



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. COMPUTER SCIENCE & ENGINEERING, INFORMATION TECHNOLOGY, COMPUTER SCIENCE & ENGINEERING-CYBER SECURITY, COMPUTER SCIENCE & ENGINEERING-DATA SCIENCE, COMPUTER SCIENCE & ENGINEERING-INTERNET OF THINGS AND CYBER SECURITY INCLUDING BLOCK CHAIN TECHNOLOGY, COMPUTER SCIENCE & ENGINEERING-IOT, CYBER SECURITY, DATA SCIENCE, 3D ANIMATION & GRAPHICS, ARTIFICIAL INTELLIGENCE, ARTIFICIAL INTELLIGENCE AND DATA SCIENCE, ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING, COMPUTER SCIENCE & BUSINESS SYSTEM, COMPUTER SCIENCE & ENGINEERING -ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING, INTERNET OF THINGS (IOT)

S.No.	Course id	Discipline	Course Name	Duration	RGP VCredit	SME Name	Institute	Course Start Date	Course End Date	Exam date	Click here to Join the Course
1	noc25-cs80	Computer Science and Engineering	Mobile Virtual Reality and Artificial Intelligence	4 Weeks	1	Prof. Varun Dutt	IIT Mandi	August 18, 2025	September 12, 2025	October 26, 2025	https://onlinenocourses.nptel.ac.in/noc25_cs80/preview
2	noc25-cs82	Computer Science and Engineering	Software Conceptual Design	4 Weeks	1	Prof. Sridhar Iyer, Prof. Prajish Prasad, Prof. T. G.	IIT Bombay	August 18, 2025	September 12, 2025	November 1, 2025	https://onlinenocourses.nptel.ac.in/noc25_cs82/preview



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						Lakshmi					w
3	noc25-cs85	Computer Science and Engineering	Introduction to Algebraic Graph Theory	8 Weeks	2	Prof. Ranveer Singh	IIT Indore	August 18, 2025	October 10, 2025	November 2, 2025	https://onlinenecourses.nptel.ac.in/noc25_cs85/preview
4	noc25-cs87	Computer Science and Electrical Engineering	Foundations of Virtual Reality	12 Weeks	3	Prof. M.Manivannan, Prof. Anna LaValle, Prof. Steven LaValle	IIT Madras University of Oulu	July 21, 2025	October 10, 2025	November 2, 2025	https://onlinenecourses.nptel.ac.in/noc25_cs87/preview
5	noc25-cs88	Computer Science and Engineering	Artificial Intelligence: Search Methods for	12 Weeks	3	Prof. Deepak Khemani	IIT Madras	July 21, 2025	October 10, 2025	October 26, 2025	https://onlinenecourses.nptel.ac.in/noc25_c



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			Problem Solving								s88/preview
6	noc25-cs92	Computer Science and Engineering	Reinforcement Learning	12 Weeks	3	Prof. Balaraman Ravindran	IIT Madras	July 21, 2025	October 10, 2025	October 25, 2025	https://onlinecourses.nptel.ac.in/noc25_cs92/preview
7	noc25-cs93	Computer Science and Engineering	Deep Learning for Computer Vision	12 Weeks	3	Prof. Vineeth N Balasubramanian	IIT Hyderabad	July 21, 2025	October 10, 2025	October 25, 2025	https://onlinecourses.nptel.ac.in/noc25_cs93/preview
8	noc25-cs95	Computer Science and Engineering Physics	Introduction to Quantum Computing: Quantum Algorithms and	4 Weeks	1	Prof. Prabha Mandayam, Prof. Anupama Ray, Prof.	IBM and IIT Madras	July 21, 2025	August 15, 2025	September 20, 2025	https://onlinecourses.nptel.ac.in/noc25_cs95/preview



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			Qiskit			Sheshashayee Raghunathan					w
9	noc25-cs96	Computer Science and Engineering	Parameterized Algorithms	12 Weeks	3	Prof. Neeldhara Misra, Prof. Saket Saurabh	IIT Gandhinagar IMS c - The Institute of Mathematics Sciences	July 21, 2025	October 10, 2025	October 25, 2025	https://onlinecourses.nptel.ac.in/noc25_cs96/preview



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10	noc25-cs97	Computer Science and Engineering	Getting Started with Competitive Programming	12 Weeks	3	Prof. Neeldhara Misra	IIT Gandhinagar	July 21, 2025	October 10, 2025	October 26, 2025	https://onlinenptel.ac.in/noc25_cs97/preview
11	noc25-cs100	Computer Science and Engineering	Social Network Analysis	12 Weeks	3	Prof. Tanmoy Chakraborty	IIT Delhi	July 21, 2025	October 10, 2025	October 26, 2025	https://onlinenptel.ac.in/noc25_cs100/preview
12	noc25-cs101	Computer Science and Engineering	Data Science for Engineers	8 Weeks	2	Prof. Ragunathan Rengasamy, Prof. Shankar Narasimhan	IIT Madras	July 21, 2025	September 12, 2025	September 21, 2025	https://onlinenptel.ac.in/noc25_cs101/preview



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13	noc25-cs102	Computer Science and Engineering	Social Networks	12 Weeks	3	Prof. Sudarshan Iyengar	IIT Ropar	July 21, 2025	October 10, 2025	November 1, 2025	https://onlinenecourses.nptel.ac.in/noc25_cs102/preview
14	noc25-cs104	Computer Science and Engineering	Python for Data Science	4 Weeks	1	Prof. Ragunathan Rengasamy	IIT Madras	July 21, 2025	August 15, 2025	September 20, 2025	https://onlinenecourses.nptel.ac.in/noc25_cs104/preview
15	noc25-cs106	Computer Science and Engineering	Deep Learning - IIT Ropar	12 Weeks	3	Prof. Sudarshan Iyengar	IIT Ropar	July 21, 2025	October 10, 2025	October 25, 2025	https://onlinenecourses.nptel.ac.in/noc25_cs106/preview



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16	noc25-cs112	Computer Science and Engineering	Human Computer Interaction (In Hindi)	12 Weeks	3	Prof. Rajiv Ratn Shah	IIIT Delhi	July 21, 2025	October 10, 2025	October 26, 2025	https://onlinenptel.ac.in/noc25_cs112/preview
17	noc25-cs117	Computer Science and Engineering	Privacy and Security in Online Social Media	12 Weeks	3	Prof. Ponnurangam Kumaraguru	IIIT Hyderabad	July 21, 2025	October 10, 2025	October 26, 2025	https://onlinenptel.ac.in/noc25_cs117/preview
18	noc25-cs118	Computer Science and Engineering	Responsible & Safe AI Systems	12 Weeks	3	Prof. Ponnurangam Kumaraguru, Prof. Balaraman Ravindran, Prof. Arun Rajkumar	IIIT Hyderabad and IIT Madras	July 21, 2025	October 10, 2025	October 26, 2025	https://onlinenptel.ac.in/noc25_cs118/preview



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19	noc25-cs120	Computer Science and Engineering	Practical Cyber Security for Cyber Security Practitioners	12 Weeks	3	Prof. Sandeep K. Shukla	IIT Kan pur	July 21, 2025	October 10, 2025	October 26, 2025	https://onlinenecourses.nptel.ac.in/noc25_cs120/preview
20	noc25-cs122	Computer Science and Engineering Mathematics	Randomized Methods in Complexity	12 Weeks	3	Prof. Nitin Saxena	IIT Kan pur	July 21, 2025	October 10, 2025	October 25, 2025	https://onlinenecourses.nptel.ac.in/noc25_cs122/preview
21	noc25-cs123	Computer Science and Engineering	Computational Arithmetic - Geometry for Algebraic Curves	12 Weeks	3	Prof. Nitin Saxena	IIT Kan pur	July 21, 2025	October 10, 2025	October 26, 2025	https://onlinenecourses.nptel.ac.in/noc25_cs123/preview



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22	noc25-cs125	Computer Science and Engineering	Demystifying Networking	4 Weeks	1	Prof. Sridhar Iyer, Prof. Ashutosh Raina	IIT Bombay	July 21, 2025	August 15, 2025	September 21, 2025	https://onlinenptel.ac.in/noc25_cs125/preview
23	noc25-cs126	Computer Science and Engineering	Introduction to Computer and Network Performance Analysis using Queuing Systems	4 Weeks	1	Prof. Varsha Apte	IIT Bombay	August 18, 2025	September 12, 2025	November 1, 2025	https://onlinenptel.ac.in/noc25_cs126/preview
24	noc25-cs132	Computer Science and Engineering	C-Based VLSI Design	12 Weeks	3	Prof. Chandan Karfa	IIT Guwahati	July 21, 2025	October 10, 2025	November 1, 2025	https://onlinenptel.ac.in/noc25_cs132/preview



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25	noc25-cs134	Computer Science and Engineering	Multi-Core Computer Architecture	12 Weeks	3	Prof. John Jose	IIT Guwahati	July 21, 2025	October 10, 2025	November 2, 2025	https://onlinenecourses.nptel.ac.in/noc25_cs134/preview
26	noc25-cs135	Computer Science and Engineering	Design & Implementation of Human-Computer Interfaces	12 Weeks	3	Prof. Samit Bhattacharya	IIT Guwahati	July 21, 2025	October 10, 2025	November 2, 2025	https://onlinenecourses.nptel.ac.in/noc25_cs135/preview
27	noc25-cs136	Computer Science and Engineering	Mathematical Foundations for Machine Learning	12 Weeks	3	Prof. Ashok Rao, Prof. Arulalan Rajan	IISc Bangalore	July 21, 2025	October 10, 2025	November 1, 2025	https://onlinenecourses.nptel.ac.in/noc25_cs136/preview



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28	noc25-cs137	Computer Science and Engineering	Programming with Generative AI	8 Weeks	2	Prof. Viraj Kumar	IISc Bangalore	August 18, 2025	October 10, 2025	November 1, 2025	https://onlinenptel.ac.in/noc25_cs137/preview
29	noc25-cs139	Computer Science and Engineering	Statistical Learning for Reliability Analysis	12 Weeks	3	Prof. Monalisa Sarma	IIT Kharagpur	July 21, 2025	October 10, 2025	November 1, 2025	https://onlinenptel.ac.in/noc25_cs139/preview
30	noc25-cs142	Computer Science and Engineering	Ethical Hacking	12 Weeks	3	Prof. Indranil Sengupta	IIT Kharagpur	July 21, 2025	October 10, 2025	November 1, 2025	https://onlinenptel.ac.in/noc25_cs142/preview



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31	noc25-cs146	Computer Science and Engineering	Introduction to Industry 4.0 and Industrial Internet of Things	12 Weeks	3	Prof. Sudip Misra	IIT Kharagpur	July 21, 2025	October 10, 2025	November 1, 2025	https://onlinecourses.nptel.ac.in/noc25_cs146/preview
32	noc25-cs153	Computer Science and Engineering	Approximation Algorithm	12 Weeks	3	Prof. Palash Dey	IIT Kharagpur	July 21, 2025	October 10, 2025	November 2, 2025	https://onlinecourses.nptel.ac.in/noc25_cs153/preview
33	noc25-cs155	Computer Science and Engineering	Hardware Modeling using Verilog	8 Weeks	2	Prof. Indranil Sengupta	IIT Kharagpur	July 21, 2025	September 12, 2025	September 21, 2025	https://onlinecourses.nptel.ac.in/noc25_cs155/preview



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34	noc25-cs156	Computer Science and Engineering	Real-Time Systems	12 Weeks	3	Prof. Rajib Mall, Prof. Durga Prasad Mohapatra	IIT Kharagpur	July 21, 2025	October 10, 2025	November 2, 2025	https://onlinenecourses.nptel.ac.in/noc25_cs156/preview
35	noc25-cs157	computer Science and Engineering	Machine Learning for Earth System Sciences	8 Weeks	2	Prof. Adway Mitra	IIT Kharagpur	July 21, 2025	September 12, 2025	September 21, 2025	https://onlinenecourses.nptel.ac.in/noc25_cs157/preview
36	noc25-cs161	Computer Science and Engineering Electrical, Electronics and Communications	Introduction to Large Language Models (LLMs)	12 Weeks	3	Prof. Tanmoy Chakraborty, Prof. Soumen Chakraborti	IIT Delhi	July 21, 2025	October 10, 2025	November 2, 2025	https://onlinenecourses.nptel.ac.in/noc25_cs161/preview



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		Engineering Information Technology									
37	noc25-cs162	Computer Science and Engineering/ Electronics and Communication Engineering	Machine Learning (ML) in Hindi	12 Weeks	3	Prof. Anubha Gupta	IIIT Delhi	July 21, 2025	October 10, 2025	October 26, 2025	https://onlinecourses.nptel.ac.in/noc25_cs162/preview