IIT-ISM Dhanbad	Jan 22, 2024	Apr 12, 2024	Apr 21, 2024	https://onlinecourses.nptel.ac.in/noc24_me69/preview
12	noc24-me10	Mechanical Engineering	Inspection And Quality Control In Manufacturing	4 Weeks	1	Prof. Kaushik Pal	IITR	Jan 22, 2024	Feb 16, 2024	Mar 24, 2024	https://onlinecourses.nptel.ac.in/noc24_me10/preview
13	noc24-me47	Mechanical Engineering	Manufacturing Automation	4 weeks	1	Prof. Sounak Kumar Choudhury	IITK	Jan 22, 2024	Feb 16, 2024	Mar 24, 2024	https://onlinecourses.nptel.ac.in/noc24_me47/preview
14	noc24-me06	Mechanical Engineering	Automatic Control	8 Weeks	2	Prof. Anil Kumar	IITR	Jan 22, 2024	Mar 15, 2024	Mar 24, 2024	https://onlinecourses.nptel.ac.in/noc24_me06/preview
15	noc24-me08	Mechanical Engineering	Failure Analysis And Prevention	8 Weeks	2	Prof. D. K. Dwivedi	IITR	Jan 22, 2024	Mar 15, 2024	Mar 23, 2024	https://onlinecourses.nptel.ac.in/noc24_me08/preview
16	noc24-me14	Mechanical Engineering	Modelling And Simulation Of Dynamic Systems	8 Weeks	2	Prof. Pushparaj Mani Pathak	IITR	Feb 19, 2024	Apr 12, 2024	Apr 21, 2024	https://onlinecourses.nptel.ac.in/noc24_me14/preview



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17	noc24-me16	Mechanical Engineering	Principles Of Casting Technology	8 Weeks	2	Prof. P. K. Jha	IITR	Jan 22, 2024	Mar 15, 2024	Mar 23, 2024	https://onlinecourses.nptel.ac.in/noc24_me16/preview
18	noc24-me37	Mechanical Engineering	Heat Transfer and Combustion in Multiphase Systems	8 Weeks	2	Prof. Saptarshi Basu	IISc	Jan 22, 2024	Mar 15, 2024	Mar 24, 2024	https://onlinecourses.nptel.ac.in/noc24_me37/preview
19	noc24-me39	Mechanical Engineering	Introduction to Abrasive Machining and Finishing Processes	8 Weeks	2	Prof. Mamilla Ravi Sankar	IIT Tirupati	Jan 22, 2024	Mar 15, 2024	Mar 24, 2024	https://onlinecourses.nptel.ac.in/noc24_me39/preview
20	noc24-me51	Mechanical Engineering	Mechanics of Sheet Metal Forming	8 Weeks	2	Prof. R Ganesh Narayanan	IITG	Feb 19, 2024	Apr 12, 2024	Apr 20, 2024	https://onlinecourses.nptel.ac.in/noc24_me51/preview
21	noc24-me68	Mechanical Engineering	Cryogenic Hydrogen Technology	8 Weeks	2	Prof. Indranil Ghosh	IITKGP	Feb 19, 2024	Apr 12, 2024	Apr 20, 2024	https://onlinecourses.nptel.ac.in/noc24_me68/preview