



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. 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	noc26-cs94	Computer Science	Intermediary Algorithm	12 Weeks	3	Prof. C Pandu Rangan	IISc Bangalore	Jul 20, 2026	Oct 9, 2026	Oct 17, 2026	https://nptel.ac.in/courses/106103002
2	noc26-cs95	Computer Science	Fundamentals of Generative AI and Large Language Models: Theory and Practice	12 Weeks	3	Prof. Sriram Ganapathy, Prof. Ashwini Kodipalli, Prof. Baishali Garai	IISc Bangalore PES University	Jul 20, 2026	Oct 9, 2026	Oct 18, 2026	https://nptel.ac.in/courses/106107002



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							y RV University				
3	noc26-cs140	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	Jul 20, 2026	Oct 9, 2026	Oct 23, 2026	https://nptel.ac.in/courses/106108001
4	noc26-cs120	Computer Science and Engineering	Hardware Modeling using Verilog	8 Weeks	3	Prof. Indranil Sengupta	IIT Kharagpur	Jul 20, 2026	Sep 11, 2026	Sep 19, 2026	https://nptel.ac.in/courses/104101115
5	noc26-cs139	Computer Science and	Human Computer	12 Weeks	3	Prof. Rajiv Ratn Shah	IIIT Delhi	Jul 20, 2026	Oct 9, 2026	Oct 18, 2026	https://nptel.ac.in/courses/104



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		Engineering	Interaction (In Hindi)								106075
6	noc26-cs162	Computer Science and Engineering	Data Structure and Algorithms using Java	12 Weeks	3	Prof. Debasis Samanta	IIT Kharagpur	Jul 20, 2026	Oct 9, 2026	Oct 23, 2026	https://nptel.ac.in/courses/104101091
7	noc26-cs173	Computer Science and Engineering	Getting Started With Competitive Programming	12 Weeks	3	Prof. Neeldhara Misra	IIT Gandhinagar	Jul 20, 2026	Oct 9, 2026	Oct 17, 2026	https://nptel.ac.in/courses/104101134
8	noc26-cs188	Computer Science and Engineering	Programming with Generative AI	8 Weeks	2	Prof. Viraj Kumar	IISc Bangalore	Aug 17, 2026	Oct 9, 2026	Oct 16, 2026	https://nptel.ac.in/courses/104101124
9	noc26-cs100	Computer Science and Engineering	Privacy Enabling Techniques (PETS)	12 Weeks	3	Prof. Debdeep Mukhopadhyay	IIT Kharagpur	Jul 20, 2026	Oct 9, 2026	Oct 16, 2026	https://nptel.ac.in/courses/104101124



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							r				101135
10	noc26-cs103	Computer Science and Engineering	Foundations of Immersive Design for AR/VR	12 Weeks	3	Prof. Amar Kumar Behera	IIT Kanpur	Jul 20, 2026	Oct 9, 2026	Oct 23, 2026	https://nptel.ac.in/courses/104102113
11	noc26-cs104	Computer Science and Engineering	Generative AI for Computer Vision	12 Weeks	3	Prof. Arijit Sur	IIT Guwahati	Jul 20, 2026	Oct 9, 2026	Oct 24, 2026	https://nptel.ac.in/courses/104106683
12	noc26-cs108	Computer Science and Engineering	Introduction to Graph Algorithms	8 Weeks	2	Prof. C Pandu Rangan	IISc Bangalore	Jul 20, 2026	Sep 11, 2026	Sep 20, 2026	https://nptel.ac.in/courses/104106093
13	noc26-cs121	computer Science and Engineering	Machine Learning for Earth System	8 Weeks	2	Prof. Adway Mitra	IIT Kharagpur	Jul 20, 2026	Sep 11, 2026	Sep 19, 2026	https://nptel.ac.in/courses/104103111



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			Sciences				r				
14	noc26-cs127	Computer Science and Engineering	Linear Algebra Through Geometry	12 Weeks	3	Prof. Ashok Rao, Prof. M Krishna Kumar, Prof. Arulalan M R	IISc Bangalore NITK Suratkal	Jul 20, 2026	Oct 9, 2026	Oct 18, 2026	https://nptel.ac.in/courses/104101682
15	noc26-cs131	Computer Science and Engineering	Software Testing	12 Weeks	3	Prof. Meenakshi D'souza	IIIT Bangalore	Jul 20, 2026	Oct 9, 2026	Oct 16, 2026	https://nptel.ac.in/courses/107101087
16	noc26-cs134	Computer Science and Engineering	Reinforcement Learning	12 Weeks	3	Prof. Balaraman Ravindran	IIT Madras	Jul 20, 2026	Oct 9, 2026	Oct 23, 2026	https://nptel.ac.in/courses/107103085



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17	noc26-cs138	Computer Science and Engineering	Deep Learning - IIT Ropar	12 Weeks	3	Prof. Sudarshan Iyengar	IIT Ropar	Jul 20, 2026	Oct 9, 2026	Oct 17, 2026	https://nptel.ac.in/courses/107101091
18	noc26-cs141	Computer Science and Engineering	Privacy and Security in Online Social Media	12 Weeks	3	Prof. Ponnurangam Kumaraguru	IIIT Hyderabad	Jul 20, 2026	Oct 9, 2026	Oct 24, 2026	https://nptel.ac.in/courses/107101706
19	noc26-cs145	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	Jul 20, 2026	Oct 9, 2026	Oct 18, 2026	https://nptel.ac.in/courses/107101092
20	noc26-cs148	Computer Science and Engineering	Arithmetic Circuit Complexity	12 Weeks	3	Prof. Nitin Saxena	IIT Kanpur	Jul 20, 2026	Oct 9, 2026	Oct 18, 2026	https://nptel.ac.in/courses/108



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											107128
21	noc26-cs149	Computer Science and Engineering	Computational Number Theory and Algebra	12 Weeks	3	Prof. Nitin Saxena	IIT Kanpur	Jul 20, 2026	Oct 9, 2026	Oct 23, 2026	https://nptel.ac.in/courses/108107167
22	noc26-cs154	Computer Science and Engineering	Statistical Learning for Reliability Analysis	12 Weeks	3	Prof. Monalisa Sarma	IIT Kharagpur	Jul 20, 2026	Oct 9, 2026	Oct 16, 2026	https://nptel.ac.in/courses/117107485
23	noc26-cs157	Computer Science and Engineering	Ethical Hacking	12 Weeks	3	Prof. Indranil Sengupta	IIT Kharagpur	Jul 20, 2026	Oct 9, 2026	Oct 23, 2026	https://nptel.ac.in/courses/108106192



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24	noc26-cs160	Computer Science and Engineering	Introduction to Industry 4.0 and Industrial Internet of Things	12 Weeks	3	Prof. Sudip Misra	IIT Kharagpur	Jul 20, 2026	Oct 9, 2026	Oct 16, 2026	https://nptel.ac.in/courses/117104128
25	noc26-cs165	Computer Science and Engineering	Approximation Algorithm	12 Weeks	3	Prof. Palash Dey	IIT Kharagpur	Jul 20, 2026	Oct 9, 2026	Oct 25, 2026	https://nptel.ac.in/courses/108104192
26	noc26-cs167	Computer Science and Engineering	Real-Time Systems	12 Weeks	3	Prof. Rajib Mall, Prof. Durga Prasad Mohapatra	IIT Kharagpur	Jul 20, 2026	Oct 9, 2026	Oct 17, 2026	https://nptel.ac.in/courses/108105187
27	noc26-cs170	Computer Science and Engineering	Social Network Analysis	12 Weeks	3	Prof. Tanmoy Chakraborty	IIT Delhi	Jul 20, 2026	Oct 9, 2026	Oct 16, 2026	https://nptel.ac.in/courses/108103179



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28	noc26-cs171	Computer Science and Engineering	Introduction to Large Language Models (LLMs)	12 Weeks	3	Prof. Tanmoy Chakraborty, Prof. Soumen Chakraborti	IIT Delhi IIT Bombay	Jul 20, 2026	Oct 9, 2026	Oct 23, 2026	https://nptel.ac.in/courses/108107112
29	noc26-cs172	Computer Science and Engineering	Parameterized Algorithms	12 Weeks	3	Prof. Neeldhara Misra, Prof. Saket Saurabh	IIT Gandhinagar Institute of Mathematical Sciences (IMSc)	Jul 20, 2026	Oct 9, 2026	Oct 17, 2026	https://nptel.ac.in/courses/108107477



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30	noc26-cs174	Computer Science and Engineering	Deep Learning for Computer Vision	12 Weeks	3	Prof. Vineeth N Balasubramanian	IIT Hyderabad	Jul 20, 2026	Oct 9, 2026	Oct 18, 2026	https://nptel.ac.in/courses/108107142
31	noc26-cs175	Computer Science and Engineering	C-Based VLSI Design	12 Weeks	3	Prof. Chandan Karfa	IIT Guwahati	Jul 20, 2026	Oct 9, 2026	Oct 23, 2026	https://nptel.ac.in/courses/108108180
32	noc26-cs176	Computer Science and Engineering	Multi-Core Computer Architecture	12 Weeks	3	Prof. John Jose	IIT Guwahati	Jul 20, 2026	Oct 9, 2026	Oct 18, 2026	https://nptel.ac.in/courses/108108124
33	noc26-cs177	Computer Science and Engineering	Design & Implementation Of Human-Computer Interfaces	12 Weeks	3	Prof. Samit Bhattacharya	IIT Guwahati	Jul 20, 2026	Oct 9, 2026	Oct 23, 2026	https://nptel.ac.in/courses/108108113



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34	noc26-cs180	Computer Science and Engineering	Natural Language Processing	12 Weeks	3	Prof. Pawan Goyal	IIT Kharagpur	Jul 20, 2026	Oct 9, 2026	Oct 17, 2026	https://nptel.ac.in/courses/108108191
35	noc26-cs181	Computer Science and Engineering	Deep Learning for Natural Language Processing	12 Weeks	3	Prof. Pawan Goyal	IIT Kharagpur	Jul 20, 2026	Oct 9, 2026	Oct 18, 2026	https://nptel.ac.in/courses/108108109
36	noc26-cs186	Computer Science and Engineering	Mobile Virtual Reality and Artificial Intelligence	4 Weeks	1	Prof. Varun Dutt	IIT Mandi	Aug 17, 2026	Sep 11, 2026	Oct 23, 2026	https://nptel.ac.in/courses/117108140
37	noc26-cs187	Computer Science and Engineering	Linear programming and its applications to computer science	8 Weeks	2	Prof. Rajat Mittal	IIT Kanpur	Aug 17, 2026	Oct 9, 2026	Oct 25, 2026	https://nptel.ac.in/courses/108101113



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38	noc26-cs90	Computer Science and Engineering	Functional Programming with OCaml	12 Weeks	3	Prof. K C Sivaramakrishnan	IIT Madras	Jul 20, 2026	Oct 9, 2026	Oct 25, 2026	https://nptel.ac.in/courses/108101185
39	noc26-cs92	Computer Science and Engineering	Formal Methods for System Verification	12 Weeks	3	Prof. Chandan Karfa	IIT Guwahati	Jul 20, 2026	Oct 9, 2026	Oct 25, 2026	https://nptel.ac.in/courses/108102372
40	noc26-cs97	Computer Science and Engineering	Mathematical Foundations of Generative AI	12 Weeks	3	Prof. Prathosh A. P	IISc Bangalore	Jul 20, 2026	Oct 9, 2026	Oct 24, 2026	https://nptel.ac.in/courses/108102112
41	noc26-cs98	Computer Science and Engineering Civil Engineering Environmental	AI for Earth Observation	12 Weeks	3	Prof. Sudipan Saha	IIT Delhi	Jul 20, 2026	Oct 9, 2026	Oct 16, 2026	https://nptel.ac.in/courses/108106167



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		Science									