



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. 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	noc25-me98	Mechanical Engineering	Engineering Economic Analysis	8 Weeks	2	Prof. Pradeep K. Jha	IIT Roorkee	August 18, 2025	October 10, 2025	November 2, 2025	https://onlinecourses.nptel.ac.in/noc25_me98/preview
2	noc25-me101	Mechanical & Industrial Engineering	Material Processing (Metallurgical Aspects): Fundamental, and Practical	12 Weeks	3	Prof. Dheerendra Kumar Dwivedi	IIT Roorkee	July 21, 2025	October 10, 2025	November 1, 2025	https://onlinecourses.nptel.ac.in/noc25_me101/preview
3	noc25-me103	Mechanical Engineering	Computational Fluid Dynamics	12 Weeks	3	Prof. Kameswararao Anupindi	IIT Madras	July 21, 2025	October 10, 2025	October 25, 2025	https://onlinecourses.nptel.ac.in/noc25_me103/preview



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

			using Finite Volume Method							2025	
4	noc25-me104	Mechanical Engineering	Basics of Materials Engineering	12 Weeks	3	Prof. Ratna Kumar Annabattula	IIT Madras	July 21, 2025	October 10, 2025	October 25, 2025	https://onlinecourses.nptel.ac.in/noc25_me104/preview
5	noc25-me105	Mechanical Engineering	Mechanics and Control of Robotic Manipulators	8 Weeks	2	Prof. Santhakumar Mohan	IIT Palakkad	July 21, 2025	September 12, 2025	September 20, 2025	https://onlinecourses.nptel.ac.in/noc25_me105/preview
6	noc25-me108	Mechanical Engineering	Engineering Mechanics	12 Weeks	3	Prof. K. Ramesh, Prof. Tarkes Dora Pallicity	IIT Guwahati	July 21, 2025	October 10, 2025	October 25, 2025	https://onlinecourses.nptel.ac.in/noc25_me108/preview
7	noc25-me110	Mechanical Engineering	Explosions and Safety	12 Weeks	3	Prof. K. Ramamurthi, Prof. Prasad Patnaik BSV	IIT Madras	July 21, 2025	October 10, 2025	October 25, 2025	https://onlinecourses.nptel.ac.in/noc25_me110/preview
8	noc25-me122	Mechanical	Work System	12 Weeks	3	Prof. Inderdeep	IIT	July 21,	October 10,	October	https://onlinecourses.nptel.ac.in/noc25_me122/preview



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

		Engineering	Design			Singh	Roorkee	2025	2025	25, 2025	ew
9	noc25-me135	Mechanical Engineering	Optical Methods for Solid and Fluid Mechanics	8 Weeks	2	Prof. Alope Kumar, Prof. Koushik Viswanathan	IISc Bangalore	August 18, 2025	October 10, 2025	November 2, 2025	https://onlinecourses.nptel.ac.in/noc25_me135/preview
10	noc25-me136	Mechanical Engineering	Introduction to Composites	12 Weeks	3	Prof. Nachiketa Tiwari	IIT Kanpur	July 21, 2025	October 10, 2025	November 1, 2025	https://onlinecourses.nptel.ac.in/noc25_me136/preview
11	noc25-me138	Mechanical Engineering	Finite Element Method: Variational Methods to Computer Programming	12 Weeks	3	Prof. Atanu Banerjee, Prof. Arup Nandy	IIT Guwahati	July 21, 2025	October 10, 2025	November 1, 2025	https://onlinecourses.nptel.ac.in/noc25_me138/preview
12	noc25-me149	Mechanical Engineering	Advances in Welding and Joining Technology	8 Weeks	2	Prof. Swarup Bag	IIT Guwahati	August 18, 2025	October 10, 2025	November 2, 2025	https://onlinecourses.nptel.ac.in/noc25_me149/preview



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

			es							2025	
13	noc25-me152	Mechanical Engineering	Laser Based Manufacturing	8 Weeks	2	Prof. Shrikrishna N. Joshi	IIT Guwahati	August 18, 2025	October 10, 2025	November 1, 2025	https://onlinecourses.nptel.ac.in/noc25_me152/preview
14	noc25-ge53	Mechanical Engineering Multidisciplinary	Solar Energy Engineering and Technology	12 Weeks	3	Prof. Pankaj Kalita	IIT Guwahati	July 21, 2025	October 10, 2025	November 1, 2025	https://onlinecourses.nptel.ac.in/noc25_ge53/preview
15	noc25-me154	Mechanical Engineering	Automation in Manufacturing	12 Weeks	3	Prof. Shrikrishna N. Joshi	IIT Guwahati	July 21, 2025	October 10, 2025	October 25, 2025	https://onlinecourses.nptel.ac.in/noc25_me154/preview
16	noc25-me156	Mechanical Engineering	Manufacturing Systems Technology I & II	12 Weeks	3	Prof. Shantanu Bhattacharya	IIT Kanpur	July 21, 2025	October 10, 2025	November 1, 2025	https://onlinecourses.nptel.ac.in/noc25_me156/preview
17	noc25-me157	Mechanical Engineering	Design Practice - II	8 Weeks	2	Prof. Shantanu Bhattacharya	IIT Kanpur	August 18, 2025	October 10, 2025	November 2, 2025	https://onlinecourses.nptel.ac.in/noc25_me157/preview



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

										2025	
18	noc25-me161	Mechanical Engineering	Industrial Robotics: Theories for Implementation	12 Weeks	3	Prof. Arun Dayal Udai	IIT-ISM Dhanbad	July 21, 2025	October 10, 2025	November 2, 2025	https://onlinecourses.nptel.ac.in/noc25_me161/preview
19	noc25-me163	Mechanical Engineering	Biomechanics of Joints and Orthopaedic Implants	8 Weeks	2	Prof. Sanjay Gupta	IIT Kharagpur	August 18, 2025	October 10, 2025	November 2, 2025	https://onlinecourses.nptel.ac.in/noc25_me163/preview
20	noc25-me167	Mechanical Engineering	Energy Conservation and Waste Heat Recovery	12 Weeks	3	Prof. Prasanta Kumar Das, Prof. A Bhattacharya	IIT Kharagpur	July 21, 2025	October 10, 2025	November 2, 2025	https://onlinecourses.nptel.ac.in/noc25_me167/preview
21	noc25-me175	Mechanical Engineering	Experimental Modal Analysis	12 Weeks	3	Prof. Subodh V. Modak	IIT Delhi	July 21, 2025	October 10, 2025	November 2, 2025	https://onlinecourses.nptel.ac.in/noc25_me175/preview



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

22	noc25-me176	Mechanical Engineering	Advanced Dynamics	12 Weeks	3	Prof. Anirvan DasGupta	IIT Kharagpur	July 21, 2025	October 10, 2025	November 2, 2025	https://onlinecourses.nptel.ac.in/noc25_me176/preview
23	noc25-me178	Mechanical Engineering, Chemical Engineering	Sustainable Energy Technology	12 Weeks	3	Prof. Sayak Banerjee	IIT Hyderabad	July 21, 2025	October 10, 2025	October 26, 2025	https://onlinecourses.nptel.ac.in/noc25_me178/preview
24	noc25-me179	Mechanical Engineering, Electronics and Electrical Engineering	Design of Mechatronic Systems	12 Weeks	3	Prof. Prasanna Gandhi	IIT Bombay	July 21, 2025	October 10, 2025	October 26, 2025	https://onlinecourses.nptel.ac.in/noc25_me179/preview