



Department of Computer Applications

List of MOOC Courses for Integrated MCA and MCA Two-Year Programs (2024 Scheme)

Sl no	Course Id	Discipline	Course Name	Institute
1	noc22cs67	Computer Science and Engineering	Artificial Intelligence: Search Methods For Problem solving	IITM
2	noc22cs87	Computer Science and Engineering	Cloud Computing	IITKGP
3	noc22cs126	Computer Science and Engineering	Computational Complexity	IIT Hyderabad
4	noc22cs88	Computer Science and Engineering	Computer Architecture And Organization	IITKGP
5	noc22cs90	Computer Science and Engineering	Cryptography And Network Security	IITKGP
6	noc22cs92	Computer Science and Engineering	Data Structure And Algorithms Using Java	IITKGP
7	noc22cs124	Computer Science and Engineering	Deep Learning - IIT Ropar	IIT Ropar



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8	noc22cs76	Computer Science and Engineering	Deep Learning for Computer Vision	IITH
9	noc22cs125	Computer Science and Engineering	Design & Implementation of Human-Computer Interfaces	IITG
10	noc22cs123	Computer Science and Engineering	Discrete Mathematics	IIT Ropar
11	noc22cs85	Computer Science and Engineering	Discrete Mathematics - IIITB	IIIT Bangalore
12	noc22cs82	Computer Science and Engineering	Getting Started with Competitive Programming	IIT Gandhinagar
13	noc22cs95	Computer Science and Engineering	Introduction To Industry 4.0 And Industrial Internet Of Things	IITKGP
14	noc22cs96	Computer Science and Engineering	Introduction To Internet Of Things	IITKGP
15	noc22cs73	Computer Science and Engineering	Introduction to Machine Learning	IITM
16	noc22cs100	Computer Science and Engineering	Operating System Fundamentals	IITKGP



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17	noc22cs101	Computer Science and Engineering	Problem Solving Through Programming In C	IITKGP
18	noc22cs102	Computer Science and Engineering	Programming In Java	IITKGP
19	noc22cs103	Computer Science and Engineering	Programming In Modern C++	IITKGP
20	noc22cs75	Computer Science and Engineering	Reinforcement Learning	IITM
21	noc22cs117	Computer Science and Engineering	Social Network Analysis	IITD
22	noc22cs121	Computer Science and Engineering	Social Networks	IIT Ropar
23	noc22cs106	Computer Science and Engineering	Software Engineering	IITKGP
24	noc22cs107	Computer Science and Engineering	Software Project Management	IITKGP
25	noc22cs61	Computer Science and Engineering	Software Testing	IITB



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26	noc22cs122	Computer Science and Engineering	The Joy of Computing using Python	IIT Ropar
27	noc22ma69	Mathematics	Foundations of R Software	IITK
28	noc22ma81	Mathematics	Introduction to Probability Theory and Statistics	IITD
29	noc22ge29	Multidisciplinary	Fundamentals Of Artificial Intelligence	IITG
30	noc22cs65	Computer Science and Engineering	Big Data Computing	IIT Patna
31	noc22cs111	Computer Science and Engineering	Computer Graphics	IITG
32	noc22cs91	Computer Science and Engineering	Data Base Management System	IITKGP
33	noc22cs72	Computer Science and Engineering	Data Science for Engineers	IITM
34	noc22cs71	Computer Science and Engineering	Design and analysis of algorithms	CMI



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35	noc22cs69	Computer Science and Engineering	Introduction To Haskell Programming	CMI
36	noc22cs97	Computer Science and Engineering	Introduction To Machine Learning - KGP	IITKGP
37	noc22cs78	Computer Science and Engineering	Introduction to Operating Systems	IITM
38	noc22cs119	Computer Science and Engineering	Machine Learning for Earth System Sciences	IITKGP
39	noc22cs99	Computer Science and Engineering	Object Oriented Analysis And Design	IITKGP
40	noc22cs70	Computer Science and Engineering	Programming, Data Structures And Algorithms Using Python	CMI
41	noc22cs105	Computer Science and Engineering	Scalable Data Science	IITKGP
42	noc22cs63	Computer Science and Engineering	Theory of Computation	IITK
43	noc22mg87	Management	Descriptive Statistics With R Software	IITK



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44	noc22ge23	Multidisciplinary	Introduction to Research	IITM
45	noc23-cs02	Computer Science & Engineering	Introduction to programming in C	IITK
46	noc23-cs15	Computer Science and Engineering	Programming, Data Structures And Algorithms Using Python	CMI
47	noc23-cs41	Computer Science and Engineering	Data Base Management System	IITKGP
48	noc23-cs16	Computer Science and Engineering	Design and analysis of algorithms	CMI
49	noc23-cs11	Computer Science and Engineering	Machine Learning	KTH Royal Institute of Technology
50	noc23-cs17	Computer Science and Engineering	Data Science for Engineers	IITM
51	noc23-cs43	Computer Science and Engineering	Data Mining	IITKGP
52	noc23-cs42	Computer Science and Engineering	Cloud Computing	IITKGP
53	noc23-cs27	Computer Science and Engineering	Cloud Computing and Distributed Systems	IITK
54	noc23-cs65	Computer Science and Engineering	Foundation of Cloud IoT Edge ML	IITP



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55	noc23-cs40	Computer Science and Engineering	Introduction To Soft Computing	IITKGP
56	noc23-cs25	Computer Science and Engineering	User-centric Computing for Human-Computer Interaction	IITG
57	noc23-ge05	Multidisciplinary	Introduction to Research	IITM
58	noc23-cs22	Computer Science and Engineering	Discrete Mathematics	IIT Ropar
59	noc23-ma24	Mathematics	Probability And Statistics	IITKGP
60	noc23-cs30	Computer Science and Engineering	Getting Started with Competitive Programming	IIT Gandhinagar
61	noc23-cs53	Computer Science and Engineering	Problem Solving Through Programming In C	IITKGP
62	noc23-cs50	Computer Science and Engineering	Programming in Modern C++	IITKGP
63	noc23-cs49	Computer Science and Engineering	Programming In Java	IITKGP
64	noc23-cs20	Computer Science and Engineering	The Joy of Computing using Python	IIT Ropar
65	noc23-cs29	Computer Science and Engineering	Introduction to Database Systems	IITM



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66	noc23-cs18	Computer Science and Engineering	Introduction to Machine Learning	IITM
67	noc23-cs08	Computer Science and Engineering	Data Analytics with Python	IITR
68	noc23-cs56	Computer Science and Engineering	Deep Learning	IITKGP
69	noc23-cs24	Computer Science and Engineering	Deep Learning - IIT Ropar	IIT Ropar
45	noc23-cs23	Computer Science and Engineering	Reinforcement Learning	IITM
46	noc23-cs51	Computer Science and Engineering	Introduction To Internet Of Things	IITKGP
47	noc23-cs05	Computer Science and Engineering	An Introduction to Artificial Intelligence	IITD
48	noc23-cs09	Computer Science and Engineering	Artificial Intelligence: Knowledge Representation And Reasoning	IITM
49	noc23-cs19	Computer Science and Engineering	Social Networks	IIT Ropar
50	noc23-cs13	Computer Science and Engineering	Privacy and Security in Online Social Media	IIITH
51	noc23-cs44	Computer Science and Engineering	Ethical Hacking	IITKGP
52	noc23-cs46	Computer Science and Engineering	Object Oriented System Development Using UML, Java And Patterns	IITKGP



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53	noc23-cs48	Computer Science and Engineering	Computer Networks And Internet Protocol	IITKGP
54	noc23-cs35	Computer Science and Engineering	Advanced Computer Networks	IIT Indore IIT Gandhinagar
55	noc23-cs07	Computer Science and Engineering	Advanced Computer Architecture	IITD
56	noc23-cs57	Computer Science and Engineering	Compiler Design	IITKGP
57	noc23-cs47	Computer Science and Engineering	Blockchain and its Applications	IITKGP
58	noc23-cs52	Computer Science and Engineering	Introduction To Industry 4.0 And Industrial Internet Of Things	IITKGP
59	noc23-ma46	Statistics	Predictive Analytics - Regression and Classification	CMI
60	noc23-ma39	Mathematics	Essentials Of Data Science with R Software - 1:	IITK
61	noc23-ma40	Mathematics	Probability And Essentials Of Data Science With R Software - 2: Sampling	IITK