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Sep 21/22
Oct 26/27
Nov 02/03 - 2024

Note: Exam dates are subject to change based on seat availability. First exam date will be given in the hall ticket. Possible additional dates for July – Dec 2024 semester (Sep 20, Oct 25 & Nov 9/10 - 2024)

JULY - DECEMBER 2024 SEMESTER

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12 week   08 week   04 week

COMPUTER SCIENCE AND ENGINEERING

S.No.	Title of the Course	Instructor	Institution	Course Start Date	Exam Date	FDP
1	Software Testing	Prof. Meenakshi D'souza	IIITB	July 22, 2024	October 26, 2024	Yes
2	Linear Algebra Through Geometry	Prof. M Krishna Kumar, Prof. Ashok Rao, Prof. Arulalan M R	IISc	July 22, 2024	October 26, 2024	Yes
3	Discrete Mathematics - IIT Ropar	Prof. Sudarshan Iyengar, Prof. Anil Shukla	IIT Ropar	July 22, 2024	October 26, 2024	No
4	Distributed Optimization and Machine Learning	Prof. Mayank Baranwal	IITB	July 22, 2024	October 26, 2024	Yes
5	Social Network Analysis	Prof. Tanmoy Chakraborty	IITD	July 22, 2024	October 26, 2024	Yes
6	Computer Architecture	Prof. Smruti Ranjan Sarangi	IITD	July 22, 2024	October 26, 2024	No
7	Multi-Core Computer Architecture	Prof. John Jose	IITG	July 22, 2024	October 26, 2024	Yes
8	Deep Learning for Computer Vision	Prof. Vineeth N Balasubramanian	IITH	July 22, 2024	October 26, 2024	Yes
9	Practical Cyber Security for Cyber Security Practitioners	Prof. Sandeep K. Shukla	IITK	July 22, 2024	October 26, 2024	Yes
10	Computational Arithmetic - Geometry for Algebraic Curves	Prof. Nitin Saxena	IITK	July 22, 2024	October 26, 2024	Yes
11	Ethical Hacking	Prof. Indranil Sengupta	IITKGP	July 22, 2024	October 26, 2024	Yes
12	Introduction to Industry 4.0 and Industrial Internet of Things	Prof. Sudip Misra	IITKGP	July 22, 2024	October 26, 2024	Yes
13	Data Structure and Algorithms using Java	Prof. Debasis Samanta	IITKGP	July 22, 2024	October 26, 2024	Yes
14	Approximation Algorithm	Prof. Palash Dey	IITKGP	July 22, 2024	October 26, 2024	Yes
15	Artificial Intelligence : Search Methods for Problem Solving	Prof. Deepak Khemani	IITM	July 22, 2024	October 26, 2024	Yes
16	Discrete Mathematics	Prof. Ashish Choudhury	IIITB	July 22, 2024	October 27, 2024	Yes
17	Machine Learning (ML) in Hindi	Prof. Anubha Gupta	IIITD	July 22, 2024	October 27, 2024	Yes
18	Getting Started with Competitive Programming	Prof. Neeldhara Misra	IIT Gandhinagar	July 22, 2024	October 27, 2024	Yes
19	Computational Complexity	Prof. Subrahmanyam Kalyanasundaram	IIT Hyderabad	July 22, 2024	October 27, 2024	Yes
20	Applied Accelerated Artificial Intelligence	Prof. Satyajit Das, Prof. Satyadhyan Chickerur, Prof. Bharatkumar Sharma, Prof. Adeeuyi Tosin	IIT Palakkad, KLE Technological University, NVIDIA	July 22, 2024	October 27, 2024	Yes
21	Advanced Distributed Systems	Prof. Smruti Ranjan Sarangi	IITD	July 22, 2024	October 27, 2024	Yes
22	Randomized Methods in Complexity	Prof. Nitin Saxena	IITK	July 22, 2024	October 27, 2024	Yes
23	Programming in Java	Prof. Debasis Samanta	IITKGP	July 22, 2024	October 27, 2024	Yes
24	Statistical Learning for Reliability Analysis	Prof. Monalisa Sarma	IITKGP	July 22, 2024	October 27, 2024	Yes
25	Algorithmic Game Theory	Prof. Palash Dey	IITKGP	July 22, 2024	October 27, 2024	Yes
26	Operating System Fundamentals	Prof. Santanu Chattopadhyay	IITKGP	July 22, 2024	October 27, 2024	No
27	Introduction to Machine Learning	Prof. Balaraman Ravindran	IITM	July 22, 2024	October 27, 2024	Yes
28	Reinforcement Learning	Prof. Balaraman Ravindran	IITM	July 22, 2024	October 27, 2024	Yes
29	Secure Computation: Part II	Prof. Ashish Choudhury	IIITB	July 22, 2024	November 2, 2024	Yes
30	Responsible & Safe AI Systems	Prof. Ponnurangam Kumaraguru, Prof. Balaraman Ravindran, Prof. Arun Rajkumar	IIITH & IITM	July 22, 2024	November 2, 2024	Yes
31	The Joy of Computing using Python	Prof. Sudarshan Iyengar, Prof. Simran Setia	IIT Ropar	July 22, 2024	November 2, 2024	Yes
32	Deep Learning - IIT Ropar	Prof. Sudarshan Iyengar, Prof. Sukrit Gupta	IIT Ropar	July 22, 2024	November 2, 2024	Yes
33	Design & Implementation of Human-Computer Interfaces	Prof. Samit Bhattacharya	IITG	July 22, 2024	November 2, 2024	Yes
34	Introduction to Internet of Things	Prof. Sudip Misra	IITKGP	July 22, 2024	November 2, 2024	Yes
35	Introduction to Algorithms and Analysis	Prof. Sourav Mukhopadhyay	IITKGP	July 22, 2024	November 2, 2024	Yes
36	Parameterized Algorithms	Prof. Neeldhara Misra, Prof. Saket Saurabh	IIT Gandhinagar, IMSc	July 22, 2024	November 3, 2024	Yes
37	Social Networks	Prof. Sudarshan Iyengar, Prof. Yayati Gupta	IIT Ropar	July 22, 2024	November 3, 2024	Yes
38	C-Based VLSI Design	Prof. Chandan Karfa	IITG	July 22, 2024	November 3, 2024	Yes
39	Cloud Computing	Prof. Soumya Kanti Ghosh	IITKGP	July 22, 2024	November 3, 2024	Yes
40	Software Engineering	Prof. Rajib Mall	IITKGP	July 22, 2024	November 3, 2024	Yes
41	Problem Solving Through Programming in C	Prof. Anupam Basu	IITKGP	July 22, 2024	November 3, 2024	Yes
42	Computer Vision	Prof. Jayanta Mukhopadhyay	IITKGP	July 22, 2024	November 3, 2024	Yes
43	Programming in Modern C++	Prof. Partha Pratim Das	IITKGP	July 22, 2024	November 3, 2024	Yes
44	Cyber Security and Privacy	Prof. Saji K Mathew	IITM	July 22, 2024	November 3, 2024	Yes
45	Theory of Computation	Prof. Raghunath Tewari	IITK	July 22, 2024	September 21, 2024	Yes
46	Modern Algebra	Prof. Manindra Agrawal	IITK	July 22, 2024	September 21, 2024	Yes
47	Foundations and Applications of Machine Learning (Bengali)	Prof. Adway Mitra	IITKGP	July 22, 2024	September 21, 2024	Yes
48	Data Base Management System	Prof. Partha Pratim Das, Prof. Samiran Chattopadhyay	IITKGP	July 22, 2024	September 21, 2024	Yes
49	Introduction to Machine Learning (Tamil)	Prof. Arun Rajkumar	IITM	July 22, 2024	September 21, 2024	Yes
50	Programming, Data Structures and Algorithms using Python	Prof. Madhavan Mukund	CMI	July 22, 2024	September 22, 2024	Yes
51	Design and Analysis of Algorithms	Prof. Madhavan Mukund	CMI	July 22, 2024	September 22, 2024	Yes
52	Introduction to Graph Algorithms	Prof. C Pandu Rangan	IISc	July 22, 2024	September 22, 2024	Yes
53	Distributed Systems	Prof. Rajiv Misra	IIT Patna	July 22, 2024	September 22, 2024	Yes
54	Computer Graphics	Prof. Samit Bhattacharya	IITG	July 22, 2024	September 22, 2024	No
55	Introduction to Machine Learning - IITKGP	Prof. Sudeshna Sarkar	IITKGP	July 22, 2024	September 22, 2024	Yes
56	Artificial Intelligence for Economics	Prof. Adway Mitra, Prof. Dripto Bakshi, Prof. Palash Dey	IITKGP	July 22, 2024	September 22, 2024	Yes
57	Introduction to Operating Systems	Prof. Chester Rebeiro	IITM	July 22, 2024	September 22, 2024	No
58	Big Data Computing	Prof. Rajiv Misra	IIT Patna	August 19, 2024	October 26, 2024	Yes
59	Google Cloud Computing Foundations	Prof. Soumya Kanti Ghosh	IITKGP	August 19, 2024	October 27, 2024	Yes
60	Data Science for Engineers	Prof. Ragunathan Rengasamy, Prof. Shankar Narasimhan	IITM	July 22, 2024	September 22, 2024	Yes
61	Introduction to Quantum Computing: Quantum Algorithms and Qiskit	Prof. Prabha Mandayam, Prof. Anupama Ray, Prof. Sheshashayee Raghunathan	IBM and IITM	July 22, 2024	September 21, 2024	Yes
62	Python for Data Science	Prof. Ragunathan Rengasamy	IITM	July 22, 2024	September 21, 2024	Yes
63	Demystifying Networking	Prof. Sridhar Iyer, Prof. Ashutosh Raina	IITB	July 22, 2024	September 22, 2024	Yes
64	Software Conceptual Design	Prof. Sridhar Iyer, Prof. Prajish Prasad, Prof. T. G. Lakshmi	IITB	August 19, 2024	October 27, 2024	Yes
65	C Programming and Assembly Language	Prof. Janakiraman Viraraghavan	IITM	August 19, 2024	October 27, 2024	Yes

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COMPUTER SCIENCE AND ENGINEERING

S.No.	Title of the Course	Instructor	Institution	Course Start Date	Exam Date	FDP
1	Advanced Distributed Systems	Prof. Smruti Ranjan Sarangi	IITD	July 24, 2023	October 28, 2023	Yes
2	Applied Accelerated Artificial Intelligence	Prof. Satyajit Das, Prof. Satyadhyan Chickerur, Prof. Bharatkumar Sharma, Prof. Adesuyi Tosin	IIT Palakkad KLE Technological University NVIDIA	July 24, 2023	October 28, 2023	Yes
3	Artificial Intelligence : Search Methods For Problem Solving	Prof. Deepak Khemani	IITM	July 24, 2023	October 28, 2023	Yes
4	C-Based VLSI Design	Prof. Chandan Karfa	IITG	July 24, 2023	October 28, 2023	Yes
5	Computer Vision	Prof. Jayanta Mukhopadhyay	IITKGP	July 24, 2023	October 28, 2023	Yes
6	Deep Learning - IIT Ropar	Prof. Padmavati, Prof. Sudarshan Iyengar	IIT Ropar	July 24, 2023	October 28, 2023	Yes
7	Deep Learning for Computer Vision	Prof. Vineeth N Balasubramanian	IITH	July 24, 2023	October 28, 2023	Yes
8	Design & Implementation Of Human-Computer Interfaces	Prof. Samit Bhattacharya	IITG	July 24, 2023	October 28, 2023	Yes
9	Getting Started With Competitive Programming	Prof. Neeldhara Misra	IIT Gandhinagar	July 24, 2023	October 28, 2023	Yes
10	Introduction To Algorithms And Analysis	Prof. Sourav Mukhopadhyay	IITKGP	July 24, 2023	October 28, 2023	Yes
11	Introduction To Game Theory And Mechanism Design	Prof. Swaprava Nath	IITB	July 24, 2023	October 28, 2023	Yes
12	Introduction To Industry 4.0 And Industrial Internet Of Things	Prof. Sudip Misra	IITKGP	July 24, 2023	October 28, 2023	Yes
13	Multi-Core Computer Architecture – Storage And Interconnects	Prof. John Jose	IITG	July 24, 2023	October 28, 2023	Yes
14	Natural Language Processing	Prof. Pawan Goyal	IITKGP	July 24, 2023	October 28, 2023	Yes
15	Parameterized Algorithms	Prof. Neeldhara Misra, Prof. Saket Saurabh	IIT Gandhinagar IMSC	July 24, 2023	October 28, 2023	Yes
16	Privacy And Security In Online Social Media	Prof. Ponnurangam Kumaraguru	IIITH	July 24, 2023	October 28, 2023	Yes
17	Problem Solving Through Programming In C	Prof. Anupam Basu	IITKGP	July 24, 2023	October 28, 2023	Yes
18	Programming In Modern C++	Prof. Partha Pratim Das	IITKGP	July 24, 2023	October 28, 2023	Yes
19	Secure Computation: Part II	Prof. Ashish Choudhary	IIITB	July 24, 2023	October 28, 2023	Yes
20	Social Network Analysis	Prof. Tanmoy Chakraborty	IITD	July 24, 2023	October 28, 2023	Yes
21	Social Networks	Prof. Sudarshan Iyengar, Prof. Yayati Gupta	IIT Ropar	July 24, 2023	October 28, 2023	Yes
22	Statistical Learning For Reliability Analysis	Prof. Monalisa Sarma	IITKGP	July 24, 2023	October 28, 2023	Yes
23	The Joy Of Computing Using Python	Prof. Sudarshan Iyengar	IIT Ropar	July 24, 2023	October 28, 2023	Yes
24	Computational Complexity	Prof. Subrahmanyam Kalyanasundaram	IIT Hyderabad	July 24, 2023	October 29, 2023	Yes
25	Data Structure And Algorithms Using Java	Prof. Debasis Samanta	IITKGP	July 24, 2023	October 29, 2023	Yes
26	Discrete Mathematics - IIITB	Prof. Ashish Choudhary	IIITB	July 24, 2023	October 29, 2023	Yes
27	Ethical Hacking	Prof. Indranil Sengupta	IITKGP	July 24, 2023	October 29, 2023	yes
28	Introduction To Internet Of Things	Prof. Sudip Misra	IITKGP	July 24, 2023	October 29, 2023	Yes
29	Introduction To Machine Learning	Prof. Balaraman Ravindran	IITM	July 24, 2023	October 29, 2023	Yes
30	Machine Learning (Ml) In Hindi	Prof. Anubha Gupta	IIITD	July 24, 2023	October 29, 2023	Yes
31	Programming In Java	Prof. Debasis Samanta	IITKGP	July 24, 2023	October 29, 2023	Yes
32	Reinforcement Learning	Prof. Balaraman Ravindran	IITM	July 24, 2023	October 29, 2023	Yes
33	Software Engineering	Prof. Rajib Mall	IITKGP	July 24, 2023	October 29, 2023	Yes
34	Software Testing (IIITB)	Prof. Meenakshi D'Souza	IIITB	July 24, 2023	October 29, 2023	Yes
35	Discrete Mathematics	Prof. Sudarshan Iyengar, Prof. Prabu Chandran K J	IIT Ropar	July 24, 2023	October 28, 2023	No
36	Computer Architecture	Prof. Smruti Ranjan Sarangi	IITD	July 24, 2023	October 29, 2023	No
37	Operating System Fundamentals	Prof. Santanu Chattopadhyay	IITKGP	July 24, 2023	October 29, 2023	No
38	Cyber Security and Privacy	Prof. Saji K Mathew	IITM	July 24, 2023	October 28, 2023	Yes
39	Cloud Computing	Prof. Soumya Kanti Ghosh	IITKGP	July 24, 2023	September 24, 2023	Yes
40	Data Base Management System	Prof. Partha Pratim Das, Prof. Samiran Chattopadhyay	IITKGP	July 24, 2023	September 24, 2023	Yes
41	Data Science For Engineers	Prof. Ragunathan Rengasamy, Prof. Shankar Narasimhan	IITM	July 24, 2023	September 24, 2023	Yes
42	Design And Analysis Of Algorithms	Prof. Madhavan Mukund	CMI	July 24, 2023	September 24, 2023	Yes
43	Distributed Systems	Prof. Rajiv Misra	IIT Patna	July 24, 2023	September 24, 2023	Yes
44	Foundations And Applications Of Machine Learning (Bengali)	Prof. Adway Mitra	IITKGP	July 24, 2023	September 24, 2023	Yes
45	Hardware Modeling Using Verilog	Prof. Indranil Sengupta	IITKGP	July 24, 2023	September 24, 2023	Yes
46	Introduction To Haskell Programming	Prof. S. P Suresh	CMI	July 24, 2023	September 24, 2023	Yes
47	Introduction To Machine Learning - IITKGP	Prof. Sudeshna Sarkar	IITKGP	July 24, 2023	September 24, 2023	Yes
48	Introduction To Machine Learning (Tamil)	Prof. Arun Rajkumar	IITM	July 24, 2023	September 24, 2023	Yes
49	Machine Learning For Earth System Sciences	Prof. Adway Mitra	IITKGP	July 24, 2023	September 24, 2023	Yes
50	Programming, Data Structures And Algorithms Using Python	Prof. Madhavan Mukund	CMI	July 24, 2023	September 24, 2023	Yes
51	Theory Of Computation	Prof. Raghunath Tewari	IITK	July 24, 2023	September 24, 2023	Yes
52	Big Data Computing	Prof. Rajiv Misra	IIT Patna	August 21, 2023	October 28, 2023	Yes
53	Modern Algebra	Prof. Manindra Agrawal	IITK	August 21, 2023	October 28, 2023	Yes
54	Google Cloud Computing Foundations	Prof. Soumya Kanti Ghosh	IIT KGP & Google	August 21, 2023	October 29, 2023	Yes
55	Computer Graphics	Prof. Samit Bhattacharya	IITG	July 24, 2023	September 24, 2023	No
56	Introduction To Operating Systems	Prof. Chester Rebeiro	IITM	July 24, 2023	September 24, 2023	No
57	C Programming And Assembly Language	Prof. Janakiraman Viraraghavan	IITM	July 24, 2023	September 24, 2023	Yes
58	Demystifying Networking	Prof. Sridhar Iyer, Prof. Ashutosh Raina	IITB	July 24, 2023	September 24, 2023	Yes
59	Python For Data Science	Prof. Ragunathan Rengasamy	IITM	July 24, 2023	September 24, 2023	Yes
60	Software Testing (IITKGP)	Prof. Rajib Mall	IITKGP	July 24, 2023	September 24, 2023	Yes
61	Introduction To Computer And Network Performance Analysis Using Queuing Systems	Prof. Varsha Apte	IITB	August 21, 2023	October 28, 2023	Yes
62	Software Conceptual Design	Prof. Sridhar Iyer, Prof. Prajish Prasad, Prof. T. G. Lakshmi	IITB	August 21, 2023	October 29, 2023	Yes

COMPUTER SCIENCE AND ENGINEERING

S.No.	Title of the Course	Instructor	Institution	Course Start Date	Exam Date	FDP
1	Introduction to Machine Learning (Tamil)	Prof. Arun Rajkumar	IITM	July 25, 2022	September 25, 2022	Yes
2	Artificial Intelligence : Search Methods For Problem solving	Prof. Deepak Khemani	IITM	July 25, 2022	October 29, 2022	Yes
3	Introduction to Machine Learning	Prof. Balaraman Ravindran	IITM	July 25, 2022	October 29, 2022	Yes
4	Reinforcement Learning	Prof. Balaraman Ravindran	IITM	July 25, 2022	October 29, 2022	Yes
5	Introduction to Game Theory and Mechanism Design	Prof. Swaprava Nath	IITB	July 25, 2022	October 29, 2022	Yes
6	Advanced Distributed systems	Prof. Smruti R. Sarangi	IITD	July 25, 2022	October 29, 2022	Yes
7	Parameterized Algorithms	Prof. Neeldhara Misra Prof. Saket Saurabh	IIT Gandhinagar IMSC	July 25, 2022	October 29, 2022	Yes
8	Getting Started with Competitive Programming	Prof. Neeldhara Misra	IIT Gandhinagar	July 25, 2022	October 29, 2022	Yes
9	Applied Accelerated Artificial Intelligence	Prof. Satyajit Das Prof. Satyadhyan Chickerur Prof. Bharatkumar Sharma Prof. Adesuyi Tosin	IIT Palakkad KLE Technological University NVIDIA	July 25, 2022	October 29, 2022	Yes
10	Computer Architecture And Organization	Prof. Indranil Sengupta Prof. Kamalika Datta	IITKGP	July 25, 2022	October 29, 2022	No
11	Computer Vision	Prof. Jayanta Mukhopadhyay	IITKGP	July 25, 2022	October 29, 2022	Yes
12	Cryptography And Network Security	Prof. Sourav Mukhopadhyay	IITKGP	July 25, 2022	October 29, 2022	Yes
13	Introduction To Internet Of Things	Prof. Sudip Misra	IITKGP	July 25, 2022	October 29, 2022	Yes
14	Natural Language Processing	Prof. Pawan Goyal	IITKGP	July 25, 2022	October 29, 2022	Yes
15	Problem Solving Through Programming In C	Prof. Anupam Basu	IITKGP	July 25, 2022	October 29, 2022	Yes
16	Programming In Modern C++	Prof. Partha Pratim Das	IITKGP	July 25, 2022	October 29, 2022	Yes
17	C-Based VLSI Design	Prof. Chandan Karfa	IITG	July 25, 2022	October 29, 2022	Yes
18	Secure Computation: Part II	Prof. Ashish Choudhury	IIITB	July 25, 2022	October 29, 2022	Yes
19	Algorithmic Game Theory	Prof. Palash Dey	IITKGP	July 25, 2022	October 29, 2022	Yes
20	Social Network Analysis	Prof. Tanmoy Chakraborty	IIITD	July 25, 2022	October 29, 2022	Yes
21	Statistical learning for Reliability Analysis	Prof. Monalisa Sarma	IITKGP	July 25, 2022	October 29, 2022	Yes
22	Design & Implementation of Human-Computer Interfaces	Prof. Samit Bhattacharya	IITG	July 25, 2022	October 29, 2022	Yes
23	Software Testing	Prof. Meenakshi D'souza	IIITB	July 25, 2022	October 30, 2022	Yes
24	Computational Number Theory and Algebra	Prof. Nitin Saxena	IITK	July 25, 2022	October 30, 2022	Yes
25	Deep Learning for Computer Vision	Prof. Vineeth N Balasubramanian	IITH	July 25, 2022	October 30, 2022	Yes
26	Discrete Mathematics - IIITB	Prof. Ashish Choudhury	IIIT Bangalore	July 25, 2022	October 30, 2022	Yes
27	Cloud Computing	Prof. Soumya Kanti Ghosh	IITKGP	July 25, 2022	October 30, 2022	Yes
28	Data Structure And Algorithms Using Java	Prof. Debasis Samanta	IITKGP	July 25, 2022	October 30, 2022	Yes
29	Introduction To Industry 4.0 And Industrial Internet Of Things	Prof. Sudip Misra	IITKGP	July 25, 2022	October 30, 2022	Yes
30	Operating System Fundamentals	Prof. Santanu Chattopadhyay	IITKGP	July 25, 2022	October 30, 2022	No
31	Programming In Java	Prof. Debasis Samanta	IITKGP	July 25, 2022	October 30, 2022	Yes
32	Real-Time Systems	Prof. Rajib Mall Prof. Durga Prasad Mohapatra	IITKGP	July 25, 2022	October 30, 2022	Yes
33	Software Engineering	Prof. Rajib Mall	IITKGP	July 25, 2022	October 30, 2022	Yes
34	Software Project Management	Prof. Rajib Mall Prof. Durga Prasad Mohapatra	IITKGP	July 25, 2022	October 30, 2022	Yes
35	Social Networks	Prof. Sudarshan Iyengar	IIT Ropar	July 25, 2022	October 30, 2022	Yes
36	The Joy of Computing using Python	Prof. Sudarshan Iyengar	IIT Ropar	July 25, 2022	October 30, 2022	Yes
37	Discrete Mathematics	Prof. Sudarshan Iyengar	IIT Ropar	July 25, 2022	October 30, 2022	No
38	Deep Learning - IIT Ropar	Prof. Mitesh M. Khapra Prof. Sudarshan Iyengar	IIT Ropar	July 25, 2022	October 30, 2022	Yes
39	Computational Complexity	Prof. Subrahmanyam Kalyanasundaram	IIT Hyderabad	July 25, 2022	October 30, 2022	Yes
40	Theory of Computation	Prof. Raghunath Tewari	IITK	July 25, 2022	September 25, 2022	Yes
41	Distributed Systems	Prof. Rajiv Misra	IIT Patna	July 25, 2022	September 25, 2022	Yes
42	Introduction To Haskell Programming	Prof. S. P Suresh	CMI	July 25, 2022	September 25, 2022	Yes
43	Programming, Data Structures And Algorithms Using Python	Prof. Madhavan Mukund	CMI	July 25, 2022	September 25, 2022	Yes
44	Design and analysis of algorithms	Prof. Madhavan Mukund	CMI	July 25, 2022	September 25, 2022	Yes
45	Data Science for Engineers	Prof. Ragunathan Rengasamy Prof. Shankar Narasimhan	IITM	July 25, 2022	September 25, 2022	Yes
46	Introduction to Operating Systems	Prof. Chester Rebeiro	IITM	July 25, 2022	September 25, 2022	No
47	Embedded System Design With ARM	Prof. Indranil Sengupta Prof. Kamalika Datta	IITKGP	July 25, 2022	September 25, 2022	yes
48	Hardware Modeling Using Verilog	Prof. Indranil Sengupta	IITKGP	July 25, 2022	September 25, 2022	Yes
49	Object Oriented Analysis And Design	Prof. Partha Pratim Das Prof. Ansuman Banerjee Prof. Kausik Datta	IITKGP	July 25, 2022	September 25, 2022	Yes
50	Scalable Data Science	Prof. Anirban Dasgupta Prof. Sourangshu Bhattacharya	IITKGP	July 25, 2022	September 25, 2022	Yes
51	Spatial Informatics	Prof. Soumya Kanti Ghosh	IITKGP	July 25, 2022	September 25, 2022	Yes
52	Multi-Core Computer Architecture - Storage and Interconnects	Prof. John Jose	IITG	July 25, 2022	September 25, 2022	Yes
53	Computer Graphics	Prof. Samit Bhattacharya	IITG	July 25, 2022	September 25, 2022	No
54	Machine Learning for Earth System Sciences	Prof. Adway Mitra	IITKGP	July 25, 2022	September 25, 2022	Yes
55	Introduction To Machine Learning	Prof. Sudeshna Sarkar	IITKGP	July 25, 2022	October 29, 2022	Yes
56	Modern Algebra	Prof. Manindra Agrawal	IITK	August 22, 2022	October 29, 2022	Yes
57	Big Data Computing	Prof. Rajiv Misra	IIT Patna	August 22, 2022	October 29, 2022	Yes
58	Data Base Management System	Prof. Partha Pratim Das Prof. Ansuman Banerjee Prof. Kausik Datta	IITKGP	August 22, 2022	October 29, 2022	Yes
59	C Programming and Assembly Language	Prof. Janakiraman Viraraghavan	IITM	July 25, 2022	September 25, 2022	Yes
60	Python for Data Science	Prof. Ragunathan Rengasamy	IITM	July 25, 2022	September 25, 2022	Yes
61	Introduction to Quantum Computing: Quantum Algorithms and Qiskit	Prof. Prabha Mandayam Prof. Anupama Ray Prof. Sheshashayee Raghunathan	IBM and IITM	July 25, 2022	September 25, 2022	Yes
62	Demystifying Networking	Prof. Sridhar Iyer Prof. Kavya Alse	IITB	July 25, 2022	September 25, 2022	Yes
63	Introduction to Computer and Network Performance Analysis using Queuing Systems	Prof. Varsha Apte	IITB	August 22, 2022	October 29, 2022	Yes

COMPUTER SCIENCE AND ENGINEERING

S.No.	Title of the Course	Instructor	Institution	Course Start Date	Exam Date	FDP
1	Arithmetic Circuit Complexity	Prof. Nitin Saxena	IITK	January 24, 2022	April 23, 2022	Yes
2	Artificial Intelligence: Knowledge Representation And Reasoning	Prof. Deepak Khemani	IITM	January 24, 2022	April 23, 2022	Yes
3	Foundations of Cryptography	Prof. Ashish Choudhury	IIIT Bangalore	January 24, 2022	April 23, 2022	Yes
4	Data Analytics with Python	Prof. A. Ramesh	IITR	January 24, 2022	April 23, 2022	Yes
5	Ethical Hacking	Prof. Indranil Sengupta	IITKGP	January 24, 2022	April 23, 2022	yes
6	Compiler Design	Prof. Santanu Chattopadhyay	IITKGP	January 24, 2022	April 23, 2022	No
7	Computer Networks and Internet Protocol	Prof. Soumya Kanti Ghosh Prof. Sandip Chakraborty	IITKGP	January 24, 2022	April 23, 2022	Yes
8	Deep Learning	Prof. Prabir Kumar Biswas	IITKGP	January 24, 2022	April 23, 2022	Yes
9	Model Checking	Prof. Srivathsan.B	CMI	January 24, 2022	April 23, 2022	yes
10	The Joy of Computing using Python	Prof. Sudarshan Iyengar	IIT Ropar	January 24, 2022	April 23, 2022	Yes
11	Reinforcement Learning	Prof. Balaraman Ravindran	IITM	January 24, 2022	April 23, 2022	Yes
12	Online Privacy	Prof. Ponnurangam Kumaraguru	IIITH	January 24, 2022	April 23, 2022	Yes
13	Computational Geometry	Prof. Amit Kumar	IITD	January 24, 2022	April 23, 2022	Yes
14	Programming in Modern C++	Prof. Partha Pratim Das	IITKGP	January 24, 2022	April 23, 2022	Yes
15	Blockchain and its Applications	Prof. Sandip Chakraborty Prof. Shamik Sural	IITKGP	January 24, 2022	April 23, 2022	Yes
16	Problem Solving Through Programming In C	Prof. Anupam Basu	IITKGP	January 24, 2022	April 23, 2022	Yes
17	Discrete Structures	Prof. Dipanwita Roychowdhury	IITKGP	January 24, 2022	April 23, 2022	No
18	Introduction To Internet Of Things	Prof. Sudip Misra	IITKGP	January 24, 2022	April 23, 2022	Yes
19	Object Oriented System Development Using UML, Java And Patterns	Prof. Rajib Mall	IITKGP	January 24, 2022	April 23, 2022	Yes
20	Introduction to Database Systems	Prof. Sreenivasa Kumar	IITM	January 24, 2022	April 23, 2022	No
21	Getting Started with Competitive Programming	Prof. Neeldhara Misra & Arjun	IIT Gandhinagar	January 24, 2022	April 23, 2022	Yes
22	Discrete Mathematics - IIITB	Prof. Ashish Choudhury	IIIT Bangalore	January 24, 2022	April 24, 2022	Yes
23	GPU Architectures and Programming	Prof. Soumyajit Dey	IITKGP	January 24, 2022	April 24, 2022	Yes
24	Computer Architecture	Prof. Smruti R.Sarangi	IITD	January 24, 2022	April 24, 2022	No
25	Cloud computing	Prof. Soumya Kanti Ghosh	IITKGP	January 24, 2022	April 24, 2022	Yes
26	Introduction to Machine Learning	Prof. Balaraman Ravindran	IITM	January 24, 2022	April 24, 2022	Yes
27	Social Networks	Prof. Sudarshan Iyengar Prof. Yayati Gupta	IIT Ropar	January 24, 2022	April 24, 2022	Yes
28	Discrete Mathematics	Prof. Sudarshan Iyengar Prof. Prabuchandran K.J	IIT Ropar	January 24, 2022	April 24, 2022	No
29	Deep Learning - IIT Ropar	Prof. Sudarshan Iyengar Prof. Sanatan Sukhija	IIT Ropar	January 24, 2022	April 24, 2022	Yes
30	An Introduction to Programming Through C++	Prof. Abhiram Ranade	IITB	January 24, 2022	April 24, 2022	No
31	Embedded Systems Design	Prof. Anupam Basu	IITKGP	January 24, 2022	April 24, 2022	No
32	Programming In Java	Prof. Debasis Samanta	IITKGP	January 24, 2022	April 24, 2022	Yes
33	Hardware Security	Prof. Debdeep Mukhopadhyay	IITKGP	January 24, 2022	April 24, 2022	Yes
34	VLSI Physical Design	Prof. Indranil Sengupta	IITKGP	January 24, 2022	April 24, 2022	Yes
35	Introduction To Industry 4.0 And Industrial Internet Of Things	Prof. Sudip Misra	IITKGP	January 24, 2022	April 24, 2022	Yes
36	An Introduction to Artificial Intelligence	Prof. Mausam	IITD	January 24, 2022	April 24, 2022	Yes
37	AI:Constraint Satisfaction	Prof. Deepak Khemani	IITM	January 24, 2022	March 27, 2022	Yes
38	User-centric Computing for Human-Computer Interaction	Prof. Samit Bhattacharya	IITG	January 24, 2022	March 27, 2022	Yes
39	Cloud Computing and Distributed Systems	Prof. Rajiv Misra	IIT Patna	January 24, 2022	March 27, 2022	Yes
40	Introduction to parallel programming with OpenMP and MPI	Prof. Yogish Sabharwal	IITD	January 24, 2022	March 27, 2022	Yes
41	Information Security - 5 - Secure Systems Engineering	Prof. Chester Robeiro	IITM	January 24, 2022	March 27, 2022	Yes
42	Programming, Data Structures And Algorithms Using Python	Prof. Madhavan Mukund	CMI	January 24, 2022	March 27, 2022	Yes
43	Design and analysis of algorithms	Prof. Madhavan Mukund	CMI	January 24, 2022	March 27, 2022	Yes
44	Data Science for Engineers	Prof. Ragunathan Rengasamy Prof. Shankar Narasimhan	IITM	January 24, 2022	March 27, 2022	Yes
45	Design and Engineering of Computer Systems	Prof. Mythili Vutukuru	IITB	January 24, 2022	March 27, 2022	Yes
46	Data Base Management System	Prof. Partha Pratim Das Prof. Samiran Chattopadhyay	IITKGP	January 24, 2022	March 27, 2022	Yes
47	Introduction To Soft Computing	Prof. Debasis Samanta	IITKGP	January 24, 2022	March 27, 2022	Yes
48	Data Mining	Prof. Pabitra Mitra	IITKGP	February 21, 2022	April 23, 2022	yes
49	Advanced Graph Theory	Prof. Rajiv Misra	IIT Patna	February 21, 2022	April 23, 2022	Yes
50	Introduction To Programming In C	Prof. Satyadev Nandakumar	IITK	February 21, 2022	April 23, 2022	Yes
51	Advanced Computer Architecture	Prof. John Jose	IITG	February 21, 2022	April 24, 2022	Yes
52	Machine Learning, ML	Prof. Carl Gustaf Jansson Prof. Henrik Boström Prof. Fredrik Kilander	KTH Royal Institute of Technology, Sweden	February 21, 2022	April 24, 2022	Yes
53	Software Testing	Prof. Rajib Mall	IITKGP	January 24, 2022	March 27, 2022	Yes
54	Python for Data Science	Prof. Ragunathan Rengasamy	IITM	January 24, 2022	March 27, 2022	Yes
55	Introduction to Machine Learning (Tamil)	Prof. Arun Rajkumar	IITM	January 24, 2022	March 27, 2022	Yes
56	Systems and Usable Security	Prof. Neminath Hubballi	IIT Indore	February 21, 2022	April 23, 2022	Yes
57	Fundamental Algorithms: Design and Analysis	Prof. Sourav Mukhopadhyay	IITKGP	February 21, 2022	April 24, 2022	Yes
58	Software Conceptual Design	Prof. Sridhar Iyer Prof. Prajish Prasad Prof. T. G. Lakshmi	IITB	February 21, 2022	April 24, 2022	Yes

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COMPUTER SCIENCE AND ENGINEERING

S.No.	Title of the Course	Instructor	Institution	Course Start Date	Exam Date	FDP
1	Problem solving through Programming In C	Prof. Anupam Basu	IITKGP	July 26, 2021	October 23, 2021	✓
2	Programming in Java	Prof. Debasis Samanta	IITKGP	July 26, 2021	October 23, 2021	✓
3	Computer architecture and organization	Prof. Indranil Sengupta Prof. Kamalika Datta	IITKGP	July 26, 2021	October 23, 2021	-
4	Switching Circuits and Logic Design	Prof. Indranil Sengupta	IITKGP	July 26, 2021	October 23, 2021	✓
5	Introduction to Industry 4.0 and Industrial Internet of Things	Prof. Sudip Misra	IITKGP	July 26, 2021	October 23, 2021	✓
6	Social Networks	Prof. Sudarshan Iyengar Prof. Poonam Saini	IIT Ropar	July 26, 2021	October 23, 2021	✓
7	The Joy of Computing using Python	Prof. Sudarshan Iyengar Prof. Yayati Gupta	IIT Ropar	July 26, 2021	October 23, 2021	✓
8	Deep learning - IITRopar	Prof. Sudarshan Iyengar Prof. Padmavati	IIT Ropar	July 26, 2021	October 23, 2021	✓
9	Artificial Intelligence Search Methods For Problem Solving	Prof. Deepak Khemani	IITM	July 26, 2021	October 23, 2021	✓
10	Discrete Mathematics	Prof. Sudarshan Iyengar Prof. Neeldhara	IIT Ropar IIT Gandhinagar	July 26, 2021	October 23, 2021	-
11	Introduction to algorithms and analysis	Prof. Sourav Mukhopadhyay	IITKGP	July 26, 2021	October 23, 2021	✓
12	Parameterized Algorithms	Prof. Neeldhara Misra Prof. Saket Saurabh	IIT Gandhinagar, IMSC	July 26, 2021	October 23, 2021	✓
13	Advanced computer architecture	Prof. Smruti R. Sarangi	IITD	July 26, 2021	October 23, 2021	✓
14	Algorithms for protein modelling and engineering	Prof. Pralay Mitra	IITKGP	July 26, 2021	October 23, 2021	✓
15	Computer Vision	Prof. Jayanta Mukhopadhyay	IITKGP	July 26, 2021	October 23, 2021	✓
16	Natural Language Processing	Prof. Pawan Goyal	IITKGP	July 26, 2021	October 23, 2021	✓
17	Introduction to internet of things	Prof. Sudip Misra	IITKGP	July 26, 2021	October 24, 2021	✓
18	Software Engineering	Prof. Rajib Mall	IITKGP	July 26, 2021	October 24, 2021	✓
19	Introduction to Machine Learning - IITM	Prof. Balaraman Ravindran	IITM	July 26, 2021	October 24, 2021	✓
20	Reinforcement Learning	Prof. Balaraman Ravindran	IITM	July 26, 2021	October 24, 2021	✓
21	Software Testing	Prof. Meenakshi D'souza	IIITB	July 26, 2021	October 24, 2021	✓
22	Operating System Fundamentals	Prof. Santanu Chattopadhyay	IITKGP	July 26, 2021	October 24, 2021	-
23	Computational Complexity	Prof. Subrahmanyam Kalyanasundaram	IIT Hyderabad	July 26, 2021	October 24, 2021	✓
24	Secure Computation: Part I	Prof. Ashish Choudhury	IIITB	July 26, 2021	October 24, 2021	✓
25	Deep Learning for Computer Vision	Prof. Vineeth N Balasubramanian	IIT Hyderabad	July 26, 2021	October 24, 2021	✓
26	C-Based VLSI Design	Prof. Chandan Karfa	IITG	July 26, 2021	October 24, 2021	✓
27	Real-Time Systems	Prof. Rajib Mall Prof. Durga Prasad Mohapatra	IITKGP	July 26, 2021	October 24, 2021	✓
28	Getting Started with Competitive Programming	Prof. Neeldhara Misra Mr. Arjun	IIT Gandhinagar	July 26, 2021	October 24, 2021	✓
29	Programming in C++	Prof. Partha Pratim Das	IITKGP	July 26, 2021	September 26, 2021	✓
30	Object Oriented Analysis and Design	Prof. Partha Pratim Das Prof. Samiran Chattopadhyay Prof. Kausik Datta	IITKGP	July 26, 2021	September 26, 2021	✓
31	Data Base Management System	Prof. Partha Pratim Das Prof. Samiran Chattopadhyay	IITKGP	July 26, 2021	September 26, 2021	✓
32	Scalable Data Science	Prof. Anirban Dasgupta Prof. Sourangshu Bhattacharya	IITKGP	July 26, 2021	September 26, 2021	✓
33	Hardware modeling using verilog	Prof. Indranil Sengupta	IITKGP	July 26, 2021	September 26, 2021	✓
34	Programming, Data Structures And Algorithms Using Python	Prof. Madhavan Mukund	CMI	July 26, 2021	September 26, 2021	✓
35	Data Science for Engineers	Prof. Ragunathan Rengasamy Prof. Shankar Narasimhan	IITM	July 26, 2021	September 26, 2021	✓
36	Introduction to Operating Systems	Prof. Chester Rebeiro	IITM	July 26, 2021	September 26, 2021	-
37	Introduction To Haskell Programming	Prof. S. P Suresh	CMI	July 26, 2021	September 26, 2021	✓
38	Theory of Computation	Prof. Raghunath Tewari	IITK	July 26, 2021	September 26, 2021	✓
39	Introduction to Machine Learning - IITKGP	Prof. Sudeshna Sarkar	IITKGP	July 26, 2021	September 26, 2021	✓
40	Distributed Systems	Prof. Rajiv Misra	IIT Patna	July 26, 2021	September 26, 2021	✓
41	Computer Graphics	Prof. Samit Bhattacharya	IITG	July 26, 2021	September 26, 2021	-
42	Cloud computing	Prof. Soumya Kanti Ghosh	IITKGP	August 23, 2021	October 23, 2021	✓
43	Multi-Core Computer Architecture – Storage and Interconnects	Prof. John Jose	IITG	August 23, 2021	October 23, 2021	✓
44	Probability for Computer Science	Prof. Nitin Saxena	IITK	August 23, 2021	October 23, 2021	✓
45	Design and analysis of algorithms	Prof. Madhavan Mukund	CMI	August 23, 2021	October 24, 2021	✓
46	Modern Algebra	Prof. Manindra Agrawal	IITK	August 23, 2021	October 24, 2021	✓
47	Big Data Computing	Prof. Rajiv Misra	IIT Patna	August 23, 2021	October 24, 2021	✓
48	Python for Data Science	Prof. Ragunathan Rengasamy	IITM	July 26, 2021	September 26, 2021	✓
49	C Programming and Assembly Language	Prof. Janakiraman Viraraghavan	IITM	July 26, 2021	September 26, 2021	✓
50	Demystifying Networking	Prof. Sridhar Iyer	IITB	July 26, 2021	September 26, 2021	✓
51	Introduction to Quantum Computing: Quantum Algorithms and Qiskit	Prof. Prabha Mandayam Prof. Anupama Ray Prof. Sheshashayee Raghunathan	IBM and IITM	August 23, 2021	October 23, 2021	✓

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S.No.	Title of the Course	Instructor	Institution	Course Start Date	Exam Date	FDP
1	Problem solving through Programming in C	Prof. Anupam Basu	IIT KGP	September 14, 2020	December 19, 2020	✓
2	Programming in Java	Prof. Debasis Samanta	IIT KGP	September 14, 2020	December 19, 2020	✓
3	Deep Learning	Prof. Prabir Kumar Biswas	IIT KGP	September 14, 2020	December 19, 2020	✓
4	Computer architecture and organization	Prof. Indranil Sengupta Prof. Kamalika Datta	IIT KGP	September 14, 2020	December 19, 2020	-
5	Switching Circuits and Logic Design	Prof. Indranil Sengupta	IIT KGP	September 14, 2020	December 19, 2020	✓
6	Introduction to Industry 4.0 and Industrial Internet of Things	Prof. Sudip Misra	IIT KGP	September 14, 2020	December 19, 2020	✓
7	Social Networks	Prof. Sudarshan Iyengar	IIT Ropar	September 14, 2020	December 19, 2020	✓
8	Artificial Intelligence Search Methods For Problem Solving	Prof. Deepak Khemani	IITM	September 14, 2020	December 19, 2020	✓
9	The Joy of Computing using Python	Prof. Sudarshan Iyengar Prof. Yayati Gupta	IIT Ropar	September 14, 2020	December 19, 2020	✓
10	Object Oriented System Development using UML, Java and Patterns	Prof. Rajib Mall	IIT KGP	September 14, 2020	December 19, 2020	✓
11	Applied Natural Language Processing	Prof. Ramaseshan R	CMI	September 14, 2020	December 19, 2020	✓
12	Introduction to algorithms and analysis	Prof. Sourav Mukhopadhyay	IIT KGP	September 14, 2020	December 19, 2020	✓
13	Bandit Algorithm (Online Machine Learning)	Prof. Manjesh hanawal	IITB	September 14, 2020	December 19, 2020	✓
14	Introduction to internet of things	Prof. Sudip Misra	IIT KGP	September 14, 2020	December 20, 2020	✓
15	Software Engineering	Prof. Rajib Mall	IIT KGP	September 14, 2020	December 20, 2020	✓
16	Introduction to Machine Learning	Prof. Balaraman Ravindran	IITM	September 14, 2020	December 20, 2020	✓
17	Reinforcement Learning	Prof. Balaraman Ravindran	IITM	September 14, 2020	December 20, 2020	✓
18	Software Testing	Prof. Meenakshi D'souza	IIITB	September 14, 2020	December 20, 2020	✓
19	Discrete Mathematics	Prof. Sudarshan Iyengar Prof. Neeldhara	IIT Ropar & IIT Gandhinagar	September 14, 2020	December 20, 2020	-
20	Data Structure and algorithms using Java	Prof. Debasis Samanta	IIT KGP	September 14, 2020	December 20, 2020	✓
21	Deep Learning for Computer Vision	Prof. Vineeth N Balasubramanian	IITH	September 14, 2020	December 20, 2020	✓
22	Programming in C++	Prof. Partha Pratim Das	IIT KGP	September 14, 2020	December 18, 2020	✓
23	Object Oriented Analysis and Design	Prof. Partha Pratim Das Prof. Ansuman Banerjee Prof. Kausik Datta	IIT KGP	September 14, 2020	December 18, 2020	✓
24	Data Base Management System	Prof. Partha Pratim Das Prof. Samiran Chattopadhyay	IIT KGP	September 14, 2020	December 18, 2020	✓
25	Scalable Data Science	Prof. Anirban Dasgupta Prof. Sourangshu Bhattacharya	IIT Kharagpur IIT Gadhinagar	September 14, 2020	December 18, 2020	✓
26	Cloud computing	Prof. Soumya Karti Ghosh	IIT KGP	September 14, 2020	December 18, 2020	✓
27	Programming, Data Structures And Algorithms Using Python	Prof. Madhavan Mukund	CMI	September 14, 2020	December 18, 2020	✓
28	Data Science for Engineers	Prof. Ragunathan Rengasamy Prof. Shankar Narasimhan	IITM	September 14, 2020	December 18, 2020	✓
29	Introduction to Operating Systems	Prof. Chester Rebeiro	IITM	September 14, 2020	December 18, 2020	-
30	Introduction To Haskell Programming	Prof. S. P Suresh	CMI	September 14, 2020	December 18, 2020	✓
31	Introduction to Programming in C	Prof. Satyadev Nandakumar	IITK	September 14, 2020	December 18, 2020	✓
32	Hardware modeling using verilog	Prof. Indranil Sengupta	IIT KGP	September 14, 2020	December 19, 2020	✓
33	Computer Graphics	Prof. Samit Bhattacharya	IITG	September 14, 2020	December 19, 2020	-
34	Google Cloud Computing Foundations	Prof. Soumya Karti Ghosh	IIT KGP & Google	September 14, 2020	December 19, 2020	✓
35	Design and analysis of algorithms	Prof. Madhavan Mukund	CMI	September 14, 2020	December 20, 2020	✓
36	Big Data Computing	Prof. Rajiv Misra	IITP	September 14, 2020	December 20, 2020	✓
37	Practical Machine Learning with Tensorflow	Prof. Ashish Tendulkar Prof. Balaraman Ravindran	IITM & Google	September 14, 2020	December 20, 2020	✓
38	Python for Data Science	Prof. Ragunathan Rengasamy	IITM	September 14, 2020	December 18, 2020	✓
39	Demystifying Networking	Prof. Sridhar Iyer	IITB	September 14, 2020	December 18, 2020	✓
40	C Programming and Assembly Language	Prof. Janakiraman Viraraghavan	IITM	September 14, 2020	December 18, 2020	✓

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S.No.	Title of the Course	Instructor	Institution	Course Start Date	Exam Date
● 1	Problem solving through Programming In C	Prof. Anupam Basu	IIT KGP	January 27, 2020	April 25, 2020
● 2	The Joy of Computing using Python	Prof. Sudarshan Iyengar Prof. Yayati Gupta	IIT Ropar	January 27, 2020	April 25, 2020
● 3	Introduction to algorithms and analysis	Prof. Sourav Mukhopadhyay	IIT KGP	January 27, 2020	April 25, 2020
● 4	Randomized Algorithms	Prof. Benny George K	IITG	January 27, 2020	April 25, 2020
5	Discrete Mathematics	Prof. Sudarshan Iyengar Prof. Rishi Ranjan Singh	IIT Ropar & IIT Bhilai	January 27, 2020	April 25, 2020
● 6	Foundations to Computer Systems Design	Prof. Kamakoti Veezhinathan	IITM	January 27, 2020	April 25, 2020
7	Operating System	Prof. Sorav Bansal	IITD	January 27, 2020	April 25, 2020
● 8	Computational Geometry	Prof. Amit Kumar	IITD	January 27, 2020	April 25, 2020
● 9	Data Analytics with Python	Prof. A. Ramesh	IITR	January 27, 2020	April 25, 2020
● 10	Artificial Intelligence : Knowledge Representation And Reasoning	Prof. Deepak Khemani	IITM	January 27, 2020	April 25, 2020
● 11	Deep Learning (IITKGP)	Prof. Prabir Kumar Biswas	IIT KGP	January 27, 2020	April 25, 2020
12	Compiler Design	Prof. Santanu Chattopadhyay	IIT KGP	January 27, 2020	April 25, 2020
● 13	Introduction to internet of things	Prof. Sudip Misra	IIT KGP	January 27, 2020	April 25, 2020
● 14	Computer Networks and Internet Protocol	Prof. Soumya Kanti Ghosh Prof. Sandip Chakraborty	IIT KGP	January 27, 2020	April 25, 2020
● 15	Reinforcement Learning	Prof. Balaraman Ravindran	IITM	January 27, 2020	April 25, 2020
● 16	Model Checking	Prof. Srivathsan B	CMI	January 27, 2020	April 25, 2020
● 17	Arithmetic Circuit Complexity	Prof. Nitin Saxena	IITK	January 27, 2020	April 25, 2020
● 18	Foundations of Cryptography	Prof. Ashish Choudhury	IIIT Bangalore	January 27, 2020	April 25, 2020
● 19	Cryptography and Network Security	Prof. Sourav Mukhopadhyay	IIT KGP	January 27, 2020	April 25, 2020
● 20	Modern Application Development	Prof. Aamod Sane Prof. Abhijat Vichare Prof. Madhavan Mukund	Persistent Computing Systems, CMI	January 27, 2020	April 25, 2020
● 21	Programming in Java	Prof. Debasis Samanta	IIT KGP	January 27, 2020	April 26, 2020
22	Introduction to Database Systems	Prof. Sreenivasa Kumar	IITM	January 27, 2020	April 26, 2020
● 23	Introduction to Machine Learning	Prof. Balaraman Ravindran	IITM	January 27, 2020	April 26, 2020
● 24	An Introduction to Artificial Intelligence	Prof. Mausam	IITD	January 27, 2020	April 26, 2020
25	Computer Architecture	Prof. Smruti Ranjan Sarangi	IITD	January 27, 2020	April 26, 2020
26	Embedded Systems Design	Prof. Anupam Basu	IIT KGP	January 27, 2020	April 26, 2020
● 27	VLSI Physical Design	Prof. Indranil Sengupta	IIT KGP	January 27, 2020	April 26, 2020
● 28	Introduction to Industry 4.0 and Industrial Internet of Things	Prof. Sudip Misra	IIT KGP	January 27, 2020	April 26, 2020
● 29	Social Networks	Prof. Poonam Saini Prof. Sudarshan Iyengar	Punjab Engineering College & IIT Ropar	January 27, 2020	April 26, 2020
● 30	Deep Learning - Part 1(IIT Ropar)	Prof. Sudarshan Iyengar Prof. Padmavati	IIT Ropar	January 27, 2020	April 26, 2020
● 31	GPU Architectures and Programming	Prof. Soumyajit Dey	IIT KGP	January 27, 2020	April 26, 2020
● 32	Programming in C++	Prof. Partha Pratim Das	IIT KGP	January 27, 2020	March 29, 2020
● 33	Programming, Data Structures And Algorithms Using Python	Prof. Madhavan Mukund	CMI	January 27, 2020	March 29, 2020
34	Data Base Management System	Prof. Partha Pratim Das	IIT KGP	January 27, 2020	March 29, 2020
● 35	Design and analysis of algorithms	Prof. Madhavan Mukund	CMI	January 27, 2020	March 29, 2020
● 36	Data Science for Engineers	Prof. Ragunathan Rengasamy Prof. Shankar Narasimhan	IITM	January 27, 2020	March 29, 2020
● 37	Practical Machine Learning with Tensorflow	Prof. Ashish Tendulkar Prof. Balaraman Ravindran	IITM & Google	January 27, 2020	March 29, 2020
● 38	Embedded System Design with ARM	Prof. Indranil Sengupta Prof. Kamalika Dutta	IIT KGP	January 27, 2020	March 29, 2020
● 39	Introduction To Soft Computing	Prof. Debasis Samanta	IIT KGP	January 27, 2020	March 29, 2020
● 40	Cloud Computing and Distributed Systems	Prof. Rajiv Misra	IITP	January 27, 2020	March 29, 2020
● 41	Information Security - 5 - Secure Systems Engineering	Prof. Chester Rebeiro	IITM	January 27, 2020	March 29, 2020
● 42	User-centric Computing for Human-Computer Interaction	Prof. Samit Bhattacharya	IITG	January 27, 2020	March 29, 2020
● 43	Data Mining	Prof. Pabitra Mitra	IIT KGP	February 24, 2020	April 25, 2020
● 44	Multi-Core Computer Architecture - Storage and Interconnects	Prof. John Jose	IITG	February 24, 2020	April 25, 2020
● 45	Introduction to Blockchain Technology and Applications	Prof. Sandeep Shukla	IITK	February 24, 2020	April 25, 2020
● 46	Machine Learning, ML	Prof. Carl Gustaf Jansson	KTH, The Royal Institute of Technology	February 24, 2020	April 26, 2020
● 47	Cloud computing	Prof. Soumya Kanti Ghosh	IIT KGP	February 24, 2020	April 26, 2020
● 48	Privacy and Security in Online Social Media	Prof. Ponnurangam Kumaraguru	IIITD	February 24, 2020	April 26, 2020
● 49	Python for Data Science	Prof. Ragunathan Rengasamy	IITM	January 27, 2020	March 29, 2020
● 50	Software Testing	Prof. Rajib Mall	IIT KGP	January 27, 2020	March 29, 2020
● 51	Real Time Operating System	Prof. Rajib Mall	IIT KGP	February 24, 2020	April 25, 2020

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S.No.	Title of the Course	Instructor	Institution	Course Start Date	Exam Date	FDP
1	Privacy and Security in Online Social Media	Prof. Ponnurangam Kumaraguru	IIT Delhi	January 18, 2021	April 25, 2021	✓
2	Problem solving through Programming In C	Prof. Anupam Basu	IIT KGP	January 18, 2021	April 24, 2021	✓
3	Deep Learning - IITKGP	Prof. Prabir Kumar Biswas	IIT KGP	January 18, 2021	April 24, 2021	✓
4	Compiler Design	Prof. Santanu Chattopadhyay	IIT KGP	January 18, 2021	April 24, 2021	–
5	Cryptography and Network Security	Prof. Sourav Mukhopadhyay	IIT KGP	January 18, 2021	April 24, 2021	✓
6	Introduction to internet of things	Prof. Sudip Misra	IIT KGP	January 18, 2021	April 24, 2021	✓
7	Computer Networks and Internet Protocol	Prof. Soumya Kanti Ghosh Prof. Sandip Chakraborty	IIT KGP	January 18, 2021	April 24, 2021	✓
8	Reinforcement Learning	Prof. Balaraman Ravindran	IITM	January 18, 2021	April 24, 2021	✓
9	Artificial Intelligence: Knowledge Representation and Reasoning	Prof. Deepak Khemani	IITM	January 18, 2021	April 24, 2021	✓
10	Foundations to Computer Systems Design	Prof. Kamakoti Veezhinathan	IITM	January 18, 2021	April 24, 2021	✓
11	The Joy of Computing using Python	Prof. Sudarshan Iyengar Prof. Yayati Gupta	IIT Ropar	January 18, 2021	April 24, 2021	✓
12	Discrete Mathematics - IIT Ropar	Prof. Sudarshan Iyengar Prof. Neelchora	IIT Ropar IIT Gandhinagar	January 18, 2021	April 24, 2021	–
13	Computer Organization and Architecture: A Pedagogical Aspect	Prof. Santhosh biswas Prof. Jatindra kumar deka Prof. Arnab sarkar	IITG	January 18, 2021	April 24, 2021	✓
14	Computational Geometry	Prof. Amit Kumar	IITD	January 18, 2021	April 24, 2021	✓
15	Foundations of Cryptography	Prof. Ashish Choudhury	IIIT Bangalore	January 18, 2021	April 24, 2021	✓
16	Operating System	Prof. Sorav Bansal	IITD	January 18, 2021	April 24, 2021	–
17	Data Analytics with Python	Prof. A. Ramesh	IITR	January 18, 2021	April 24, 2021	✓
18	Programming in Java	Prof. Debasis Samanta	IIT KGP	January 18, 2021	April 25, 2021	✓
19	Embedded Systems Design	Prof. Anupam Basu	IIT KGP	January 18, 2021	April 25, 2021	–
20	VLSI Physical Design	Prof. Indrani Sengupta	IIT KGP	January 18, 2021	April 25, 2021	✓
21	Introduction to Automata, Languages and Computation	Prof. Sourav Mukhopadhyay	IIT KGP	January 18, 2021	April 25, 2021	✓
22	Introduction to Industry 4.0 and Industrial Internet of Things	Prof. Sudip Misra	IIT KGP	January 18, 2021	April 25, 2021	✓
23	Introduction to Machine Learning	Prof. Balaraman Ravindran	IITM	January 18, 2021	April 25, 2021	✓
24	Social Networks	Prof. Sudarshan Iyengar	IIT Ropar	January 18, 2021	April 25, 2021	✓
25	Deep Learning - IIT Ropar	Prof. Sudarshan Iyengar	IIT Ropar	January 18, 2021	April 25, 2021	✓
26	Discrete Mathematics - IIITB	Prof. Ashish Choudhury	IIIT Bangalore	January 18, 2021	April 25, 2021	✓
27	An Introduction to Programming Through C++	Prof. Abhiram G. Ranade	IITB	January 18, 2021	April 25, 2021	–
28	Computer Architecture	Prof. Smruti Ranjan Sarangi	IITD	January 18, 2021	April 25, 2021	–
29	An Introduction to Artificial Intelligence	Prof. Mausam	IITD	January 18, 2021	April 25, 2021	✓
30	GPU Architectures and Programming	Prof. Soumyajit Dey	IIT KGP	January 18, 2021	April 25, 2021	✓
31	Computational Complexity Theory	Prof. Raghunath Tewari	IITK	January 18, 2021	April 25, 2021	✓
32	Introduction to Database Systems	Prof. Sreenivasa Kumar	IITM	January 18, 2021	April 25, 2021	–
33	Randomized Methods in Complexity	Prof. Nitin Saxena	IITK	January 18, 2021	April 25, 2021	✓
34	Programming in C++	Prof. Partha Pratim Das	IIT KGP	January 18, 2021	March 21, 2021	✓
35	Data Base Management System	Prof. Partha Pratim Das Prof. Samiran Chattopadhyay	IIT KGP	January 18, 2021	March 21, 2021	✓
36	Embedded System Design with ARM	Prof. Indrani Sengupta Prof. Kamalika Datta	IIT KGP	January 18, 2021	March 21, 2021	✓
37	Introduction to Soft Computing	Prof. Debasis Samanta	IIT KGP	January 18, 2021	March 21, 2021	✓
38	Cloud Computing and Distributed Systems	Prof. Rajiv Misra	IITP	January 18, 2021	March 21, 2021	✓
39	Programming, Data Structures And Algorithms Using Python	Prof. Madhavan Mukund	CMI	January 18, 2021	March 21, 2021	✓
40	Design and analysis of algorithms	Prof. Madhavan Mukund	CMI	January 18, 2021	March 21, 2021	✓
41	Data Science for Engineers	Prof. Raghunathan Rengaswamy Prof. Shankar Narasimhan	IITM	January 18, 2021	March 21, 2021	✓
42	AI: Constraint Satisfaction	Prof. Deepak Khemani	IITM	January 18, 2021	March 21, 2021	✓
43	Information Security - 5 - Secure Systems Engineering	Prof. Chester Rebeiro	IITM	January 18, 2021	March 21, 2021	✓
44	User-centric Computing for Human-Computer Interaction	Prof. Samit Bhattacharya	IITG	January 18, 2021	March 21, 2021	✓
45	Data Mining	Prof. Pabitra Mitra	IIT KGP	February 15, 2021	April 24, 2021	✓
46	Advanced Graph Theory	Prof. Rajiv Misra	IITP	February 15, 2021	April 24, 2021	✓
47	Cloud computing	Prof. Soumya Kanti Ghosh	IIT KGP	February 15, 2021	April 25, 2021	✓
48	Advanced Computer Architecture	Prof. John Jose	IITG	February 15, 2021	April 25, 2021	✓
49	Machine Learning, ML	Prof. Carl Gustaf Jansson	KTH Royal Institute of Technology, Sweden	February 15, 2021	April 25, 2021	✓
50	Software Testing	Prof. Rajib Mall	IIT KGP	January 18, 2021	March 21, 2021	✓
51	Python for Data Science	Prof. Raghunathan Rengaswamy	IITM	January 18, 2021	March 21, 2021	✓
52	Introduction to Parallel Programming in OpenMP	Prof. Yogish Sabharwal	IITD	January 18, 2021	March 21, 2021	✓
53	Real Time Operating System	Prof. Rajib Mall	IIT KGP	February 15, 2021	April 24, 2021	✓