



# 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 July – December 2022

**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	noc22-me72	Mechanical Engineering	Joining Technologies for metals	8 Weeks	2	Prof. D K Dwivedi	IITR	Jul 25, 2022	Sep 16, 2022	Sep 25, 2022	<a href="https://onlinecourses.nptel.ac.in/noc22_me72/preview">https://onlinecourses.nptel.ac.in/noc22_me72/preview</a>
2	noc22-me74	Mechanical Engineering	Rapid Manufacturing	12 Weeks	3	Prof. J. Ramkumar	IITK	Jul 25, 2022	Oct 14, 2022	Oct 29, 2022	<a href="https://onlinecourses.nptel.ac.in/noc22_me74/preview">https://onlinecourses.nptel.ac.in/noc22_me74/preview</a>
3	noc22-me75	Mechanical Engineering	Engineering Metrology	12 Weeks	3	Prof. J. Ramkumar Prof. Amandeep Singh	IITK/NIT Jalandhar	Jul 25, 2022	Oct 14, 2022	Oct 30, 2022	<a href="https://onlinecourses.nptel.ac.in/noc22_me75/preview">https://onlinecourses.nptel.ac.in/noc22_me75/preview</a>
4	noc22-me84	Mechanical Engineering	Engineering Mechanics	12 Weeks	3	Prof. K.Ramesh	IITM	Jul 25, 2022	Oct 14, 2022	Oct 29, 2022	<a href="https://onlinecourses.nptel.ac.in/noc22_me84/preview">https://onlinecourses.nptel.ac.in/noc22_me84/preview</a>
5	noc22-me86	Mechanical Engineering	Basics Of Finite Element Analysis - I	8 Weeks	2	Prof. Nachiketa Tiwari	IITK	Jul 25, 2022	Sep 16, 2022	Sep 25, 2022	<a href="https://onlinecourses.nptel.ac.in/noc22_me86/preview">https://onlinecourses.nptel.ac.in/noc22_me86/preview</a>
6	noc22-me92	Mechanical Engineering	Laser Based Manufacturing	8 Weeks	2	Prof. S. N. Joshi	IITG	Aug 22, 2022	Oct 14, 2022	Oct 30, 2022	<a href="https://onlinecourses.nptel.ac.in/noc22_me92/preview">https://onlinecourses.nptel.ac.in/noc22_me92/preview</a>



# 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 July – December 2022**

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
										2022	<a href="#">view</a>
7	noc22-me96	Mechanical Engineering	Dynamics and Control of Mechanical Systems	12 Weeks	3	Prof. Ashitava Ghosal	IISc	Jul 25, 2022	Oct 14, 2022	Oct 30, 2022	<a href="https://onlinecourses.nptel.ac.in/noc22_me96/preview">https://onlinecourses.nptel.ac.in/noc22_me96/preview</a>
8	noc22-me98	Mechanical Engineering	Elements of Solar Energy Conversion	12 Weeks	3	Prof. Jishnu Bhattacharya	IITK	Jul 25, 2022	Oct 14, 2022	Oct 30, 2022	<a href="https://onlinecourses.nptel.ac.in/noc22_me98/preview">https://onlinecourses.nptel.ac.in/noc22_me98/preview</a>
9	noc22-me101	Mechanical Engineering	Computational Fluid Dynamics and Heat Transfer	12 Weeks	3	Prof. Gautam Biswas	IITK	Jul 25, 2022	Oct 14, 2022	Oct 29, 2022	<a href="https://onlinecourses.nptel.ac.in/noc22_me101/preview">https://onlinecourses.nptel.ac.in/noc22_me101/preview</a>
10	noc22-me102	Mechanical Engineering	Advanced Fluid Mechanics	12 Weeks	3	Prof. Suman Chakraborty	IITKGP	Jul 25, 2022	Oct 14, 2022	Oct 30, 2022	<a href="https://onlinecourses.nptel.ac.in/noc22_me102/preview">https://onlinecourses.nptel.ac.in/noc22_me102/preview</a>
11	noc22-me108	Mechanical Engineering	Mechanism And Robot Kinematics	8 Weeks	2	Prof. Anirvan Dasgupta	IITKGP	Aug 22, 2022	Oct 14, 2022	Oct 30, 2022	<a href="https://onlinecourses.nptel.ac.in/noc22_me108/preview">https://onlinecourses.nptel.ac.in/noc22_me108/preview</a>
12	noc22-me111	Mechanical Engineering	Fundamentals of Conduction and Radiation	12 Weeks	3	Prof. Amaresh Dalal Prof. Dipankar N.Basu	IITG	Jul 25, 2022	Oct 14, 2022	Oct 29, 2022	<a href="https://onlinecourses.nptel.ac.in/noc22_me111/preview">https://onlinecourses.nptel.ac.in/noc22_me111/preview</a>



# 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 July – December 2022**

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
13	noc22-me113	Mechanical Engineering	Applied Thermodynamics For Engineers	12 Weeks	3	Prof. Dipankar N. Basu	IITG	Jul 25, 2022	Oct 14, 2022	Oct 29, 2022	<a href="https://onlinecourses.nptel.ac.in/noc22_me113/preview">https://onlinecourses.nptel.ac.in/noc22_me113/preview</a>
14	noc22-me114	Mechanical Engineering	Principle of Hydraulic Machines and System Design	12 Weeks	3	Prof. Pranab K. Mondal	IITG	Jul 25, 2022	Oct 14, 2022	Oct 30, 2022	<a href="https://onlinecourses.nptel.ac.in/noc22_me114/preview">https://onlinecourses.nptel.ac.in/noc22_me114/preview</a>
15	noc22-me117	Mechanical Engineering	Mathematical Modeling of Manufacturing Processes	12 Weeks	3	Prof. Swarup Bag	IITG	Jul 25, 2022	Oct 14, 2022	Oct 29, 2022	<a href="https://onlinecourses.nptel.ac.in/noc22_me117/preview">https://onlinecourses.nptel.ac.in/noc22_me117/preview</a>
16	noc22-me118	Mechanical Engineering	Steam Power Engineering	8 weeks	2	Prof. Vinayak N. Kulkarni	IITG	Jul 25, 2022	Sep 16, 2022	Sep 25, 2022	<a href="https://onlinecourses.nptel.ac.in/noc22_me118/preview">https://onlinecourses.nptel.ac.in/noc22_me118/preview</a>
17	noc22-me122	Mechanical Engineering	Fundamentals of Additive Manufacturing Technologies	12 Weeks	3	Prof. Sajan Kapil	IITG	Jul 25, 2022	Oct 14, 2022	Oct 30, 2022	<a href="https://onlinecourses.nptel.ac.in/noc22_me122/preview">https://onlinecourses.nptel.ac.in/noc22_me122/preview</a>
18	noc22-me125	Mechanical Engineering	Aircraft Propulsion	12 Weeks	3	Prof. Vinayak N. Kulkarni	IITG	Jul 25, 2022	Oct 14, 2022	Oct 30, 2022	<a href="https://onlinecourses.nptel.ac.in/noc22_me125/preview">https://onlinecourses.nptel.ac.in/noc22_me125/preview</a>
19	noc22-me128	Mechanical Engineering	Design of Mechatronic Systems	12 Weeks	3	Prof. Prasanna Gandhi	IITB	Jul 25, 2022	Oct 14, 2022	Oct 29, 2022	<a href="https://onlinecourses.nptel.ac.in/noc22_me128/preview">https://onlinecourses.nptel.ac.in/noc22_me128/preview</a>



**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 July – December 2022**

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
20	noc22-me131	Mechanical Engineering	Selection Of Nanomaterials For Energy Harvesting And Storage Application	4 weeks	1	Prof. Kaushik Pal	IITR	Jul 25, 2022	Aug 19, 2022	Sep 25, 2022	<a href="https://onlinecourses.nptel.ac.in/noc22_me131/preview">https://onlinecourses.nptel.ac.in/noc22_me131/preview</a>
21	noc22-me133	Mechanical Engineering	Work System Design	12 Weeks	3	Prof. Inderdeep Singh	IITR	Jul 25, 2022	Oct 14, 2022	Oct 30, 2022	<a href="https://onlinecourses.nptel.ac.in/noc22_me133/preview">https://onlinecourses.nptel.ac.in/noc22_me133/preview</a>
22	noc22-me134	Mechanical Engineering	Product Design and Development	4 weeks	1	Prof. Inderdeep Singh	IITR	Jul 25, 2022	Aug 19, 2022	Sep 25, 2022	<a href="https://onlinecourses.nptel.ac.in/noc22_me134/preview">https://onlinecourses.nptel.ac.in/noc22_me134/preview</a>