

Seq	Course Id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	Is this an FDP course?
1	noc19-ae05	Aerospace Engineering	Introduction to Aerospace Engineering	Prof. Rajkumar Pant	IITB	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
2	noc19-ae06	Aerospace Engineering	Design of fixed wing Unmanned Aerial Vehicles	Prof. Saderla Subrahmanyam	IITK	8 weeks	Rerun	26-Aug-19	18-Oct-19	17 November 2019	Yes
3	noc19-ae07	Aerospace Engineering	Introduction to Ancient Indian Technology	Prof. D.P.Mishra	IITK	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
4	noc19-ae08	Aerospace Engineering	Introduction to Rocket Propulsion	Prof.D.P. Mishra	IITK	12 weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
5	noc19-ae09	Aerospace Engineering	Vibration and Structural Dynamics	Prof. Mira Mitra	IITKGP	8 weeks	New	26-Aug-19	18-Oct-19	17 November 2019	
6	noc19-ae10	Aerospace Engineering	Aircraft Stability And Control	Prof. A.K. Ghosh	IITK	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	
7	noc19-ag01	Agriculture and Food Engineering	Farm Machinery	Prof. VK Tewari	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	
8	noc19-ag02	Agriculture and Food Engineering	Fundamentals of Food Process Engineering	Prof. Jayeeta Mitra	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	
9	noc19-ag03	Agriculture and Food Engineering	Irrigation and Drainage	Prof. Damodhara Rao Mailapalli	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	
10	noc19-ag04	Agriculture and Food Engineering	Organic Farming for Sustainable Agricultural Production	Prof. Dilip Kumar Swain	IITKGP	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
11	noc19-ag05	Agriculture and Food Engineering	Dairy and Food process and products technology	Prof. Tridib Kumar Goswami	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
12	noc19-ag06	Agriculture and Food Engineering	Thermal Operations in Food Process Engineering: Theory and Applications	Prof. Tridib Kumar Goswami	IITKGP	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	Yes
13	noc19-ag07	Agriculture and Food Engineering	Thermal Processing of Foods	Prof. R. Anandalakshmi	IITG	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
14	noc19-ar11	Architecture	Architectural Acoustics	Prof. Sumana Gupta and Prof. Sankha	IITKGP	8 weeks	Rerun	26-Aug-19	18-Oct-19	16 November 2019	
15	noc19-ar12	Architecture	Disaster Recovery And Build Back Better	Prof. Ram Sateesh Pasupuleti & Prof.	IITR	8 weeks	New	26-Aug-19	18-Oct-19	17 November 2019	Yes
16	noc19-ar13	Architecture	Culturally Responsive Built Environments	Prof. Ram Sateesh Pasupuleti	IITR	8 weeks	Rerun	26-Aug-19	18-Oct-19	17 November 2019	Yes
17	noc19-ar14	Architecture	Contemporary Architecture and Design	Prof. Saptarshi Kolay	IITR	8 weeks	Rerun	26-Aug-19	18-Oct-19	16 November 2019	Yes
18	noc19-ar15	Architecture	Role of Craft and Technology in Interior - Architecture	Prof. Smriti Saraswat	IITR	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes

Seq	Course Id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	Is this an FDP course?
19	noc19-bt15	Biotechnology & Bioengineering	Genetic Engineering: Theory and Application	Prof. Vishal Trivedi	IITG	12 weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
20	noc19-bt16	Biotechnology & Bioengineering	Bioenergy	Prof. Mainak Das	IITK	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
21	noc19-bt17	Biotechnology & Bioengineering	Plant Developmental Biology	Prof. Shri Ram Yadav	IITR	4 weeks	New	26-Aug-19	20-Sep-19	17 November 2019	Yes
22	noc19-bt18	Biotechnology & Bioengineering	Plant Cell Bioprocessing	Prof. Smita Srivastava	IITM	8 weeks	New	26-Aug-19	18-Oct-19	17 November 2019	
23	noc19-bt19	Biotechnology & Bioengineering	Introduction to Biostatistics	Prof. Shamik Sen	IITB	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
24	noc19-bt20	Biotechnology & Bioengineering	Industrial Biotechnology	Prof. Debabrata Das	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	
25	noc19-bt21	Biotechnology & Bioengineering	Nanotechnology in Agriculture	Prof. Mainak Das	IITK	8 weeks	Rerun	26-Aug-19	18-Oct-19	16 November 2019	Yes
26	noc19-bt22	Biotechnology & Bioengineering	Computer Aided Drug Design	Prof. Mukesh Doble	IITM	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
27	noc19-bt23	Biotechnology & Bioengineering	Drug Delivery: Principles and Engineering	Rachit Agarwal	IISc	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
28	noc19-bt24	Biotechnology & Bioengineering	Functional Genomics	Prof. S. Ganesh	IITK	4 weeks	Rerun	26-Aug-19	20-Sep-19	17 November 2019	Yes
29	noc19-bt25	Biotechnology & Bioengineering	Introduction To Proteomics	Prof. Sanjeeva Srivastava	IITB	8 weeks	Rerun	26-Aug-19	18-Oct-19	16 November 2019	Yes
30	noc19-bt26	Biotechnology & Bioengineering	Introduction to Proteogenomics	Prof. Sanjeeva Srivastava	IITB	12 weeks	New	29-Jul-19	18-Oct-19	17 November 2019	Yes
31	noc19-bt27	Biotechnology & Bioengineering	Biomicrofluidics	Prof. Tapas Kumar Maiti & Prof. Suman Ghosh	IITKGP	4 Weeks	Rerun	26-Aug-19	20-Sep-19	17 November 2019	Yes
32	noc19-bt28	Biotechnology & Bioengineering	Biomedical nanotechnology	Prof. P. Gopinath	IITR	4 weeks	Rerun	26-Aug-19	20-Sep-19	16 November 2019	Yes
33	noc19-bt29	Biotechnology & Bioengineering	Fundamentals of micro and nanofabrication	Prof Sushobhan Avasti Prof. Shankar Selvaraja	IISc	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	Yes
34	noc19-bt30	Biotechnology & Bioengineering	Introduction to Mechanobiology	Prof. Shamik Sen	IITB	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	
35	noc19-bt31	Biotechnology & Bioengineering	Principles Of Downstream Techniques In Bioprocess	Prof. Mukesh Doble	IITM	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
36	noc19-bt32	Biotechnology & Bioengineering	WildLife Conservation	Prof. Ankur Awadhiya	IITK	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	

Seq	Course Id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	Is this an FDP course?
37	noc19-bt33	Biotechnology & Bioengineering	Tissue engineering	Prof. Vignesh Muthuvijayan	IITM	8 weeks	New	26-Aug-19	18-Oct-19	16 November 2019	Yes
38	noc19-ch17	Chemical Engineering	Chemical Engineering Thermodynamics	Prof. Jayant K. Singh	IITK	12 weeks	New	29-Jul-19	18-Oct-19	16 November 2019	
39	noc19-ch18	Chemical Engineering	Chemical Process Intensification	Prof. Subrata Kumar Majumder	IITG	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
40	noc19-ch19	Chemical Engineering	Chemical Process Safety	Prof. Shishir Sinha	IITR	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
41	noc19-ch20	Chemical Engineering	Chemical Reaction Engineering-I	Prof. Bishnupada Mandal	IITG	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
42	noc19-ch21	Chemical Engineering	Flow through porous media	Prof. Somenath Ganguly	IITKGP	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
43	noc19-ch22	Chemical Engineering	Fluid and Particle Mechanics	Prof. Sumesh & Prof. Basavaraju	IITM	12 weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
44	noc19-ch23	Chemical Engineering	Heat Transfer	Prof. Sunando Dasgupta	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	
45	noc19-ch24	Chemical Engineering	Natural Gas Engineering	Prof. Pankaj Tiwari	IITG	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
46	noc19-ch25	Chemical Engineering	Phase Equilibrium Thermodynamics	Prof. Gargi Das	IITKGP	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	
47	noc19-ch26	Chemical Engineering	Technologies For Clean And Renewable Energy Production	Prof. P. Mondal	IITR	8 weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
48	noc19-ch27	Chemical Engineering	Continuum Mechanics and Transport Phenomena	Prof. T. Renganathan	IITM	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
49	noc19-ch28	Chemical Engineering	Introduction to Polymer Physics	Prof. Prateek Kumar Jha	IITR	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
50	noc19-ch29	Chemical Engineering	Fundamentals of Particle and Fluid Solid Processing	Prof. Arnab Atta	IITKGP	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	
51	noc19-ch30	Chemical Engineering	Unit operations of particulate matter	Prof. Shabina Khanam	IITR	4 weeks	Rerun	29-Jul-19	23-Aug-19	29 September 2019	
52	noc19-ch31	Chemical Engineering	Mass Transfer Operations II	Prof. Chandan Das	IITG	12 weeks	New	29-Jul-19	18-Oct-19	16 November 2019	
53	noc19-ch32	Chemical Engineering	Mechanical Unit Operations	Prof. Nanda Kishore	IITG	12 weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
54	noc19-ee66	Chemical Engineering	Infrared Spectroscopy for Pollution Monitoring	Prof. J R Mudakavi	IISc	4 Weeks	Rerun	29-Jul-19	23-Aug-19	29 September 2019	Yes

Seq	Course Id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	Is this an FDP course?
55	noc19-cy18	Chemistry and Biochemistry	Analytical Chemistry	Prof. Debashis Ray	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
56	noc19-cy19	Chemistry and Biochemistry	Coordination Chemistry	Prof. Debashis Ray	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
57	noc19-cy20	Chemistry and Biochemistry	Introductory Organic Chemistry I	Prof. Neeraja Dashaputre	IISER Pune	8 weeks	New	26-Aug-19	18-Oct-19	17 November 2019	
58	noc19-cy21	Chemistry and Biochemistry	Mechanisms in Organic Chemistry	Prof. Nandita Madhavan	IITB	8 weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
59	noc19-cy22	Chemistry and Biochemistry	Organic Chemistry in Biology and Drug Development.	Prof. Amit Basak	IITKGP	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	
60	noc19-cy23	Chemistry and Biochemistry	Principles Of Organic Synthesis	Prof. T Punniyamurthy	IITG	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
61	noc19-cy24	Chemistry and Biochemistry	Reagents In Organic Synthesis	Prof. Subhas Chandra Pan	IITG	12 Weeks	New	29-Jul-19	18-Oct-19	16-Nov-19	Yes
62	noc19-cy25	Chemistry and Biochemistry	Stereochemistry	Prof. Amit Basak	IITKGP	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	
63	noc19-cy26	Chemistry and Biochemistry	Bioinorganic Chemistry	Prof. S. P. Rath	IITK	4 Weeks	New	26-Aug-19	20-Sep-19	16 November 2019	Yes
64	noc19-cy27	Chemistry and Biochemistry	Metals In Biology	Prof. D. Maiti	IITB	8 Weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
65	noc19-cy28	Chemistry and Biochemistry	Ultrafast Optics and Spectroscopy	Prof. Atanu Bhattacharya	IISc	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	Yes
66	noc19-cy29	Chemistry and Biochemistry	Spectroscopic Techniques for Pharmaceutical and Biopharmaceutical	Prof. Shashank Deep	IITD	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
67	noc19-cy30	Chemistry and Biochemistry	NMR spectroscopy for Chemists and Biologists	Prof. Ashutosh Kumar and Prof. R. V Hosur	IITB	12 weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
68	noc19-cy31	Chemistry and Biochemistry	Quantum Computing	Prof. Debabrata Goswami	IITK	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
69	noc19-cy32	Chemistry and Biochemistry	Thermodynamics: classical to statistical	Prof. Sandip Paul	IITG	12 weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
70	noc19-cy33	Chemistry and Biochemistry	Introductory Non-Linear Dynamics	Prof. Ramakrishna Ramaswamy	IITD	4 weeks	New	26-Aug-19	20-Sep-19	17 November 2019	Yes
71	noc19-cy34	Chemistry and Biochemistry	Biophysical chemistry	Prof. Pramit Kumar Chowdhury	IITD	12 weeks	Repurp	29-Jul-19	18-Oct-19	17 November 2019	Yes
72	noc19-cy35	Chemistry and Biochemistry	Chemical Crystallography	Prof. Angshuman Roy Choudhury	IISER Mohali	12 weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes

Seq	Course Id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	Is this an FDP course?
73	noc19-ce18	Civil Engineering	Strength of Materials	Prof. Sriman Kumar Bhattacharyya	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	
74	noc19-ce19	Civil Engineering	Foundation Engineering	Prof. Kousik Deb	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	
75	noc19-ce20	Civil Engineering	Concrete Technology	Prof. B Bhattacharjee	IITD	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
76	noc19-ce21	Civil Engineering	Design of Masonry Structures	Prof. Arun Menon	IITM	12 weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
77	noc19-ce22	Civil Engineering	Design of Reinforced Concrete Structures	Prof. Nirjhar Dhang	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
78	noc19-ce23	Civil Engineering	Reinforced Concrete Road Bridges	Prof. Nirjhar Dhang	IITKGP	4 Weeks	Rerun	26-Aug-19	20-Sep-19	16 November 2019	Yes
79	noc19-ce24	Civil Engineering	Scheduling Techniques in Projects	Prof. J. Uma Maheswari	IITD	4 Weeks	New	26-Aug-19	20-Sep-19	16 November 2019	Yes
80	noc19-ce25	Civil Engineering	Design of steel structures	Prof. Damodar Maiti	IITKGP	12 weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	
81	noc19-ce26	Civil Engineering	Structural analysis-I	Prof. Amit Shaw	IITKGP	12 weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	
82	noc19-ce27	Civil Engineering	Structural Dynamics for Civil Engineers – SDOF systems	Prof. Riya Catherine George	IITK	4 weeks	New	26-Aug-19	20-Sep-19	17 November 2019	Yes
83	noc19-ce28	Civil Engineering	Fluid Mechanics	Prof. Subashisa Dutta	IITG	8 weeks	New	26-Aug-19	18-Oct-19	16 November 2019	
84	noc19-ce29	Civil Engineering	Principles of Construction Management	Prof. Sudhir Misra	IITK	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	
85	noc19-ce30	Civil Engineering	Project Planning & Control	Prof. Koshy Varghese	IITM	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	
86	noc19-ce31	Civil Engineering	Integrated Waste Management for a Smart City	Prof. Brajesh Kumar Dubey	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
87	noc19-ce32	Civil Engineering	Wastewater Treatment and Recycling	Prof. Manoj Kumar Tiwari	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
88	noc19-ce33	Civil Engineering	Matrix Method of Structural Analysis	Prof. Amit Shaw & Prof Biswanath	IITKGP	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	
89	noc19-ce34	Civil Engineering	Photogeology in Terrain Evaluation (Part-1 and 2)	Prof. Javed N. Malik	IITK	8 weeks	Rerun	26-Aug-19	18-Oct-19	17 November 2019	Yes
90	noc19-ce35	Civil Engineering	Geosynthetics Testing Laboratory	Prof. J. N. Mandal	IITB	4 Weeks	Rerun	29-Jul-19	23-Aug-19	29 September 2019	Yes

Seq	Course Id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	Is this an FDP course?
91	noc19-ce36	Civil Engineering	Geotechnical Engineering Laboratory	Prof. J. N. Mandal	IITB	4 weeks	Rerun	29-Jul-19	23-Aug-19	29 September 2019	Yes
92	noc19-ce37	Civil Engineering	Environmental Geotechnics	Prof. D. N. Singh	IITB	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
93	noc19-ce38	Civil Engineering	Remote Sensing and Digital Image Processing of Satellite Data	Prof. Arun K. Saraf	IITR	8 weeks	Rerun	26-Aug-19	18-Oct-19	16 November 2019	Yes
94	noc19-ce39	Civil Engineering	GPS Surveying	Prof. Jayanta Kumar Ghosh	IITR	4 Weeks	Rerun	29-Jul-19	23-Aug-19	29 September 2019	
95	noc19-ce40	Civil Engineering	Sustainable Materials and Green Buildings	Prof. B Bhattacharjee	IITD	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
96	noc19-ce41	Civil Engineering	Remote Sensing and GIS	Prof. Rishikesh Bharti	IITG	8 weeks	New	26-Aug-19	18-Oct-19	17 November 2019	Yes
97	noc19-ce42	Civil Engineering	Glass In Buildings : Design And Applications	Prof. K N Satyanarayana & P. S. R. Prasad	IITM & Glass	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
98	noc19-ce43	Civil Engineering	Glass Processing Technology	Prof. K N Satyanarayana & P. S. R. Prasad	IITM & Glass	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
99	noc19-ce44	Civil Engineering	Advanced Concrete Technology	Prof. Manu Santhanam	IITM	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
100	noc19-ce45	Earth Sciences	Global Navigation Satellite Systems And Applications	Prof. Arun K. Saraf	IITR	4 weeks	New	29-Jul-19	23-Aug-19	29 September 2019	Yes
101	noc19-ce46	Earth Sciences	Geomorphic Processes: Landforms and Landscapes	Prof. Javed N. Malik	IITK	8 weeks	New	26-Aug-19	18-Oct-19	17 November 2019	
102	noc19-ce47	Earth Sciences	Structural Geology	Prof. Santanu Misra	IITK	12 weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
103	noc19-cs38	Computer Science and Engineering	Programming in C++	Prof. Partha Pratim Das	IITKGP	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
104	noc19-cs39	Computer Science and Engineering	An Introduction To Programming Through C++	Prof. Abhiram Ranade	IITB	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
105	noc19-cs40	Computer Science and Engineering	Programming, Data Structures And Algorithms Using Python	Prof. Madhavan Mukund	CMI	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
106	noc19-cs41	Computer Science and Engineering	The Joy of Computing using Python	Prof. Sudarshan Iyengar	IITRopar	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
107	noc19-cs42	Computer Science and Engineering	Introduction to Programming in C	Prof. Satyadev Nandakumar	IITK	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
108	noc19-cs43	Computer Science and Engineering	Problem Solving through Programming in C	Prof. Anupam Basu	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes

Seq	Course Id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	Is this an FDP course?
109	noc19-cs44	Computer Science and Engineering	C Programming and Assembly Language	Prof. Janakiraman Viraraghavan	IITM	4 Weeks	New	29-Jul-19	23-Aug-19	29 September 2019	Yes
110	noc19-cs45	Computer Science and Engineering	Introduction to parallel Programming in Open MP	Prof. Yogish Sabharwal	IITD	4 Weeks	Rerun	26-Aug-19	20-Sep-19	17 November 2019	Yes
111	noc19-cs46	Computer Science and Engineering	Data Base Management System	Prof. Partha Pratim Das	IITKGP	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	
112	noc19-cs47	Computer Science and Engineering	Design and analysis of algorithms	Prof. Madhavan Mukund	CMI	8 weeks	Rerun	26-Aug-19	18-Oct-19	17 November 2019	Yes
113	noc19-cs48	Computer Science and Engineering	Object oriented analysis and design	Prof. Partha Pratim Das	IITKGP	8 weeks	Rerun	26-Aug-19	18-Oct-19	16 November 2019	Yes
114	noc19-cs49	Computer Science and Engineering	Discrete Mathematics	Prof. Sajith Gopalan, Prof. Benny George K	IITG	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
115	noc19-cs50	Computer Science and Engineering	Introduction to Operating Systems	Prof. Chester Rebeiro	IITM	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	
116	noc19-cs51	Computer Science and Engineering	Operating System Fundamentals	Prof. Santanu Chattopadhyay	IITKGP	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
117	noc19-cs52	Computer Science and Engineering	Introduction to Machine Learning	Prof. Sudeshna Sarkar	IITKGP	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
118	noc19-cs53	Computer Science and Engineering	Introduction to Machine Learning	Prof. Balaraman Ravindran	IIT Madras	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
119	noc19-cs54	Computer Science and Engineering	Deep Learning	Prof. Prabir Kumar Biswas	IITKGP	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
120	noc19-cs55	Computer Science and Engineering	Reinforcement Learning	Prof. Balaraman Ravindran	IIT Madras	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
121	noc19-cs56	Computer Science and Engineering	Natural Language Processing	Prof. Pawan Goyal	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
122	noc19-cs57	Computer Science and Engineering	Applied Natural Language Processing	Prof. Ramaseshan R	CMI	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
123	noc19-cs58	Computer Science and Engineering	Computer Vision	Prof. Jayanta Mukhopadhyay	IITKGP	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
124	noc19-cs59	Computer Science and Engineering	Python for Data Science	Prof. Raghunathan Rengasamy	IIT Madras	4 Weeks	New	26-Aug-19	20-Sep-19	16 November 2019	Yes
125	noc19-cs60	Computer Science and Engineering	Data Science for Engineers	Prof. Ragnathan Rengasamy and Prof.	IIT Madras	8 Weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
126	noc19-cs61	Computer Science and Engineering	Scalable Data Science	Prof. Anirban Dasgupta and Prof. Sourangshu	IITKGP	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes

Seq	Course Id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	Is this an FDP course?
127	noc19-cs62	Computer Science and Engineering	Advanced Computer Architecture	Prof. John Jose	IITG	8 weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
128	noc19-cs63	Computer Science and Engineering	Blockchain Architecture Design and Use Cases	Prof. Sandip Chakraborty & Prof. P. S. S. S.	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
129	noc19-cs64	Computer Science and Engineering	Cloud Computing	Prof. Soumya Kanti Ghosh	IITKGP	8 weeks	Rerun	26-Aug-19	18-Oct-19	16 November 2019	Yes
130	noc19-cs65	Computer Science and Engineering	Introduction to Internet of Things	Prof. Sudip Misra	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
131	noc19-cs66	Computer Science and Engineering	Social Networks	Prof. Poonam Saini Prof. Sudarshan Iyengar	Punjab Engineering College	12 weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
132	noc19-cs67	Computer Science and Engineering	Discrete Mathematics	Prof. Sudarshan Iyengar	IITRopar	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	
133	noc19-cs68	Computer Science and Engineering	Ethical Hacking	Prof. Indranil Sengupta Prof. S. K. Ghosh	IITKGP	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
134	noc19-cs69	Computer Science and Engineering	Software Engineering	Prof. Rajib Mall	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
135	noc19-cs70	Computer Science and Engineering	Software Project Management	Prof. Rajib Mall and Prof. Durga Prasad	IITKGP	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
136	noc19-cs71	Computer Science and Engineering	Software testing	Prof. Meenakshi D'souza	IIITB	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
137	noc19-cs72	Computer Science and Engineering	Hardware modeling using verilog	Prof. Indranil Sengupta	IITKGP	8 Weeks	Rerun	26-Aug-19	18-Oct-19	16 November 2019	Yes
138	noc19-cs73	Computer Science and Engineering	Synthesis of Digital Systems	Prof. Preeti Ranjan Panda	IITD	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
139	noc19-cs74	Computer Science and Engineering	Switching Circuits and Logic Design	Prof. Indranil Sengupta	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
140	noc19-cs75	Computer Science and Engineering	Demystifying networking	Prof. Sridhar Iyer	IITB	4 Weeks	New	29-Jul-19	23-Aug-19	29 September 2019	Yes
141	noc19-cs76	Computer Science and Engineering	Spatial Informatics	Prof. Soumya K Ghosh	IITKGP	8 weeks	New	26-Aug-19	18-Oct-19	17 November 2019	Yes
142	noc19-cs78	Computer Science and Engineering	Modern Algebra	Prof. Manindra Agrawal	IITK	8 weeks	Rerun	26-Aug-19	18-Oct-19	17 November 2019	Yes
143	noc19-cs79	Computer Science and Engineering	Theory of Computation	Prof. Raghunath Tewari	IITK	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
144	noc19-cs80	Computer Science and Engineering	Introduction To Haskell Programming	Prof. Madhavan Mukund	CMI	8 weeks	Rerun	26-Aug-19	18-Oct-19	16 November 2019	Yes

Seq	Course Id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	Is this an FDP course?
145	noc19-cs81	Computer Science and Engineering	Practical Machine Learning with Tensorflow	Prof. Ashish Tendulkar Prof. B. Ravindran	IITM & Google	8 weeks	New	26-Aug-19	18-Oct-19	16 November 2019	Yes
146	noc19-cs82	Computer Science and Engineering	Machine Learning for Engineering and Science Applications	Prof. Balaji Srinivasan and Prof. Ganapathy	IITM	12 weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
147	noc19-cs83	Computer Science and Engineering	Artificial Intelligence Search Methods For Problem Solving	Prof. Deepak Khemani	IITM	12 weeks	Rerun	29-Jul-2019	18-Oct-19	16 November 2019	Yes
148	noc19-cs84	Computer Science and Engineering	Programming In Java	Prof. Debasis Samanta	IIT Kharagpur	12 weeks	Rerun	29-Jul-2019	18-Oct-19	16 November 2019	Yes
149	noc19-cs85	Computer Science and Engineering	Deep Learning – Part 1	Prof. Mitesh M. Khapra	IITM	12 weeks	Rerun	29-Jul-2019	18-Oct-19	16 November 2019	Yes
150	noc19-cs86	Computer Science & Engineering	Human Computer Interactions	Prof. K.Ponnuram	IIITD	8 weeks	Rerun	26-Aug-19	18-Oct-19	16 November 2019	Yes
151	noc19-de01	Design Engineering	Ergonomics In Automotive Design	Prof. Sougata Karmakar	IITG	4 weeks	New	29-Jul-19	23-Aug-19	29 September 2019	
152	noc19-de02	Design Engineering	Ergonomics Workplace Analysis	Prof. Urmi R. Salve	IITG	4 weeks	New	29-Jul-19	23-Aug-19	29 September 2019	Yes
153	noc19-de03	Design Engineering	System Design for Sustainability	Prof. Sharmistha Banerjee	IITG	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
154	noc19-de04	Design Engineering	Control systems	Prof. C.S.Shankar Ram	IITM	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	
155	noc19-ee70	Electrical Engineering	Mapping Signal Processing Algorithms to Architectures	Prof. Nitin Chandrachoodan	IITM	12 weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
156	noc19-ee34	Electrical Engineering	Introduction to Computer Vision	Prof. Brejesh Lall	IITD	12 weeks	New	29-Jul-19	18-Oct-19	17 November 2019	Yes
157	noc19-ee35	Electrical Engineering	Fundamentals of Electrical Engineering	Prof. Debapriya Das	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	
158	noc19-ee36	Electrical Engineering	Basic Electric Circuits	Prof. Ankush Sharma	IITK	12 weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
159	noc19-ee37	Electrical Engineering	Power Electronics	Prof. G.Bhuvaneshwari	IITD	12 weeks	New	29-Jul-19	18-Oct-19	16 November 2019	
160	noc19-ee38	Electrical Engineering	Analog Electronic Circuit	Prof. Shouribrata chatterjee	IITD	12 weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	
161	noc19-ee39	Electrical Engineering	Op-Amp Practical Applications: Design, Simulation and Implementation	Prof. Hardik J Pandya Prof Chandramani	IISc	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
162	noc19-ee40	Electrical Engineering	Fabrication Techniques for MEMS- based sensors: clinical Perspective	Prof. Hardik J Pandya Prof Chandramani	IISc	12 Weeks	Rerun	29-Jul-19	18-Oct	16 November 2019	Yes

Seq	Course Id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	Is this an FDP course?
163	noc19-ee41	Electrical Engineering	Sensors and Actuators	Prof. Hardik J Pandya	IISc	12 Weeks	New	29-Jul-19	18-Oct	16 November 2019	Yes
164	noc19-ee42	Electrical Engineering	Control engineering	Prof.Ramkrishna Pasumarthy	IIT Madras	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	yes
165	noc19-ee43	Electrical Engineering	Linear System Theory	Prof. Ramakrishna Pasumarthy	IITM	12 weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
166	noc19-ee44	Electrical Engineering	Electrical Measurement and Electronic Instruments	Prof. Avishek Chatterjee	IITKGP	12 Weeks	New	29-Jul-19	18-Oct	16 November 2019	
167	noc19-ee45	Electrical Engineering	Advanced Linear Continuous Control Systems: Applications with MATLAB	Prof. Yogesh Vijay Hote	IITR	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
168	noc19-ee46	Electrical Engineering	Analog Communication	Prof. Goutam Das	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	
169	noc19-ee47	Electrical Engineering	Principles of Communication Systems - Part II	Prof. Aditya K. Jagannatham	IITK	8 weeks	Rerun	26-Aug-19	18-Oct-19	16 November 2019	
170	noc19-ee48	Electrical Engineering	Introduction to Wireless and Cellular Communications	Prof. David Koilpillai	IITM	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
171	noc19-ee49	Electrical Engineering	Principles of Modern CDMA/ MIMO/ OFDM Wireless Communications	Prof. Aditya K. Jagannatham	IITK	8 weeks	Rerun	26-Aug-19	18-Oct-19	17 November 2019	
172	noc19-ee50	Electrical Engineering	Digital Signal Processing	Prof. C.S.Ramalingam	IITM	12 weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
173	noc19-ee51	Electrical Engineering	Digital Circuits	Prof. Santanu Chattopadhyay	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	
174	noc19-ee52	Electrical Engineering	Digital Switching - I	Prof. Y.N.Singh	IITK	8 weeks	Rerun	26-Aug-19	18-Oct-19	16 November 2019	Yes
175	noc19-ee53	Electrical Engineering	Neural Networks for Signal Processing – I	Prof. Shayan Srinivasa Garani	IISc	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	Yes
176	noc19-ee54	Electrical Engineering	Microelectronics: Devices To Circuits	Prof. Sudeb Dasgupta	IITR	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	Yes
177	noc19-ee55	Electrical Engineering	Digital Image Processing	Prof. Prabir Kumar Biswas	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
178	noc19-ee56	Electrical Engineering	Pattern Recognition and Application	Prof. Prabir Kumar Biswas	IITKGP	12 Weeks	Repurp	29-Jul-19	18-Oct-19	16 November 2019	Yes
179	noc19-ee57	Electrical Engineering	Microwave Theory and Techniques	Prof. Girish Kumar	IITB	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
180	noc19-ee58	Electrical Engineering	Principles and Techniques of Modern Radar Systems	Prof. Amitabha Bhattacharya	IITKGP	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes

Seq	Course Id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	Is this an FDP course?
181	noc19-ee59	Electrical Engineering	Computational Electromagnetics	Prof. Uday Khankhoje	IITM	12 weeks	New	29-Jul-19	18-Oct	17 November 2019	Yes
182	noc19-ee60	Electrical Engineering	Electrical Machines - I	Prof. Tapas Kumar Bhattacharya	IITKGP	12 weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
183	noc19-ee61	Electrical Engineering	Electrical Distribution System Analysis	Prof. G. B. Kumbhar	IITR	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
184	noc19-ee62	Electrical Engineering	Power System Analysis	Prof. Debapriya Das	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
185	noc19-ee63	Electrical Engineering	DC Microgrid	Prof. Avik Bhattacharya	IITR	8 weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
186	noc19-ee64	Electrical Engineering	Introduction to Smart Grid	Prof. N.P. Padhy & Prof. Premalata Jena	IITR	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
187	noc19-ee65	Electrical Engineering	Fundamentals of Electric Drives	Prof. Shyama Prasad Das	IITK	8 weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
188	noc19-ee67	Electrical Engineering	Fiber-Optic Communication Systems and Techniques	Prof. K. Pradeep Kumar	IITK	12 weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
189	noc19-ee68	Electrical Engineering	Microwave Engineering	Prof. Ratnajit Bhattacharjee	IITG	12 weeks	New	29-Jul-19	18-Oct-19	16 November 2019	
190	noc19-ee69	Electrical Engineering	Electrical Machines	Prof. G.Bhuvaneshwari	IITD	12 weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
191	noc19-hs31	Humanities and Social Sciences	Technical english for engineers	Prof. Aysha Iqbal	IITM	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
192	noc19-hs32	Humanities and Social Sciences	Developing Soft Skills and Personality	Prof. T Ravichandran	IITK	8 weeks	Rerun	26-Aug-19	18-Oct-19	17 November 2019	Yes
193	noc19-hs33	Humanities and Social Sciences	Soft skills	Prof. Binod Mishra	IITR	12 weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
194	noc19-hs34	Humanities and Social Sciences	Body language: Key to professional Success	Prof. Rashmi Gaur	IITR	4 Weeks	New	29-Jul-19	23-Aug-19	29 September 2019	Yes
195	noc19-hs35	Humanities and Social Sciences	Ethics in Engineering Practice	Prof. Susmita Mukhopadhyay	IITKGP	8 weeks	Rerun	26-Aug-19	18-Oct-19	17 November 2019	Yes
196	noc19-hs36	Humanities and Social Sciences	Interpersonal Skills	Prof. Smita Jha	IITR	8 Weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
197	noc19-hs37	Humanities and Social Sciences	Appreciating Linguistics: A typological approach	Prof. Anindita	IIT Madras	12 weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
198	noc19-hs38	Humanities and Social Sciences	Artistic Exploration in Scientific Research And Technology	Prof. Bitasta Das	IISc	4 Weeks	New	29-Jul-19	23-Aug-19	29 September 2019	Yes

Seq	Course Id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	Is this an FDP course?
199	noc19-hs39	Humanities and Social Sciences	Population Studies	Prof. A. K. Sharma	IITK	4 weeks	New	26-Aug-19	20-Sep-19	16 November 2019	
200	noc19-hs40	Humanities and Social Sciences	Inclusion and Technology Design	Prof. Bidisha and Prof. Amit Prakash	IITM	4 Weeks	New	26-Aug-19	20-Sep-19	17 November 2019	Yes
201	noc19-hs41	Humanities and Social Sciences	Water, Society and Sustainability	Prof. Jenia Mukherjee	IITKGP	4 Weeks	Rerun	26-Aug-19	20-Sep-19	17 November 2019	Yes
202	noc19-hs42	Humanities and Social Sciences	Energy Economics And Policy	Prof. Shyamasree Dasgupta	IIT Mandi	8 weeks	New	26-Aug-19	18-Oct-19	17 November 2019	Yes
203	noc19-hs44	Humanities and Social Sciences	The Psychology Of Language	Prof. Naveen Kashyap	IITG	8 weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
204	noc19-hs45	Humanities and Social Sciences	Applied Linguistics	Prof. Rajesh Kumar	IITM	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
205	noc19-hs46	Humanities and Social Sciences	History of English Language and Literature	Prof. Merin Simi Raj	IITM	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
206	noc19-hs47	Humanities and Social Sciences	Indian Fiction in English	Prof. Merin Simi Raj	IITM	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
207	noc19-hs48	Humanities and Social Sciences	Short Fiction in Indian Literature	Prof. Divya A	IITM	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
208	noc19-hs49	Humanities and Social Sciences	The Victorian Gothic Short Story	Prof. Divya A	IITM	4 Weeks	New	29-Jul-19	23-Aug-19	29 September 2019	Yes
209	noc19-hs50	Humanities and Social Sciences	German-II	Prof. Milind Brahme	IITM	12 weeks	New	29-Jul-19	18-Oct-19	17 November 2019	Yes
210	noc19-hs51	Humanities and Social Sciences	German-I	Prof. Milind Brahme	IITM	12 weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
211	noc19-hs52	Humanities and Social Sciences	Introduction to Japanese Language and Culture	Prof. Vatsala Misra	IITK	12 weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
212	noc19-hs53	Humanities and Social Sciences	Intermediate Level of Spoken Sanskrit	Prof. Anuradha Choudry	IITKGP	8 weeks	New	26-Aug-19	18-Oct-19	17 November 2019	
213	noc19-hs54	Humanities and Social Sciences	Text, Textuality and Digital Media	Prof. Arjun Ghosh	IITD	12 weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
214	noc19-hs55	Humanities and Social Sciences	Cognition, Transformation and Lives	Prof. Alok Bajpai	IITK	4 weeks	Rerun	29-Jul-19	23-Aug-19	29 September 2019	Yes
215	noc19-hs56	Humanities and Social Sciences	Psychology of Everyday	Prof. Braj Bhushan & Dr. Alok Bajpai	IITK	4 Weeks	New	29-Jul-19	23-Aug-19	29 September 2019	Yes
216	noc19-hs57	Humanities and Social Sciences	Gender Justice and Workplace Security	Prof. Dipa Dube	IITKGP	4 Weeks	Rerun	26-Aug-19	20-Sep-19	16 November 2019	Yes

Seq	Course Id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	Is this an FDP course?
217	noc19-hs58	Humanities and Social Sciences	Disability Studies: an introduction	Prof. Hemachandran Karah	IITM	8 weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
218	noc19-hs59	Humanities and Social Sciences	Development Research Methods	Prof. Rajshree Bedamatta	IITG	8 weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
219	noc19-hs60	Humanities and Social Sciences	Introduction to Film studies	Prof. Aysha Iqbal	IITM	12 weeks	Rerun	29-Jul-19	20-Sep-19	16 November 2019	Yes
220	noc19-hs61	Humanities and Social Sciences	Folk And Minor Art In India	Prof. Shatarupa Thakruta Roy	IITK	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
221	noc19-hs62	Humanities and Social Sciences	Visual Perception and Art: A Survey Across the Cultures	Prof. Soumik Nandy Majumdar	IITK	4 weeks	Rerun	26-Aug-19	20-Sep-19	16 November 2019	Yes
222	noc19-hs63	Humanities and Social Sciences	Positive Psychology	Prof. Kamlesh Singh	IITD	8 weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
223	noc19-hs64	Humanities and Social Sciences	Consumer Psychology	Prof. Naveen Kashyap	IITG	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
224	noc19-hs65	Humanities and Social Sciences	Patent Law For Engineers And Scientists	Prof. Feroze Ali	IITM	12 weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
225	noc19-hs66	Humanities and Social Sciences	Patent Drafting For Beginners	Prof. Feroze Ali	IITM	4 weeks	Rerun	29-Jul-19	23-Aug-19	29 September 2019	Yes
226	noc19-mg30	Management	Project Management	Prof. Raghu Nandan Sengupta	IITK	8 weeks	Rerun	29-Jul-19	20-Sep	29 September 2019	Yes
227	noc19-mg31	Management	Project management for managers	Prof. Mukesh Kumar Barua	IITR	12 weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
228	noc19-mg32	Management	Training Of Trainers	Prof. Santosh Rangnekar	IITR	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	Yes
229	noc19-mg33	Management	Knowledge Management	Prof. K B L Srivastava	IITKGP	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
230	noc19-mg34	Management	Leadership	Prof. Kalyan Chakravarti and Prof. P. K. Sengupta	IITKGP	4 Weeks	Rerun	29-Jul-19	23-Aug-19	29 September 2019	Yes
231	noc19-mg35	Management	Educational Leadership	Prof. Atasi Mohanty	IITKGP	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
232	noc19-mg36	Management	Management Accounting	Prof. Anil K. Sharma	IITR	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
233	noc19-mg37	Management	Financial Accounting	Prof. Varadraj Bapat	IITB	8 weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
234	noc19-mg38	Management	Cost Accounting	Prof. Varadraj Bapat	IITB	4 Weeks	New	29-Jul-19	23-Aug-19	29 September 2019	Yes

Seq	Course Id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	Is this an FDP course?
235	noc19-mg39	Management	Financial Derivatives & Risk Management	Prof. J. P. Singh	IITR	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
236	noc19-mg40	Management	Working Capital Management	Prof. Anil K. Sharma	IITR	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
237	noc19-mg42	Management	Practitioners Course In Descriptive, Predictive And Prescriptive Analytics	Prof. Deepu Philip / Prof. Amandeep Singh	IITK	8 weeks	Rerun	26-Aug-19	18-Oct-19	16 November 2019	Yes
238	noc19-mg43	Management	Decision-Making Under Uncertainty	Prof. N. Gautam	Texas A&M Univ.	4 Weeks	New	26-Aug-19	20-Sep-19	17 November 2019	Yes
239	noc19-mg44	Management	Decision making using financial accounting	Prof. G Arun Kumar	IITM	8 weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
240	noc19-mg45	Management	Data Analysis & Decision Making - III	Prof. Raghu Nandan Sengupta	IITK	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
241	noc19-mg46	Management	Business Analytics & Data Mining Modeling Using R Part II	Prof. Gaurav Dixit	IITR	4 Weeks	Rerun	29-Jul-19	23-Aug-19	29 September 2019	Yes
242	noc19-mg47	Management	Business Analytics & Text Mining Modeling Using Python	Prof. Gaurav Dixit	IITR	8 weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
243	noc19-mg48	Management	Marketing Management-I	Prof. Jayanta Chatterjee / Prof. Shishir K. Ghosh	IITK	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
244	noc19-mg49	Management	Marketing research and analysis	Prof. J.K.Nayak	IITR	8 weeks	Rerun	26-Aug-19	18-Oct-19	17 November 2019	Yes
245	noc19-mg50	Management	Economics of Health and Health Care	Prof. Angan Sengupta	IITK	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
246	noc19-mg51	Management	Human Resource Development	Prof. KBL Srivastava	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
247	noc19-mg52	Management	Performance and Reward Management	Prof. Sushmita Mukhopadhyay	IITKGP	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
248	noc19-mg53	Management	Corporate Social Responsibility	Prof. Aradhna Malik	IITKGP	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
249	noc19-mg54	Management	E-Business	Prof. Mamata Jenamani	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
250	noc19-mg55	Management	Innovation, Business Models and Entrepreneurship	Prof. Rajat Agarwal, Prof. Vinay Sharma	IITR	8 weeks	Rerun	26-Aug-19	18-Oct-19	17 November 2019	Yes
251	noc19-mg56	Management	The Ethical Corporation	Prof. Chhanda Chakraborti	IITKGP	8 weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
252	noc19-mg57	Management	Toyota Production System	Prof. Rajat Agarwal	IITR	8 weeks	New	26-Aug-19	18-Oct-19	16 November 2019	Yes

Seq	Course Id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	Is this an FDP course?
253	noc19-mg58	Management	Intellectual Property Rights and Competition Law	Prof. KD Raju & Prof. Niharika Sahoo	IITKGP	8 weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
254	noc19-mg59	Management	Patent Search for Engineers and Lawyers	Prof. M Padmavati & Prof. Shreya Matilal	IITKGP	8 weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
255	noc19-mg60	Management	Design Thinking - A Primer	Prof. Ashwin Mahalingam	IITM	4 weeks	Rerun	29-Jul-19	23-Aug-19	29 September 2019	Yes
256	noc19-ma18	Mathematics	Calculus of One Real Variable	Prof. Joydeep Dutta	IITK	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	
257	noc19-ma19	Mathematics	Calculus of Several Real Variables	Prof. Joydeep Dutta	IITK	8 weeks	New	26-Aug-19	18-Oct-19	17 November 2019	
258	noc19-ma20	Mathematics	Integral Transforms And Their Applications	Prof. Sarthok Sircar	IITD	12 weeks	New	29-Jul-19	18-Oct-19	17 November 2019	Yes
259	noc19-ma21	Mathematics	Numerical methods	Prof. Ameet Kumar Nayak and Prof. S. K. Gupta	IITR	8 weeks	Rerun	26-Aug-19	18-Oct-19	16 November 2019	
260	noc19-ma22	Mathematics	Higher Engineering Mathematics	Prof. P. N. Agarwal	IITR	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	Yes
261	noc19-ma23	Mathematics	Introduction to Abstract and Linear Algebra	Prof. Sourav Mukhopadhyay	IITKGP	8 weeks	Rerun	26-Aug-19	18-Oct-19	16 November 2019	Yes
262	noc19-ma24	Mathematics	Introduction to Abstract Group Theory	Prof. Krishna Hanumanthu	CMI	8 weeks	Rerun	26-Aug-19	18-Oct-19	16 November 2019	Yes
263	noc19-ma25	Mathematics	Introduction To Rings And Fields	Prof. Krishna Hanumanthu	CMI	8 Weeks	New	26-Aug-19	18-Oct-19	17 November 2019	Yes
264	noc19-ma26	Mathematics	Mathematical Finance	Prof. N. Selvaraju, Prof. Siddhartha Pratim Ghosh	IITG	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
265	noc19-ma27	Mathematics	Mathematical Methods for Boundary Value Problems	Prof. Somnath Bhattacharya	IITKGP	4 Weeks	New	29-Jul-19	23-Aug-19	29 September 2019	Yes
266	noc19-ma28	Mathematics	Matrix Analysis with Applications	Prof. S.K.Gupta, Prof. Sanjeev Kumar	IITR	8 weeks	Rerun	26-Aug-19	18-Oct-19	17 November 2019	Yes
267	noc19-ma29	Mathematics	Operations Research	Prof. Kusumdeep	IITR	8 Weeks	New	29-Jul-19	20-Sep-19	29 September 2019	
268	noc19-ma30	Mathematics	Stochastic Processes	Prof. S Dharmaraja	IITD	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
269	noc19-ma31	Mathematics	Introduction to Fuzzy Set Theory, Arithmetic and Logic	Prof. Niladri Chatterjee	IITD	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
270	noc19-ma32	Mathematics	Regression analysis	Prof. Soumen Maity	IISER PUNE	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes

Seq	Course Id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	Is this an FDP course?
271	noc19-ma33	Mathematics	Introduction to R Software	Prof. Shalabh	IITK	8 Weeks	Rerun	26-Aug-19	18-Oct-19	17 November 2019	
272	noc19-ma34	Mathematics	Introduction to Methods of Applied Mathematics	Prof. Mani Mehra, Prof. Vivek Kumar	IITD	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
273	noc19-me40	Mechanical Engineering	Industrial Safety Engineering	Prof. Jhareswar Maiti	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
274	noc19-me41	Mechanical Engineering	Engineering Mechanics	Prof. K.Ramesh	IITM	12 weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
275	noc19-me42	Mechanical Engineering	Engineering Fracture Mechanics	Prof. K.Ramesh	IITM	12 weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
276	noc19-me43	Mechanical Engineering	Solid Mechanics	Prof. Ajeet Kumar	IITD	12 weeks	New	29-Jul-19	18-Oct-19	16 November 2019	
277	noc19-me44	Mechanical Engineering	Fundamentals of manufacturing processes	Prof. D. K Dwivedi	IITR	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
278	noc19-me45	Mechanical Engineering	Manufacturing Systems Technology Part I & II	Prof. Shantanu Bhattacharya	IITK	12 weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	
279	noc19-me46	Mechanical Engineering	Computer numerical control CNC of machine tools and processes	Prof. Asimava Roy Choudhury	IITKGP	4 Weeks	Rerun	26-Aug-19	20-Sep-19	17 November 2019	
280	noc19-me47	Mechanical Engineering	Mathematical Modeling Of Manufacturing Processes	Prof. Swarup Bag	IITG	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
281	noc19-me48	Mechanical Engineering	Design for Quality, Manufacturing and Assembly	Prof. Palaniappan Ramu	IITM	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
282	noc19-me49	Mechanical Engineering	Design Practice	Prof. Shantanu Bhattacharya	IITK	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
283	noc19-me50	Mechanical Engineering	Work System Design	Prof. Inderdeep Singh	IITR	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
284	noc19-me51	Mechanical Engineering	Product Design Using Value Engineering	Prof. Inderdeep Singh	IITR	4 weeks	New	29-Jul-19	23-Aug-19	29 September 2019	Yes
285	noc19-me52	Mechanical Engineering	Principles of Metal Forming Technology	Prof. Pradeep Kumar Jha	IITR	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
286	noc19-me53	Mechanical Engineering	Advanced Concepts in Fluid Mechanics	Prof. Suman Chakraborty & Prof. A. K. Chakraborty	IITKGP	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	
287	noc19-me54	Mechanical Engineering	Two-Phase flow with phase change in conventional and miniature channels	Prof. Manmohan Pandey	IITG	4 Weeks	New	26-Aug-19	20-Sep-19	17 November 2019	Yes
288	noc19-me55	Mechanical Engineering	Fluid Machines	Prof. Sankar Kumar Som	IITKGP	8 Weeks	Rerun	26-Aug-19	18-Oct-19	16 November 2019	

Seq	Course Id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	Is this an FDP course?
289	noc19-me56	Mechanical Engineering	Concepts of Thermodynamics	Prof. Suman Chakraborty & Prof.	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	
290	noc19-me57	Mechanical Engineering	Applied Thermodynamics For Engineers	Prof.Dipankar N. Basu	IITG	12 Weeks	New	29-Jul-19	18-Oct	16 November 2019	
291	noc19-me58	Mechanical Engineering	Refrigeration and air-conditioning	Prof. Ravi Kumar	IITR	8 Weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	
292	noc19-me59	Mechanical Engineering	Fundamentals of Conduction and Radiation	Prof. Amaresh Dalal Prof. Dipankar N.	IITG	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
293	noc19-me60	Mechanical Engineering	Energy Conservation and Waste Heat Recovery	Prof. Prasanta Kr Das & Prof. Anandaroop	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
294	noc19-me61	Mechanical Engineering	Fundamentals of Gas Dynamics	Prof. Sameen.A	IITM	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	
295	noc19-me62	Mechanical Engineering	Heat Exchangers: Fundamentals and Design Analysis	Prof. Prasanta Kr Das & Prof. Indranil Ghosh	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
296	noc19-me63	Mechanical Engineering	Steam Power Engineering	Prof. Vinayak N. Kulkarni	IITG	8 weeks	New	26-Aug-19	18-Oct-19	16 November 2019	
297	noc19-me64	Mechanical Engineering	Turbulent Combustion: Theory and Modelling	Prof. Ashok De	IITK	12 weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
298	noc19-me65	Mechanical Engineering	Dynamic Behaviour Of Materials	Prof. Prasenjit Khanikar	IITG	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
299	noc19-me66	Mechanical Engineering	Plastic Working Of Metallic Materials	Prof. P.S. Robi	IITG	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
300	noc19-me67	Mechanical Engineering	Manufacturing of Composites	Prof. J. Ramkumar	IITK	8 weeks	Rerun	26-Aug-19	18-Oct-19	17 November 2019	Yes
301	noc19-me68	Mechanical Engineering	Smart Materials and Intelligent System Design	Prof. Bisakh Bhattacharya	IITK	4 weeks	Rerun	29-Jul-19	23-Aug-19	29 September 2019	Yes
302	noc19-me69	Mechanical Engineering	Fundamentals of Surface Engineering: Mechanisms, Processes and Characterizations	Prof. D.K. Dwivedi	IITR	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
303	noc19-me71	Mechanical Engineering	Fundamentals Of Artificial Intelligence	Prof. Shyamanta M. Hazarika	IITG	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
304	noc19-me70	Mechanical Engineering	Engineering Metrology	Prof. J. Ramkumar and Prof. Amandeep Singh	IITK	12 weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
305	noc19-me72	Mechanical Engineering	Noise Management and Control	Prof. Nachiketa Tiwari	IITK	12 weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
306	noc19-me73	Mechanical Engineering	Selection Of Nanomaterials For Energy Harvesting And Storage Application	Prof.Kaushik Pal	IITR	4 weeks	New	29-Jul-19	23-Aug-19	29 September 2019	Yes

Seq	Course Id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	Is this an FDP course?
307	noc19-me74	Mechanical Engineering	Robotics	Prof. DK Pratihari	IITKGP	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
308	noc19-me75	Mechanical Engineering	A short lecture series on contour integration in the complex plane	Prof. Venkata Sonti	IISc	4 Weeks	New	29-Jul-19	23-Aug-19	29 September 2019	Yes
309	noc19-me76	Mechanical Engineering	Aircraft Propulsion	Prof. Vinayak N. Kulkarni	IITG	12 weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
310	noc19-me77	Mechanical Engineering	Convective Heat Transfer	Prof. Saptarshi Basu	IISc	12 weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
311	noc19-me78	Mechanical Engineering	Manufacturing Automation	Prof. Sounak Kumar Choudhury	IITK	4 Weeks	New	29-Jul-19	23-Aug-19	29 September 2019	Yes
312	noc19-mm13	Metallurgical & Materials Engineering	Advanced Materials and Processes	Prof. Jayanta Das	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
313	noc19-mm14	Metallurgical & Materials Engineering	An Introduction to Materials: Nature and Properties (Part 1: Structure of Materials)	Prof. Ashish Garg	IITK	8 weeks	Rerun	26-Aug-19	18-Oct-19	16 November 2019	Yes
314	noc19-mm15	Metallurgical & Materials Engineering	Corrosion - Part II	Prof. Kallol Mondol	IITK	8 weeks	New	26-Aug-19	18-Oct-19	17 November 2019	
315	noc19-mm16	Metallurgical & Materials Engineering	Fundamentals and Applications of Dielectric Ceramics	Prof. Ashish Garg	IITK	8 weeks	New	26-Aug-19	18-Oct-19	16 November 2019	Yes
316	noc19-mm17	Metallurgical & Materials Engineering	Thermo-Mechanical And Thermo-Chemical Processes	Prof. Vivek Pancholi & Prof. S. R. Meka	IITR	8 weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
317	noc19-mm_18	Metallurgical & Materials Engineering	Welding of Advanced High Strength Steels for Automotive Applications.	Prof. Murugaiyan Amirthalingam	IITM	4 weeks	Rerun	29-Jul-19	23-Aug-19	29 September 2019	Yes
318	noc19-mm19	Metallurgical & Materials Engineering	Welding Metallurgy	Prof. Pradeep K. Jha	IITR	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	Yes
319	noc19-mm20	Metallurgical & Materials Engineering	Physics of Materials	Prof. Prathap Haridoss	IITM	12 weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
320	noc19-mm21	Metallurgical & Materials Engineering	Nanotechnology, Science and Applications	Prof. Prathap Haridoss	IITM	8 weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
321	noc19-mm22	Metallurgical & Materials Engineering	Structural Analysis of Nanomaterials	Prof. Kaushik Pal	IITR	4 Weeks	Rerun	29-Jul-19	23-Aug-19	29 September 2019	Yes
322	noc19-mm23	Metallurgical & Materials Engineering	Fundamentals of electronic device fabrication	Prof. Parasuraman Swaminathan	IITM	4 Weeks	New	29-Jul-19	23-Aug-19	29 September 2019	Yes
323	noc19-mm24	Metallurgical & Materials Engineering	Biomaterials for bone tissue engineering applications	Prof. Bikramjit Basu	IISc	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
324	noc19-mm25	Metallurgical & Materials Engineering	Transport Phenomena In Materials	Prof. Gandham Phanikumar	IITM	12 Weeks	rerun 8	29-Jul-19	18-Oct-19	17 November 2019	Yes

Seq	Course Id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	Is this an FDP course?
325	noc19-ge16	Multidisciplinary	Teaching And Learning in General Programs: TALG	Prof. N J Rao	IISc	4 Weeks	New	29-Jul-19	23-Aug-19	29 September 2019	Yes
326	noc19-ge17	Multidisciplinary	TALE 2: Course Design and Instruction of Engineering Course	Prof. N J Rao and Prof K Rajani Kanth	IISc	8 weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
327	noc19-ge18	Multidisciplinary	Accreditation and Outcome based Learning	Prof. AK Ray (Retd.) and Prof. SK Das	IITKGP	8 weeks	New	26-Aug-19	18-Oct-19	17 November 2019	Yes
328	noc19-ge19	Multidisciplinary	Designing Learner-Centric MOOCs	Prof.Sridhar Iyer Prof. Sahana Murthy	IITB	4 Weeks	Rerun	29-Jul-19	23-Aug-19	29 September 2019	Yes
329	noc19-ge20	Multidisciplinary	Introduction To Learning Analytics	Prof. Ramkumar Rajendran	IITB	4 Weeks	New	29-Jul-19	23-Aug-19	29 September 2019	Yes
330	noc19-ge21	Multidisciplinary	Introduction to Research	Prof. Prathap Haridoss	IITM	8 weeks	Rerun	26-Aug-19	18-Oct-19	17 November 2019	Yes
331	noc19-ge22	Multidisciplinary	Introduction to Environmental Engineering and Science - Fundamental and	Prof. Brajesh Kumar Dubey	IITKGP	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
332	noc19-ge23	Multidisciplinary	Ecology and Environment	Prof. Abhijit Deshpande & Prof. R.	IITM	8 weeks	Rerun	26-Aug-19	18-Oct-19	17 November 2019	
333	noc19-ge24	Multidisciplinary	Health Research Fundamentals	Prof. Sanjay Mehendale, Dr. Manoj	NIE	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
334	noc19-ge25	Multidisciplinary	Manage TB	Prof. Mohan Natrajan & Dr. V V Banu Rekha	NIRT	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
335	noc19-ge26	Multidisciplinary	Stress Management	Prof. Rajlakshmi Guha	IITKGP	4 Weeks	Rerun	29-Jul-19	23-Aug-19	29 September 2019	Yes
336	noc19-ge27	Multidisciplinary	Designing learner-centric e-learning in STEM disciplines	Prof. Sahana Murthy	IITB	4 Weeks	New	29-Jul-19	23-Aug-19	29 September 2019	Yes
337	noc19-ge28	Multidisciplinary	Neuroscience of Human Movements	Prof. Varadhan	IITM	12 weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
338	noc19-ge29	Multidisciplinary	Sustainable and Affordable Sanitation Solutions For Small Towns: Policy, Planning	Prof. N.C Narayanan	IITB	4 weeks	New	29-Jul-19	23-Aug-19	29 September 2019	Yes
339	noc19-ge30	Multidisciplinary	Numerical Methods for Engineers	Prof. Niket Kaisare	IITM	12 weeks	Repurp	29-Jul-19	18-Oct-19	16 November 2019	
340	noc19-ge31	Multidisciplinary	Biology for engineers and other non-biologists	Prof. Suraishkumar & Prof. Madhulika Dixit	IITM	4 weeks	Rerun	29-Jul-19	23-Aug-19	29 September 2019	Yes
341	noc19-ge32	Multidisciplinary	Game Theory	Prof.K.S. Mallikarjuna Rao	IITB	8 weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
342	noc19-oe02	OceanEngineering	HSE Practices for Offshore and Petroleum Industries	Prof. Srinivasan Chandrasekaran	IITM	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes

Seq	Course Id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	Is this an FDP course?
343	noc19-ph08	Physics	Introduction to Electromagnetic Theory	Prof. Manoj Harbola	IITK	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	
344	noc19-ph09	Physics	Experimental Physics - II	Prof. Amal Kumar Das	IITKGP	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	
345	noc19-ph10	Physics	Introduction To Statistical Mechanics	Prof. Girish S. Setlur	IITG	8 weeks	New	26-Aug-19	18-Oct-19	16 November 2019	Yes
346	noc19-ph11	Physics	Numerical Methods And Simulation Techniques For Scientists And Engineers	Prof. Saurabh Basu	IITG	8 weeks	New	26-Aug-19	18-Oct-19	17 November 2019	Yes
347	noc19-ph12	Physics	Physics of Turbulence	Prof. Mahendra K. Verma	IITK	12 weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
348	noc19-ph13	Physics	Solar Photovoltaics Fundamentals, Technology And Applications	Prof. Soumitra SataPathi	IITR	8 weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
349	noc19-ph14	Physics	Solid State Physics	Prof. Amal Kumar Das	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	
350	noc19-ph15	Physics	Theoretical Mechanics	Prof. Charudatt Kadolkar	IITG	8 weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
351	noc19-ph16	Physics	Computational Physics	Prof. Apratim Chatterji Prof. Prasenjit Ghosh	IISER Pune	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	Yes
352	noc19-ph17	Physics	Path Integral and functional methods in quantum field theory	Prof. Yajnik	IITB	8 Weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
353	noc19-ph18	Physics	Waves and Oscillations	Prof. M. S. Santhanam	IISER Pune	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
354	noc19-te06	Textile Technology	Textile Finishing	Prof. Kushal Sen	IITD	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
355	noc19-te07	Textile Technology	Principles of Combing, Roving preparation & Ring spinning	Prof. R Chattopadhyay	IITD	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
356	noc19-te08	Textile Technology	Science of Clothing Comfort	Prof. Apurba Das	IITD	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
357	noc19-te09	Textile Technology	Yarn manufacture I : Principle of Carding and Drawing	Prof. R Chattopadhyay	IITD	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	
358	noc19-te10	Textile Technology	Science and Technology of Weft and Warp Knitting	Prof. Bipin Kumar	IITD	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	Yes