



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 2026

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	noc26-me107	Mechanical Engineering (Manufacturing Engineering)	Fundamentals of Casting and Solidification	12 Weeks	4	Prof. Virkeshwar Kumar	IIT Kanpur	Jul 20, 2026	Oct 9, 2026	Oct 24, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me107
2	noc26-me108	Mechanical Engineering	Geophysical Fluid Dynamics	12 Weeks	4	Prof. Ritabrata Thakur	IIT Delhi	Jul 20, 2026	Oct 9, 2026	Oct 25, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me108
3	noc26-me113	Mechanical Engineering	Product Design Using Value	4 Weeks	2	Prof. Inderdeep Singh	IIT Roorkee	Jul 20, 2026	Aug 14, 2026	Sep 19, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me113



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			Engineerin g								
4	noc26-me114	Mechanical Engineering	Selection of Nanomateri als for Energy Harvesting And Storage Application	4 Weeks	2	Prof. Kaushik Pal	IIT Roorkee	Jul 20, 2026	Aug 14, 2026	Sep 19, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me114
5	noc26-me115	Mechanical Engineering	Structural Analysis of Nanomateri als	4 Weeks	2	Prof. Kaushik Pal	IIT Roorkee	Jul 20, 2026	Aug 14, 2026	Sep 20, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me115
6	noc26-me119	Mechanical Engineering	Foundation of Computatio nal Fluid Dynamics	8 Weeks	3	Prof. Vengadesan	IIT Madras	Jul 20, 2026	Sep 11, 2026	Sep 20, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me119
7	noc26-me120	Mechanical Engineering	Mechanics and Control of Robotic Manipulator	8 Weeks	3	Prof. Santhakumar Mohan	IIT Palakkad	Jul 20, 2026	Sep 11, 2026	Sep 20, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_m



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			s								e120
8	noc26-me122	Mechanical Engineering	Principles of Metal Forming Technology	8 Weeks	3	Prof. P. K. Jha	IIT Roorkee	Jul 20, 2026	Sep 11, 2026	Sep 20, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me122
9	noc26-me128	Mechanical Engineering	Welding Application Technology	8 Weeks	3	Prof. Pankaj Biswas	IIT Guwahati	Jul 20, 2026	Sep 11, 2026	Sep 20, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me128
10	noc26-me129	Mechanical Engineering	Steam Power Engineering	8 Weeks	3	Prof. Vinayak N. Kulkarni	IIT Guwahati	Jul 20, 2026	Sep 11, 2026	Sep 20, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me129
11	noc26-me130	Mechanical Engineering	Compliant Mechanisms: Principles and Design	12 Weeks	4	Prof. G. K. Ananthasuresh	IISc Bangalore	Jul 20, 2026	Oct 9, 2026	Oct 18, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me130
12	noc26-me131	Mechanical Engineering	Convective Heat Transfer	12 Weeks	4	Prof. Saptarshi Basu	IISc Bangalore	Jul 20, 2026	Oct 9, 2026	Oct 23, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me131



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											e131
13	noc26-me133	Mechanical Engineering, Electronics and Electrical Engineering	Design of Mechatronic Systems	12 Weeks	4	Prof. Prasanna Gandhi	IIT Bombay	Jul 20, 2026	Oct 9, 2026	Oct 25, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me133
14	noc26-me134	Mechanical Engineering	Solid Mechanics	12 Weeks	4	Prof. Ajeet Kumar	IIT Delhi	Jul 20, 2026	Oct 9, 2026	Oct 16, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me134
15	noc26-me136	Mechanical Engineering	Computational Fluid Dynamics using Finite Volume Method	12 Weeks	4	Prof. Kameswararao Anupindi	IIT Madras	Jul 20, 2026	Oct 9, 2026	Oct 18, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me136
16	noc26-me139	Mechanical Engineering	Microrobotics	12 Weeks	4	Prof. I. A. Palani	IIT Indore	Jul 20, 2026	Oct 9, 2026	Oct 25, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me139
17	noc26-me140	Mechanical Engineering	Engineering Fracture	12 Weeks	4	Prof. K. Ramesh, Prof. Tarkes Dora	IIT Madras	Jul 20, 2026	Oct 9, 2026	Oct 16, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me140



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		Engineering	Mechanics			Pallicity	IIT Guwahat i	2026	2026	2026	learning/preview/noc26_me140
18	noc26-me145	Mechanical Engineering	Explosions and Safety	12 Weeks	4	Prof. K. Ramamurthi, Prof. Prasad Patnaik BSV	IIT Madras	Jul 20, 2026	Oct 9, 2026	Oct 23, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me145
19	noc26-me146	Mechanical Engineering	Mechanics of Human Movement	12 Weeks	4	Prof. Sujatha Srinivasan	IIT Madras	Jul 20, 2026	Oct 9, 2026	Oct 24, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me146
20	noc26-me149	Mechanical Engineering	Work System Design	12 Weeks	4	Prof. Inderdeep Singh	IIT Roorkee	Jul 20, 2026	Oct 9, 2026	Oct 18, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me149
21	noc26-me150	Mechanical Engineering	Material Processing (Metallurgical Aspects): Fundamental, and Practical	12 Weeks	4	Prof. Dheerendra Kumar Dwivedi	IIT Roorkee	Jul 20, 2026	Oct 9, 2026	Oct 23, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me150



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22	noc26-me154	Mechanical Engineering	Rapid Manufacturing	12 Weeks	4	Prof. Janakranjan Ramkumar, Prof. Amandeep Singh Oberoi	IIT Kanpur	Jul 20, 2026	Oct 9, 2026	Oct 17, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me154
23	noc26-me156	Mechanical Engineering	Introduction to Composites	12 Weeks	4	Prof. Nachiketa Tiwari	IIT Kanpur	Jul 20, 2026	Oct 9, 2026	Oct 23, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me156
24	noc26-me157	Mechanical Engineering	Production Technology : Theory and Practice	12 Weeks	4	Prof. Sounak Kumar Choudhury	IIT Kanpur	Jul 20, 2026	Oct 9, 2026	Oct 24, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me157
26	noc26-me158	Mechanical Engineering	Metal Additive Manufacturing	12 Weeks	4	Prof. Janakranjan Ramkumar, Prof. Amandeep Singh Oberoi	IIT Kanpur	Jul 20, 2026	Oct 9, 2026	Oct 25, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me158
27	noc26-me159	Mechanical Engineering	Computational Fluid Dynamics and Heat Transfer	12 Weeks	4	Prof. Gautam Biswas	IIT Kanpur	Jul 20, 2026	Oct 9, 2026	Oct 16, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me159



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28	noc26-me167	Mechanical Engineering	Industrial Robotics: Theories for Implementation	12 Weeks	4	Prof. Arun Dayal Udai	IIT-ISM Dhanbad	Jul 20, 2026	Oct 9, 2026	Oct 18, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me167
29	noc26-me168	Mechanical Engineering	Microfluidics and Nanofluidics	12 Weeks	4	Prof. Suman Chakraborty	IIT Kharagpur	Jul 20, 2026	Oct 9, 2026	Oct 23, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me168
30	noc26-me169	Mechanical Engineering	Computational Fluid Dynamics	12 Weeks	4	Prof. Suman Chakraborty	IIT Kharagpur	Jul 20, 2026	Oct 9, 2026	Oct 24, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me169
31	noc26-me170	Mechanical Engineering	Advanced Fluid Mechanics - IITKGP	12 Weeks	4	Prof. Suman Chakraborty	IIT Kharagpur	Jul 20, 2026	Oct 9, 2026	Oct 25, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me170
32	noc26-me172	Mechanical Engineering	Heat Exchangers : Fundamentals and	12 Weeks	4	Prof. Prasanta Kumar Das, Prof. Indranil Ghosh	IIT Kharagpur	Jul 20, 2026	Oct 9, 2026	Oct 17, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me172



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			Design Analysis								
33	noc26-me173	Mechanical Engineering	Advanced Dynamics	12 Weeks	4	Prof. Anirvan DasGupta	IIT Kharagpur	Jul 20, 2026	Oct 9, 2026	Oct 18, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me173
34	noc26-me176	Mechanical Engineering	Experimental Modal Analysis	12 Weeks	4	Prof. Subodh V. Modak	IIT Delhi	Jul 20, 2026	Oct 9, 2026	Oct 16, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me176
35	noc26-me177	Mechanical Engineering, Material Science, Aerospace Engineering, Automotive Engineering, Civil Engineering.	Design of Precision Machines	12 Weeks	4	Prof. Jitendra P. Khatait	IIT Delhi	Jul 20, 2026	Oct 9, 2026	Oct 17, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me177
36	noc26-me178	Mechanical Engineering	Fundamentals of Convective	12 Weeks	4	Prof. Amaresh Dalal	IIT Guwahati	Jul 20, 2026	Oct 9, 2026	Oct 18, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me178



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			Heat Transfer				i			2026	e178
37	noc26-me179	Mechanical Engineering	Fundamentals of Conduction And Radiation	12 Weeks	4	Prof. Amaresh Dalal, Prof. Dipankar N Basu	IIT Guwahati	Jul 20, 2026	Oct 9, 2026	Oct 23, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me179
38	noc26-me180	Mechanical Engineering	Finite Element Method: Variational Methods to Computer Programming	12 Weeks	4	Prof. Atanu Banerjee, Prof. Arup Nandy	IIT Guwahati	Jul 20, 2026	Oct 9, 2026	Oct 24, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me180
39	noc26-me184	Mechanical Engineering	Experimental Methods in Fluid Mechanics	12 Weeks	4	Prof. Pranab K. Mondal	IIT Guwahati	Jul 20, 2026	Oct 9, 2026	Oct 18, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me184
40	noc26-me185	Mechanical Engineering	Principle of Hydraulic Machines And	12 Weeks	4	Prof. Pranab K. Mondal	IIT Guwahati	Jul 20, 2026	Oct 9, 2026	Oct 23, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me185



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			System Design								e185
41	noc26-me188	Mechanical Engineering	Fundamentals of Additive Manufacturing Technologies	12 Weeks	4	Prof. Sajan Kapil	IIT Guwahati	Jul 20, 2026	Oct 9, 2026	Oct 16, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me188
42	noc26-me189	Mechanical Engineering	Automation In Manufacturing	12 Weeks	4	Prof. Shrikrishna N. Joshi	IIT Guwahati	Jul 20, 2026	Oct 9, 2026	Oct 17, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me189
43	noc26-me190	Mechanical Engineering	Mathematical Modeling of Manufacturing Processes	12 Weeks	4	Prof. Swarup Bag	IIT Guwahati	Jul 20, 2026	Oct 9, 2026	Oct 23, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me190
44	noc26-me192	Mechanical Engineering	Aircraft Propulsion	12 Weeks	4	Prof. Vinayak N. Kulkarni	IIT Guwahati	Jul 20, 2026	Oct 9, 2026	Oct 24, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me192



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											e192
46	noc26-me194	Mechanical Engineering	Thermal Manageme nt of Electronics	8 Weeks	3	Prof. Sarthak Nag, Prof. Parmod Kumar	IIT Mandi	Aug 17, 2026	Oct 9, 2026	Oct 25, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me194
47	noc26-me195	Mechanical Engineering	Optical Methods for Solid and Fluid Mechanics	8 Weeks	3	Prof. Aloke Kumar, Prof. Koushik Viswanathan	IISc Bangalor e	Aug 17, 2026	Oct 9, 2026	Oct 16, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me195
48	noc26-me196	Mechanical Engineering	Engineerin g Economic Analysis	8 Weeks	3	Prof. Pradeep Kumar Jha	IIT Roorkee	Aug 17, 2026	Oct 9, 2026	Oct 17, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me196
49	noc26-me198	Mechanical Engineering	Design Practice - II	8 Weeks	3	Prof. Shantanu Bhattacharya	IIT Kanpur	Aug 17, 2026	Oct 9, 2026	Oct 23, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me198
50	noc26-me199	Mechanical Engineering	Biomechani cs of Joints and Orthopaedi	8 Weeks	3	Prof. Sanjay Gupta	IIT Kharagp ur	Aug 17, 2026	Oct 9, 2026	Oct 24, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me199



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			c Implants								e199
51	noc26-me200	Mechanical Engineering	Mechanism and Robot Kinematics	8 Weeks	3	Prof. Anirvan Dasgupta	IIT Kharagpur	Aug 17, 2026	Oct 9, 2026	Oct 18, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me200
52	noc26-me201	Mechanical Engineering	High Performance Computing for Scientists and Engineers	8 Weeks	3	Prof. Somnath Roy	IIT Kharagpur	Aug 17, 2026	Oct 9, 2026	Oct 16, 2026	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_me201
53											
54											
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