

COURSES FOR JULY-OCT 2017 SEMESTER

S.no	course id	Discipline	Course name	Instructor	Institute	Duration	Type of course	Timeline	Exam Date
1	noc17-ae05	Aerospace engineering	Gas dynamics	Prof. Sameen. A	IITM	12 weeks	Rerun	JULY-OCT 2017	22 Oct 17
2	noc17-ae06	Aerospace engineering	Engineering Thermodynamics	Prof. D. P. Mishra	IITK	12 weeks	Rerun	JULY-OCT 2017	22 Oct 17
3	noc17-ae07	Aerospace engineering	Combustion in air breathing aero engines	Prof. Swetaprovo Chaudhuri	IISc	12 weeks	New	JULY-OCT 2017	22 Oct 17
4	noc17-ae08	Aerospace engineering	Aircraft Design	Prof. A.K.Ghosh	IITK	12 weeks	New	JULY-OCT 2017	22 Oct 17
5	noc17-ae09	Aerospace engineering	Aircraft Stability and Control	Prof. A.K.Ghosh	IITK	12 weeks	Rerun	JULY-OCT 2017	22 Oct 17
6	noc17-ag01	Agriculture & Food Engineering	Momentum transfer in process engineering	Prof. Tridib Kumar Goswami	IITKGP	12 weeks	New	JULY-OCT 2017	22 Oct 17
7	noc17-bt13	Biological sciences & Biotechnology	Biostatistics and design of experiments	Prof. Mukesh Doble	IITM	8 weeks	Rerun	JULY-SEP 2017	24 Sep 17
8	noc17-bt17	Biological sciences & Biotechnology	Biomedical nanotechnology	Prof. P. Gopinath	IITR	4 weeks	New	JULY-AUG 2017	24 Sep 17
9	noc17-bt18	Biological sciences & Biotechnology	Introduction to mechanobiology	Prof. Shamik Sen	IITB	8 weeks	New	AUG-OCT 2017	22 Oct 17
10	noc17-bt20	Biological sciences & Biotechnology	Animal Physiology	Prof. Mainak Das	IITK	12 weeks	New	JULY-OCT 2017	22 Oct 17
11	noc17-bt21	Biological sciences & Biotechnology	Cell Culture Technologies	Prof. Mainak Das	IITK	8 weeks	New	AUG-OCT 2017	22 Oct 17
12	noc17-bt22	Biological sciences & Biotechnology	Forest Biometry	Dr. Ankur Awadhiya & Prof. Mainak Das	IITK	8 weeks	New	AUG-OCT 2017	22 Oct 17

13	noc17-bt23	Biological sciences & Biotechnology	Industrial Biotechnology	Prof. Debabrata Das	IITKGP	12 weeks	New	JULY-OCT 2017	22 Oct 17
14	noc17-ch07	Chemical engineering	Trace and ultra-trace analysis of metals using atomic absorption spectrometry	Prof. J. R. Mudakavi	IISc	8 weeks	New	JULY-SEP 2017	24 Sep 17
15	noc17-ch08	Chemical engineering	Introduction to evolutionary dynamics	Prof. Supreet Saini	IITB	8 weeks	New	JULY-SEP 2017	24 Sep 17
16	noc17-ch10	Chemical engineering	Phase equilibrium thermodynamics	Prof. Gargi Das	IITKGP	8 weeks	New	JULY-SEP 2017	24 Sep 17
17	noc17-ch11	Chemical engineering	Transport phenomena	Prof. Sunando DasGupta	IITKGP	12 weeks	New	JULY-OCT 2017	22 Oct 17
18	noc17-ch12	Chemical engineering	Unit operations of particulate matter	Prof. Shabina Khanam	IITR	4 weeks	New	JULY-AUG 2017	24 Sep 17
19	noc17-cy12	Chemistry	Advanced Mathematical Methods for Chemistry	Prof. Madhav Ranganathan	IITK	12 weeks	New	JULY-OCT 2017	22 Oct 17
20	noc17-cy13	Chemistry	Pericyclic Reactions and Organic Photochemistry	Prof. Sankararaman S	IITM	8 weeks	Rerun	AUG-OCT 2017	22 Oct 17
21	noc17-cy01	Chemistry and biochemistry	Basics of Fluorescence Spectroscopy	Prof. Pratik Sen	IITK	8 weeks	New	JULY-SEP 2017	24 Sep 17
22	noc17-cy07	Chemistry and biochemistry	Laser: Fundamentals and Applications	Prof. Manabendra Chandra	IITK	8 weeks	New	AUG-OCT 2017	22 Oct 17

23	noc17-cy09	Chemistry and biochemistry	Chemical and Biological Thermodynamics: Principles to Applications	Prof. Nand Kishore	IITB	12 weeks	New	JULY-OCT 2017	22 Oct 17
24	noc17-cy03	Chemistry and biochemistry	Analytical chemistry	Prof. Debashis Ray	IITKGP	12 weeks	New	JULY-OCT 2017	22 Oct 17
25	noc17-cy10	Chemistry and biochemistry	Co-ordination chemistry (chemistry of transition elements)	Prof. Debashis Ray	IITKGP	12 weeks	Repurposed	JULY-OCT 2017	22 Oct 17
26	noc17-cy11	Chemistry and biochemistry	Stereochemistry	Prof. Amit Basak	IITKGP	8 weeks	New	JULY-SEP 2017	24 Sep 17
27	noc17-ce16	Civil engineering	Project planning and control	Prof. Koshy Varghese	IITM	8 weeks	Rerun	JULY-SEP 2017	24 Sep 17
28	noc17-ce11	Civil engineering	Geotechnical Engineering Laboratory	Prof. J. N. Mandal	IITB	4 weeks	New	JULY-AUG 2017	24 Sep 17
29	noc17-ce17	Civil engineering	Mechanics of Solids	Prof. Priyanka Ghosh	IITK	12 weeks	New	JULY-OCT 2017	22 Oct 17
30	noc17-ce18	Civil engineering	Principles of Construction Management	Prof. Sudhir Misra	IITK	8 weeks	New	AUG-OCT 2017	22 Oct 17
31	noc17-ce19	Civil engineering	Foundation Design	Prof. N.R. Patra	IITK	12 weeks	New	JULY-OCT 2017	22 Oct 17
32	noc17-ce20	Civil engineering	Integrated Waste Management for a Smart City	Prof. Brajesh Kumar Dubey	IITKGP	12 weeks	New	JULY-OCT 2017	22 Oct 17
33	noc17-ce07	Civil engineering	Computational hydraulics	Prof. Anirban Dhar	IITKGP	12 weeks	New	JULY-OCT 2017	22 Oct 17
34	noc17-ce21	Civil engineering	Design of steel structures	Prof. Damodar Maiti	IITKGP	12 weeks	New	JULY-OCT 2017	22 Oct 17
35	noc17-ce22	Civil engineering	Strength of materials	Prof. Sriman Kumar Bhattacharyya	IITKGP	12 weeks	Repurposed	JULY-OCT 2017	22 Oct 17

36	noc17-ce23	Civil engineering	Design of reinforced concrete structures	Prof. Nirjhar Dhang	IITKGP	12 weeks	Repurposed	JULY-OCT 2017	22 Oct 17
37	noc17-ce24	Civil engineering	Reinforced Concrete Road Bridges	Prof. Nirjhar Dhang	IITKGP	4 weeks	New	JULY-AUG 2017	24 Sep 17
38	noc17-ce25	Civil engineering	Structural analysis-I	Prof. Amit Shaw	IITKGP	12 weeks	New	JULY-OCT 2017	22 Oct 17
39	noc17-ce27	Civil engineering	Geoenvironmental Engineering (Environmental Geotechnology) : Landfills, Slurry Ponds & Contaminated Sites	Prof. Manoj Datta	IITD	12 weeks	New	JULY-OCT 2017	22 Oct 17
40	noc17-cs19	Computer science and engineering	Computer architecture and organization	Prof. Indranil Sengupta & Prof. Kamalika Datta	IITKGP, NIT Meghalaya	12 weeks	New	JULY-OCT 2017	22 Oct 17
41	noc17-cs20	Computer science and engineering	Introduction to algorithms and analysis	Prof. Sourav Mukhopadhyay	IITKGP	12 weeks	New	JULY-OCT 2017	22 Oct 17
42	noc17-cs21	Computer science and engineering	Hardware modeling using verilog	Prof. Indranil Sen Gupta	IITKGP	8 weeks	New	AUG-OCT 2017	22 Oct 17
43	noc17-cs22	Computer science and engineering	Introduction to internet of things	Prof. Sudip Misra	IITKGP	12 weeks	New	JULY-OCT 2017	22 Oct 17
44	noc17-cs23	Computer science and engineering	Cloud computing	Prof. Soumya Kanti Ghosh	IITKGP	8 weeks	New	AUG-OCT 2017	22 Oct 17
45	noc17-cs24	Computer science and engineering	Programming in C++	Prof. Partha Pratim Das	IITKGP	8 weeks	Rerun	JULY-SEP 2017	24 Sep 17
46	noc17-cs25	Computer science and engineering	Object oriented analysis and design	Prof. Partha Pratim Das	IITKGP	8 weeks	Rerun	JULY-SEP 2017	24 Sep 17

47	noc17-cs26	Computer science and engineering	Introduction to Machine Learning	Prof. Sudeshna Sarkar	IITKGP	8 weeks	Rerun	JULY-SEP 2017	24 Sep 17
48	noc17-cs27	Computer science and engineering	Design and analysis of algorithms	Prof. Madhavan Mukund	CMI	8 weeks	Rerun	JULY-SEP 2017	24 Sep 17
49	noc17-cs28	Computer science and engineering	Programming, data structures and algorithms using python	Prof. Madhavan Mukund	CMI	8 weeks	Rerun	JULY-SEP 2017	24 Sep 17
50	noc17-cs29	Computer science and engineering	Introduction to operating systems	Prof. Chester Robeiro	IITM	8 weeks	Rerun	JULY-SEP 2017	24 Sep 17
51	noc17-cs30	Computer science and engineering	Ai: search methods for problem solving	Prof. Deepak Khemani	IITM	12 weeks	Rerun	JULY-OCT 2017	22 Oct 17
52	noc17-cs31	Computer science and engineering	Privacy and Security in Online Social Media	Prof. Ponnurangam.K	IITD	12 weeks(20 hrs)	Rerun	JULY-OCT 2017	22 Oct 17
53	noc17-cs32	Computer science and engineering	Software testing	Prof. Meenakshi D'souza	IITB	12 weeks	New	JULY-OCT 2017	22 Oct 17
54	noc17-cs33	Computer science and engineering	Fundamentals of Database Systems	Prof. Arnab Bhattacharya	IITK	8 weeks	Rerun	JULY -SEP 2017	24 Sep 17
55	noc17-cs34	Computer science and engineering	Theory of Computation	Prof. Raghunath Tewari	IITK	8 weeks	Rerun	JULY -SEP 2017	24 Sep 17
56	noc17-cs35	Computer science and engineering	Computer Organization and Architecture	Prof. Kamakoti	IITM	12 weeks	New	JULY-OCT 2017	22 Oct 17
57	noc17-cs36	Computer science and engineering	Introduction To Cryptology	Prof. S. Gangopadhyay	IITR	4 weeks	Rerun	JULY-AUG 2017	24 Sep 17
58	noc17-cs41	Computer science and engineering	Social Networks	S. R. Sudarshan Iyengar	IIT Ropar	12 weeks	New	JULY-OCT 2017	22 Oct 17

59	noc17-cs38	Computer science and engineering	Model Checking	Prof. B. Srivathsan	CMI	12 weeks	Rerun	JULY-OCT 2017	22 Oct 17
60	noc17-cs39	Computer science and engineering	Introduction to Parallel Programming in OpenMP	Prof. Yogish Sabharwal	IITD	4 Weeks	New	AUG-SEP 2017	22 Oct 17
61	noc17-cs40	Computer science and engineering	Introduction to Modern Application Development	Prof. Gaurav Raina	IITM	8 weeks	Rerun	JULY-SEP 2017	24 Sep 17
62	noc17-cs42	Computer science and engineering	Distributed Systems	Prof. Rajiv Misra	IIT Patna	8 weeks	New	AUG-OCT 2017	22 Oct 17
63	noc17-cs43	Computer science and engineering	Introduction to Programming in C	Prof. Satyadev Nandakumar	IITK	8 weeks	Rerun	JULY-SEP 2017	24 Sep 17
64	noc17-ce26	Earth science	Digital Image Processing of Remote Sensing Data	Prof. Arun K. Saraf	IITR	4 weeks	New	JULY-AUG 2017	24 Sep 17
65	noc17-cs37	Electrical /Electronics/Communications Engg	Introduction to Wireless and Cellular Communications	Prof. David Kovil Pillai	IITM	12 weeks	New	JULY-OCT 2017	22 Oct 17
66	noc17-ee11	Electrical /Electronics/Communications Engg	Optimal control	Prof. Barjeev Tyagi	IITR	8 weeks	New	JULY-SEP 2017	24 Sep 17
67	noc17-ee12	Electrical /Electronics/Communications Engg	Control engineering	Prof. Ramkrishna.P	IITM	12 weeks	New	JULY-OCT 2017	22 Oct 17
68	noc17-ee13	Electrical /Electronics/Communications Engg	Basic electrical circuits	Prof. Nagendra Krishnapura	IITM	8 weeks	Rerun	JULY-SEP 2017	24 Sep 17

69	noc17-ee14	Electrical /Electronics/Communications Engg	Analog circuits	Prof. Nagendra Krishnapura	IITM	8 weeks	Rerun	JULY-SEP 2017	24 Sep 17
70	noc17-ee15	Electrical /Electronics/Communications Engg	Networks and systems	Prof. Andrew Thangaraj and Prof.C.S. Ramalingam	IITM	12 weeks	Rerun	JULY-OCT 2017	22 Oct 17
71	noc17-ee16	Electrical /Electronics/Communications Engg	Microwave Integrated Circuits	Prof. Jayanta Mukherjee	IITB	8 weeks	Rerun	JULY-SEP 2017	24 Sep 17
72	noc17-ee17	Electrical /Electronics/Communications Engg	Principles of Communication Systems: Part - II	Prof. Aditya K. Jagannatham	IITK	8 weeks	New	JULY-SEP 2017	24 Sep 17
73	noc17-ee18	Electrical /Electronics/Communications Engg	Applied engineering electromagnetics	Prof. Pradeep Kumar K	IITK	12 weeks	New	JULY-OCT 2017	22 Oct 17
74	noc17-ee19	Electrical /Electronics/Communications Engg	Estimation for Wireless Communications – MIMO/OFDM Cellular and Sensor Networks	Prof. Aditya K. Jagannatham	IITK	8 weeks	Rerun	JULY -SEP 2017	24 Sep 17
75	noc17-ee20	Electrical /Electronics/Communications Engg	Design for internet of things	Prof. T V Prabhakar	IISc	8 weeks	New	JULY-SEP 2017	24 Sep 17
76	noc17-ee22	Electrical /Electronics/Communications Engg	Computational Electromagnetics & Applications	Prof. Dr. Krish Sankaran	IITM	12 weeks	Rerun	JULY-OCT 2017	22 Oct 17
77	noc17-ec05	Electrical /Electronics/Communications Engg	Enclosure design of electronics equipment	Prof. N. V Chalapathi Rao	IISc	12 weeks	New	JULY-OCT 2017	22 Oct 17

78	noc17-ec06	Electrical /Electronics/Communications Engg	Design of photovoltaic systems	Prof. L Umanand	IISc	12 weeks	New	JULY-OCT 2017	22 Oct 17
79	noc17-ec07	Electrical /Electronics/Communications Engg	Photonic integrated circuits	Prof. T. Srinivas	IISc	4 weeks	New	JULY-AUG 2017	24 Sep 17
80	noc17-ec08	Electrical /Electronics/Communications Engg	Power system analysis	Prof. Debapriya Das	IITKGP	12 weeks	New	JULY-OCT 2017	22 Oct 17
81	noc17-ec09	Electrical /Electronics/Communications Engg	Industrial instrumentation	Prof. Alok Barua	IITKGP	12 weeks	Repurposed	JULY-OCT 2017	22 Oct 17
82	noc17-ec10	Electrical /Electronics/Communications Engg	Electrical machines - I	Prof. D Kastha and Prof. Suman Maiti	IITKGP	12 weeks	Repurposed	JULY-OCT 2017	22 Oct 17
83	noc17-ec11	Electrical /Electronics/Communications Engg	Analog communication	Prof. Goutam Das	IITKGP	12 weeks	New	JULY-OCT 2017	22 Oct 17
84	noc17-ec12	Electrical /Electronics/Communications Engg	Modern digital communication techniques	Prof. Suvra Sekhar Das	IITKGP	12 weeks	New	JULY-OCT 2017	22 Oct 17
85	noc17-ec13	Electrical /Electronics/Communications Engg	Digital speech processing	Prof. Shyamal Kumar Das Mandal	IITKGP	8 weeks	New	AUG-OCT 2017	22 Oct 17
86	noc17-ec14	Electrical /Electronics/Communications Engg	Satellite communication	Prof. Kalyan Kumar Bandyopadhyay	IITKGP	8 weeks	Rerun	AUG-OCT 2017	22 Oct 17
87	noc17-ec15	Electrical /Electronics/Communications Engg	Analog Circuits and Systems through SPICE Simulation	Prof. Mrigank Sharad	IITKGP	12 weeks	New	JULY-OCT 2017	22 Oct 17

88	noc17-ec16	Electrical /Electronics/Communications Engg	An Introduction to Information Theory	Prof. Adrish Banerjee	IITK	8 weeks	Rerun	JULY-SEP 2017	24 Sep 17
89	noc17-ee21	High Voltage Engg, (Electrical Engg)	Advances in UHV Transmission and Distribution	Prof Subba Reddy B	IISc	8 weeks	New	JULY-SEP 2017	24 Sep 17
90	noc17-hs02	Humanities and Social Sciences	Soft skills	Prof. Binod Mishra	IITR	12 weeks	New	JULY-OCT 2017	22 Oct 17
91	noc17-hs19	Humanities and Social Sciences	Technical english for engineers	Prof. Aysha Iqbal	IITM	8 weeks	Rerun	JULY-SEP 2017	24 Sep 17
92	noc17-hs20	Humanities and Social Sciences	Literature for competitive exams	Prof. Aysha Iqbal	IITM	8 weeks	New	JULY-SEP 2017	24 Sep 17
93	noc17-hs21	Humanities and Social Sciences	Applied linguistics	Prof. Rajesh Kumar	IITM	12 weeks	Rerun	JULY-OCT 2017	22 Oct 17
94	noc17-hs22	Humanities and Social Sciences	Cognition, Transformation and Lives	Dr. Alok Bajpai	IITK	4 weeks	New	JULY-AUG 2017	24 Sep 17
95	noc17-hs23	Humanities and Social Sciences	Visual Perception and Art: A Survey Across the Cultures	Prof. Soumik Nandy Majumdar	Visva Bharati University, Santiniketan	4 weeks	New	JULY-AUG 2017	24 Sep 17
96	noc17-hs24	Humanities and Social Sciences	Introduction to Basic Cognitive Processes	Prof. Ark Verma	IITK	8 weeks	New	JULY-SEP 2017	24 Sep 17
97	noc17-hs26	Humanities and Social Sciences	Science, Technology and Society	Prof. Sambit Mallick	IITG	12 weeks	New	JULY-OCT 2017	22 Oct 17
98	noc17-hs27	Humanities and Social Sciences	Gender and Literature	Prof. Avishek Parui	IITG	8 weeks	New	JULY-SEP 2017	24 Sep 17
99	noc17-hs28	Humanities and Social Sciences	Ecology and Society	Prof. Ngamjahao Kipgen	IITG	12 weeks	New	JULY-OCT 2017	22 Oct 17

100	noc17-hs29	Humanities and Social Sciences	History of English Language and Literature	Prof. Merin Simi Raj	IITM	12 weeks	New	JULY-OCT 2017	22 Oct 17
101	noc17-hs30	Humanities and Social Sciences	Introduction to Psychology	Prof. Braj Bhushan	IITK	8 weeks	Rerun	JULY -SEP 2017	24 Sep 17
102	noc17-hs31	Humanities and Social Sciences	Developing Soft Skills and Personality	Prof. T. Ravichandran	IITK	8 weeks	Rerun	JULY-SEP 2017	24 Sep 17
103	noc17-hs32	Humanities and Social Sciences	Human resource development	Prof. KBL Srivastava	IITKGP	12 weeks	New	JULY-OCT 2017	22 Oct 17
104	noc17-hs33	Humanities and Social Sciences	Educational leadership	Prof. Atasi Mohanty	IITKGP	8 weeks	New	JULY-SEP 2017	24 Sep 17
105	noc17-mg14	Management	Operations and supply chain management	Prof. G. srinivasan	IITM	12 weeks	Repurposed	JULY-OCT 2017	22 Oct 17
106	noc17-mg15	Management	Patent Law for Engineers and Scientists	Prof. Feroze Ali	IITM	12 weeks	New	JULY-OCT 2017	22 Oct 17
107	noc17-mg16	Management	Marketing research and analysis	Prof. J.K.Nayak	IITR	8 weeks	New	JULY-SEP 2017	24 Sep 17
108	noc17-mg17	Management	Project management for managers	Prof. Mukesh Kumar Barua	IITR	12 weeks	New	JULY-OCT 2017	22 Oct 17
109	noc17-mg18	Management	Total Quality Management - I	Prof. Raghu Nandan Sengupta	IITK	8 weeks	New	AUG-OCT 2017	22 Oct 17
110	noc17-mg19	Management	Gender justice and workplace security	Prof. Dipa Dube	IITKGP	4 weeks	New	JULY-AUG 2017	24 Sep 17
111	noc17-mg20	Management	Corporate social responsibility	Prof. Aradhna Malik	IITKGP	8 weeks	New	JULY-SEP 2017	24 Sep 17
112	noc17-mg21	Management	Decision modeling	Prof. Biswajit Mahanty	IITKGP	8 weeks	New	JULY-SEP 2017	24 Sep 17
113	noc17-mg22	Management	E-business	Prof. Mamata Jenamani	IITKGP	12 weeks	New	JULY-OCT 2017	22 Oct 17

114	noc17-mg23	Management	Six sigma	Prof. T. P. Bagchi and Prof. Jitesh J Thakkar	IITKGP	12 weeks	Rerun	JULY-OCT 2017	22 Oct 17
115	noc17-mg24	Management	Introduction to Data Analytics	Prof. Nandan Sudarsanam Prof. Balaraman Ravindran	IITM	8 weeks	Rerun	JULY-SEP 2017	24 Sep 17
116	noc17-hs25	Mathematics	Calculus of One Real Variable	Prof. Joydeep Dutta	IITK	8 weeks	New	AUG-OCT 2017	22 Oct 17
117	noc17-ma11	Mathematics	Differential equations for engineers	Prof. Srinivasa Manam	IITM	12 weeks	New	JULY-OCT 2017	22 Oct 17
118	noc17-ma12	Mathematics	Integral equations, calculus of variations and its applications	Prof. P. N. Agrawal Prof.D. N. Pandey	IITR	12 weeks	New	JULY-OCT 2017	22 Oct 17
119	noc17-ma13	Mathematics	Nonlinear programming	Prof. S. K Gupta	IITR	4 weeks	New	JULY-AUG 2017	24 Sep 17
120	noc17-ma14	Mathematics	Numerical methods	Prof. Ameeya Kumar Nayak, Prof. Sanjeev Kumar	IITR	8 weeks	New	JULY-SEP 2017	24 Sep 17
121	noc17-ma15	Mathematics	Measure Theory	Prof. Inder Kumar Rana	IITB	12 weeks	New	JULY-OCT 2017	22 Oct 17
122	noc17-ma16	Mathematics	Numerical Analysis	Prof. R. Usha	IITM	12 weeks	New	JULY-OCT 2017	22 Oct 17
123	noc17-ma17	Mathematics	Introduction to R Software	Prof. Shalabh	IITK	8 weeks	New	JULY-SEP 2017	24 Sep 17
124	noc17-ma18	Mathematics	Constrained and unconstrained optimization	Prof. A Goswami & Prof. Debjani Chakraborty	IITKGP	12 weeks	New	JULY-OCT 2017	22 Oct 17
125	noc17-ma19	Mathematics	Graph Theory	Prof. Soumen Maity	IISER PUNE	8 weeks	New	AUG-OCT 2017	22 Oct 17
126	noc17-ma20	Mathematics	Regression analysis	Prof. Soumen Maity	IISER PUNE	12 weeks	Rerun	JULY-OCT 2017	22 Oct 17

127	noc17-me19	Mechanical / Industrial/ Materials science and engineering	Heat Treatment and Surface Hardening-Part II (Theory of heat treatment)	Prof. Kallol Mondal & Prof. Sandeep Sangal	IITK	8 weeks	New	AUG-OCT 2017	22 Oct 17
128	noc17-me20	Mechanical / Industrial/ Materials science and engineering	Phase Transformation in Materials	Prof. Krishanu Biswas	IITK	12 weeks	New	JULY-OCT 2017	22 Oct 17
129	noc17-me21	Mechanical / Industrial/ Materials science and engineering	Fundamentals of manufacturing processes	Prof. D K Dwivedi	IITR	12 weeks	New	JULY-OCT 2017	22 Oct 17
130	noc17-me22	Mechanical / Industrial/ Materials science and engineering	Fluid dynamics and turbomachines	Prof. Dhiman Chatterjee and Prof. Shomit Bakshi	IITM	8 weeks	Rerun	JULY-SEP 2017	24 Sep 17
131	noc17-me23	Mechanical / Industrial/ Materials science and engineering	Engineering fracture mechanics	Prof. K.Ramesh	IITM	12 weeks	Repurposed	JULY-OCT 2017	22 Oct 17
132	noc17-me24	Mechanical / Industrial/ Materials science and engineering	Foundation of computational fluid dynamics	Prof. S. Vengadesan	IITM	8 weeks	Rerun	JULY-SEP 2017	24 Sep 17
133	noc17-me25	Mechanical / Industrial/ Materials science and engineering	Micro and nano scale energy transport	Prof. Arvind Pattamatta	IITM	12 weeks	New	JULY-OCT 2017	22 Oct 17
134	noc17-me14	Mechanical / Industrial/ Materials science and engineering	Manufacturing of Composites	Prof. J. Ramkumar	IITK	8 weeks	New	JULY-SEP 2017	24 Sep 17

135	noc17-me26	Mechanical / Industrial/ Materials science and engineering	Applied Ergonomics	Prof. Shantanu Bhattacharya & Dr. Ankur Gupta	IITK	12 weeks	New	JULY-OCT 2017	22 Oct 17
136	noc17-me27	Mechanical / Industrial/ Materials science and engineering	Nature and Properties of Materials	Prof. Bishakh Bhattacharya	IITK	8 weeks	Rerun	JULY -SEP 2017	24 Sep 17
137	noc17-me28	Mechanical / Industrial/ Materials science and engineering	Mathematical Methods in Engineering and Science	Prof. Bhaskar Dasgupta	IITK	12 weeks	Repurposed	JULY-OCT 2017	22 Oct 17
138	noc17-me30	Mechanical / Industrial/ Materials science and engineering	Electron diffraction and imaging	Prof. Sundararaman M	IITM	12 weeks	New	JULY-OCT 2017	22 Oct 17
139	noc17-me32	Mechanical / Industrial/ Materials science and engineering	Acoustic and Noise Control	Prof. Abijith Sarkar	IITM	12 weeks	New	JULY-OCT 2017	22 Oct 17
140	noc17-me33	Mechanical / Industrial/ Materials science and engineering	Sustainability through Green Manufacturing Systems: An Applied Approach	Prof. Deepu Philip & Dr. Amandeep Singh	IITK	8 weeks	New	AUG-OCT 2017	22 Oct 17
141	noc17-me35	Mechanical / Industrial/ Materials science and engineering	Modelling and simulation of discrete event system	Prof. P. Kumar Jha	IITR	8 weeks	New	JULY-SEP 2017	24 Sep 17
142	noc17-me36	Mechanical / Industrial/ Materials science and engineering	Processing of Polymers and Polymer Composites	Prof. Inderdeep Singh	IITR	8 weeks	New	JULY-SEP 2017	24 Sep 17

143	noc17-mm09	Mechanical / Industrial/ Materials science and engineering	Fundamentals of Material Processing - I	Prof. Shashank Shekhar	IITK	8 weeks	Rerun	JULY -SEP 2017	24 Sep 17
144	noc17-mm10	Mechanical / Industrial/ Materials science and engineering	Steel Quality : Role of Secondary Refining & Continuous Casting	Prof. Santanu Kr. Ray	IITM	8 weeks	New	AUG-OCT 2017	22 Oct 17
145	noc17-mm11	Mechanical / Industrial/ Materials science and engineering	X-ray Crystallography & Diffraction	Prof. Ranjit Kumar Ray	IEST Shibpur	12 weeks	New	JULY-OCT 2017	22 Oct 17
146	noc17-mm12	Mechanical / Industrial/ Materials science and engineering	Noise Management & Control	Prof. Nachiketa Tiwari	IITK	12 weeks	New	JULY-OCT 2017	22 Oct 17
147	noc17-mm13	Mechanical / Industrial/ Materials science and engineering	Manufacturing Systems Technology I & II	Prof. Shantanu Bhattacharya	IITK	12 weeks	Rerun	JULY-OCT 2017	22 Oct 17
148	noc17-mm14	Mechanical / Industrial/ Materials science and engineering	Refrigeration And Air-conditioner	Prof. Ravi Kumar	IITR	8 weeks	Rerun	JULY-SEP 2017	24 Sep 17
149	noc17-mm15	Mechanical / Industrial/ Materials science and engineering	Spur and helical gear cutting	Prof. Asimava Roy Choudhury	IITKGP	4 weeks	New	JULY-AUG 2017	24 Sep 17
150	noc17-mm16	Mechanical / Industrial/ Materials science and engineering	Laws of thermodynamics	Prof. S.K Som & Prof.Suman Chakraborty	IITKGP	4 weeks	New	JULY-AUG 2017	24 Sep 17

151	noc17-mm17	Mechanical / Industrial/ Materials science and engineering	Energy conservation and waste heat recovery	Prof. PK Das & Prof. A Bhattacharya	IITKGP	12 weeks	New	JULY-OCT 2017	22 Oct 17
152	noc17-ge04	Multidisciplinary	Biology for engineers and other non-biologists	Prof. G.K. Suraishkumar/ Prof.Madhulika Dixit	IITM	4 weeks	Rerun	JULY-AUG 2017	24 Sep 17
153	noc17-ge05	Multidisciplinary	Introduction to research	Prof. Prathap Haridoss	IITM	8 weeks	Rerun	JULY-SEP 2017	24 Sep 17
154	noc17-ge06	Multidisciplinary	Health Research Fundamentals	Multi Faculty	NIE	8 weeks	Rerun	JULY-SEP 2017	24 Sep 17
155	noc17-ge07	Multidisciplinary	Outcome based pedagogic principles for effective teaching	Prof. Shyamal Kumar Das Mandal and Dr. Tamali Bhattacharyya.	IITKGP	4 weeks	Rerun	JULY-AUG 2017	24 Sep 17
156	noc17-ph05	Physics	Quantum Information and Computing	Prof. Dipan Ghosh	IITB	8 weeks	Rerun	JULY-SEP 2017	24 Sep 17
157	noc17-ph06	Physics	Mathematical methods in Physics-I	Prof. Samudra Roy	IITKGP	12 weeks	New	JULY-OCT 2017	22 Oct 17
158	noc17-ph07	Physics	Classical mechanics: from newtonian to lagrangian formulation	Prof. Debamalya Banerjee	IITKGP	12 weeks	New	JULY-OCT 2017	22 Oct 17
159	noc17-ph08	Physics	Solid state physics	Prof. Amal Kumar Das	IITKGP	12 weeks	New	JULY-OCT 2017	22 Oct 17