

S.no	Course Id	Course Name	SME Name	Institute	Course Period	Duration
1	noc18-ae04	Fundamentals of Combustion (Part 2)	Prof. D.P. Mishra	IIT Kanpur	Aug-Sep 2018	8 weeks
2	noc18-ae05	Engineering Thermodynamics	Prof. D.P. Mishra	IIT Kanpur	Jul-Oct 2018	12 weeks
3	noc18-ae06	Aircraft Stability and Control	Prof. A.K. Ghosh	IIT Kanpur	Jul-Oct 2018	12 weeks
4	noc18-ae07	Design of fixed wing Unmanned Aerial Vehicles	Prof. Saderla Subrahmanyam	IIT Kanpur	Aug-Oct 2018	8 weeks
5	noc18-ae08	Introduction to Finite Volume Methods I	Dr. Ashoke De	IIT Kanpur	Aug-Oct 2018	8 weeks
6	noc18-ar05	Farm Machinery	Prof. VK Tewari	IIT Kharagpur	Jul-Oct 2018	12 weeks
7	noc18-ar06	Organic Farming for Sustainable Agricultural Production	Prof. Dilip Kumar Swain	IIT Kharagpur	Aug-Sep 2018	8 weeks
8	noc18-ar07	Irrigation and Drainage	Prof. Damodhara Rao Mailapalli	IIT Kharagpur	Jul-Oct 2018	12 weeks
9	noc18-ar08	Fundamentals of Food Process Engineering	Prof. Jayeeta Mitra	IIT Kharagpur	Jul-Oct 2018	12 weeks
10	noc18-ar09	Soil and Water Conservation Engineering	Prof. Rajendra Singh	IIT Kharagpur	Jul-Oct 2018	12 weeks
11	noc18-ar10	Dairy and Food process and products technology	Prof. Tridib Kumar Goswami	IIT Kharagpur	Jul-Oct 2018	12 weeks
12	noc18-ar11	Architectural Acoustics	Prof. Sumana Gupta and Prof. Sankha Pratim Bhattacharya	IIT Kharagpur	Aug-Sep 2018	8 weeks
13	noc18-ar12	Landscape Architecture and Site Planning - Basic Fundamentals	Prof. Uttam Kumar Banerjee	IIT Kharagpur	Aug-Oct 2018	8 weeks
14	noc18-ar13	Culturally Responsive Built Environments	Prof. Ram Sateesh Pasupuleti	IIT Roorkee	Aug-Sep 2018	8 weeks
15	noc18-ar14	Contemporary Architecture and Design	Prof. Saptarshi Kolay	IIT Roorkee	Aug-Oct 2018	8 weeks
16	noc18-ar15	Role of Craft and Technology in Interior - Architecture	Prof. Smriti Saraswat	IIT Roorkee	Aug-Oct 2018	8 weeks
17	noc18-bt16	Bioengineering: An Interface with Biology and Medicine	Prof. Sanjeeva Srivastav	IIT Bombay	Aug-Sep 2018	8 weeks
18	noc18-bt17	Biomicrofluidics	Prof. Tapas Kumar Maiti & Prof. Suman Chakraborty	IIT Kharagpur	Aug-Sep 2018	4 weeks
19	noc18-bt18	Biomedical nanotechnology	Prof. P. Gopinath	IIT Roorkee	Aug-Sep 2018	4 weeks
20	noc18-bt19	Industrial Biotechnology	Prof. Debabrata Das	IIT Kharagpur	Jul-Oct 2018	12 weeks

21	noc18-bt20	Biostatistics and design of experiments	Prof. Mukesh Doble	IIT Madras	Aug-Oct 2018	8 weeks
22	noc18-bt21	Introduction to Biostatistics	Prof. Shamik Sen	IIT Bombay	Aug-Sep 2018	8 weeks
23	noc18-bt22	Computational Systems Biology	Prof. Karthik Raman	IIT Madras	Jul-Oct 2018	12 weeks
24	noc18-bt23	Biology for engineers and other non-biologists	Prof. Suraishkumar & Prof. Madhulika Dixit	IIT Madras	Aug-Sep 2018	4 weeks
25	noc18-bt24	Introduction to mechanobiology	Prof. Shamik Sen	IIT Bombay	Aug-Sep 2018	8 weeks
26	noc18-bt25	Nanotechnology in Agriculture	Prof. Mainak Das	IIT Kanpur	Aug-Oct 2018	8 weeks
27	noc18-bt26	WildLife Conservation	Prof. Ankur Awadhiya	IIT Kanpur	Aug-Oct 2018	8 weeks
28	noc18-bt27	Functional Genomics	Prof. S. Ganesh	IIT Kanpur	Aug-Sep 2018	4 weeks
29	noc18-bt28	Computer Aided Drug Design	Prof. Mukesh Doble	IIT Madras	Aug-Sep 2018	8 weeks
30	noc18-bt29	Material and Energy Balances	Prof. Vignesh Muthuvijayan	IIT Madras	Jul-Oct 2018	12 weeks
31	noc18-bt30	Introduction To Proteomics	Dr. Sanjeeva Srivastava	IIT Bombay	Aug-Oct 2018	8 weeks
32	noc18-bt31	Interactomics	Dr. Sanjeeva Srivastava	IIT Bombay	Aug-Oct 2018	8 weeks
33	noc18-ce15	Principles of Construction Management	Prof. Sudhir Misra	IIT Kanpur	Aug-Sep 2018	8 weeks
34	noc18-ce16	Foundation Engineering	Prof. Koushik Deb	IIT Kharagpur	Jul-Oct 2018	12 weeks
35	noc18-ce17	Strength of materials	Prof. Sriman Kr Bhattacharya	IIT Kharagpur	Jul-Oct 2018	12 weeks
36	noc18-ce18	Theory of Elasticity	Prof. Amit Shaw and Prof. Biswanath Banerjee	IIT Kharagpur	Jul-Oct 2018	12 weeks
37	noc18-ce19	Matrix Method of Structural Analysis	Prof. Amit Shaw & Prof Biswanath Banerjee	IIT Kharagpur	Aug-Oct 2018	8 weeks
38	noc18-ce20	Concrete Technology	Prof. B Bhattacharjee	IIT Delhi	Jul-Oct 2018	12 weeks
39	noc18-ce21	Advanced Concrete Technology	Prof. Manu Santhanam	IIT Madras	Jul-Oct 2018	12 weeks
40	noc18-ce22	Modern Construction materials	Prof. Ravindra Gettu	IIT Madras	Jul-Oct 2018	12 weeks
41	noc18-ce23	Reinforced Concrete Road Bridges	Prof. Nirjhar Dhang	IIT Kharagpur	Aug-Sep 2018	4 weeks
42	noc18-ce24	Design of reinforced concrete structures	Prof. Nirjhar Dhang	IIT Kharagpur	Jul-Oct 2018	12 weeks
43	noc18-ce25	Integrated Waste Management for a Smart City	Prof. Brajesh Kumar Dubey	IIT Kharagpur	Jul-Oct 2018	12 weeks
44	noc18-ce26	Wastewater Treatment and Recycling	Prof. Manoj Kumar Tiwari	IIT Kharagpur	Jul-Oct 2018	12 weeks

45	noc18-ce27	Glass in buildings : Design and Applications	Dr K N Satyanarayana, E Rajasekar, Mr Varghese, Mr Ravi Shankar, Mr Mahesh Arumugam, Mr Selvam Ramanathan, Mr Rajan Govind, Mr Tanmay Tathagat, Mr Charanjit Singh	IIT Madras	Jul-Oct 2018	12 weeks
46	noc18-ce28	Project planning and control	Prof. Koshy Varghese	IIT Madras	Aug-Sep 2018	8 weeks
47	noc18-ce29	Environmental Engineering- Chemical Processes	Prof. Bhanu Prakash Vellanki	IIT Roorkee	Jul-Oct 2018	12 weeks
48	noc18-ce30	Fire Protection, Services and Maintenance Management of Building	Prof. B Bhattacharjee	IIT Delhi	Jul-Oct 2018	12 weeks
49	noc18-ce31	Geosynthetics Testing Laboratory	Prof. J. N. Mandal	IIT Bombay	Aug-Sep 2018	4 weeks
50	noc18-ce32	Geotechnical engineering laboratory	Prof. J. N. Mandal	IIT Bombay	Aug-Sep 2018	4 weeks
51	noc18-ce33	Geoenvironmental Engineering (Environmental Geotechnology); Landfills, Slurry Ponds & Contaminated Sites	Prof. Manoj Dutta	IIT Delhi	Jul-Oct 2018	12 weeks
52	noc18-ce34	Remote Sensing and Digital Image Processing of Satellite Data	Prof. Arun K. Saraf	IIT Roorkee	Aug-Sep 2018	8 weeks
53	noc18-ce35	Photogeology In Terrain Evaluation (Part 2)	Prof. Javed Malik	IIT Kanpur	Aug-Sep 2018	4 weeks
54	noc18-ce36	Fluid Inclusion in Mineral Principles, Methodology, Practice and Application	Prof. MK Panigrahi	IIT Kharagpur	Aug-Sep 2018	8 weeks
55	noc18-ce37	Higher Surveying	Prof. Ajay Dashora	IIT Guwahati	Jul-Oct 2018	12 weeks
56	noc18-ce38	Unsaturated Soil Mechanics	Prof. T.V Bharat	IIT Guwahati	Jul-Oct 2018	12 weeks
57	noc18-ce39	Introduction to Accounting and Finance for Civil Engineers	Prof. Sudhir Misra	IIT Kanpur	Aug-Oct 2018	8 weeks
58	noc18-ce41	Glass Processing Technology	Prof. K N Satyanarayana	IIT Madras	Jul-Oct 2018	12 weeks
59	noc18-ch20	Phase equilibrium thermodynamics	Prof. Gargi Das	IIT Kharagpur	Aug-Sep 2018	8 weeks

60	noc18-ch21	Optimization in Chemical Engineering	Prof. Debasis Sarkar	IIT Kharagpur	Jul-Oct 2018	12 weeks
61	noc18-ch22	Heat Transfer	Prof. Sunando Dasgupta	IIT Kharagpur	Jul-Oct 2018	12 weeks
62	noc18-ch23	Unit operations of particulate matter	Prof. Shabina Khanam	IIT Roorkee	Aug-Sep 2018	4 weeks
63	noc18-ch24	Infra Red Spectroscopy for Pollution Monitoring	Prof. J R Mudakavi	IISc Bangalore	Aug-Sep 2018	4 weeks
64	noc18-ch25	Natural Gas Engineering	Prof. Pankaj Tiwari	IIT Guwahati	Aug-Oct 2018	8 weeks
65	noc18-ch26	Introduction to Polymer Physics	Prof. Amit Kumar	IIT Guwahati	Aug-Sep 2018	8 weeks
66	noc18-cs29	Computer Architecture	Prof. Smruti Ranjan Sarangi	IIT Delhi	Jul-Oct 2018	12 weeks
67	noc18-cs30	Switching Circuits and Logic Design	Prof. Indranil Sengupta	IIT Kharagpur	Jul-Oct 2018	12 weeks
68	noc18-cs31	Problem Solving through Programming in C	Prof. Anupam Basu	IIT Kharagpur	Jul-Oct 2018	12 weeks
69	noc18-cs32	Programming in C++	Prof. Partha Pratim Das	IIT Kharagpur	Aug-Sep 2018	8 weeks
70	noc18-cs33	Introduction to Programming in C	Prof. Satyadev Nandakumar	IIT Kanpur	Aug-Oct 2018	8 weeks
71	noc18-cs34	Programming, Data Structures and Algorithms using Python	Prof. Madhavan Mukund	Chennai Mathematical Institute	Aug-Sep 2018	8 weeks
72	noc18-cs35	The Joy of Computing using Python	Prof. Sudarshan Iyengar	IIT Ropar	Jul-Oct 2018	12 weeks
73	noc18-cs36	Data Base Management Systems	Prof. Partha Pratim Das	IIT Kharagpur	Aug-Sep 2018	8 weeks
74	noc18-cs37	Design and Analysis of Algorithms	Prof. Madhavan Mukund	Chennai Mathematical Institute	Aug-Oct 2018	8 weeks
75	noc18-cs38	Computer Networks and Internet Protocol	Prof. Soumya Kanti Ghosh & Prof. Sandip Chakraborty	IIT Kharagpur	Jul-Oct 2018	12 weeks
76	noc18-cs39	Scalable Data Science	Prof. Anirban Dasgupta and Prof. Sourangshu Bhattacharya	IIT Kharagpur	Aug-Sep 2018	8 weeks
77	noc18-cs40	Introduction to Machine Learning	Prof. Sudeshna Sarkar	IIT Kharagpur	Aug-Oct 2018	8 weeks
78	noc18-cs41	Deep Learning	Prof. Mitesh Khapra	IIT Madras	Jul-Oct 2018	12 weeks
79	noc18-cs42	Software testing	Prof. Meenakshi D'souza	IIIT Bangalore	Jul-Oct 2018	12 weeks
80	noc18-cs43	Software Engineering	Prof. Rajib Mall	IIT Kharagpur	Jul-Oct 2018	12 weeks
81	noc18-cs44	Cloud Computing	Prof. Soumyakanti Ghosh	IIT Kharagpur	Aug-Sep 2018	8 weeks
82	noc18-cs45	Cloud Computing and Distributed Systems	Prof. Rajiv Misra	IIT Kanpur	Aug-Oct 2018	8 weeks

83	noc18-cs46	Introduction to Internet of Things	Prof. Sudip Misra	IIT Kharagpur	Jul-Oct 2018	12 weeks
84	noc18-cs47	Blockchain Architecture Design and Use Cases	Prof. Sandip Chakraborty & Prof. Praveen Jayachandran	IIT Madras	Jul-Oct 2018	12 weeks
85	noc18-cs48	Hardware modeling using verilog	Prof. Indranil Sengupta	IIT Kharagpur	Aug-Oct 2018	8 weeks
86	noc18-cs49	Model Checking	Prof. B.Srivathsan	Chennai Mathematical Institute	Jul-Oct 2018	12 weeks
87	noc18-cs50	MultiCore Computer Architecture-Storage and Interconnects	Prof. John Jose	IIT Guwahati	Aug-Sep 2018	8 weeks
88	noc18-cs51	Artificial Intelligence: Search Methods for problem Solving	Prof. Deepak Khemani	IIT Madras	Jul-Oct 2018	12 weeks
89	noc18-cs52	Introduction to R Software	Prof. Shalabh	IIT Kanpur	Aug-Sep 2018	8 weeks
90	noc18-cs53	Discrete Mathematics	Prof. Sudarshan Iyengar	IIT Ropar	Jul-Oct 2018	12 weeks
91	noc18-cs54	Embedded Systems-Design Verification and Test	Prof. Santosh Biswas, Prof. Jatindra Kumar Deka and Prof. Arnab Sarkar	IIT Guwahati	Jul-Oct 2018	12 weeks
92	noc18-cs55	Introduction to parallel Programming in Open MP	Prof. Yogish Sabrawal	IIT Delhi	Aug-Sep 2018	4 weeks
93	noc18-cs56	Social Networks	Prof. Rishi Ranjan Singh & Prof. Sudarshan Iyengar	IIT Ropar	Jul-Oct 2018	12 weeks
94	noc18-cs57	Design and pedagogy of the introductory programming course	Prof. Abhiram Ranade	IIT Bombay	Aug-Sep 2018	4 weeks
95	noc18-cy10	Molecules in Motion	Prof. Amita Pathak Mahanty	IIT Kharagpur	Aug-Sep 2018	8 weeks
96	noc18-cy11	Stereochemistry	Prof. Amit Basak	IIT Kharagpur	Aug-Sep 2018	8 weeks
97	noc18-cy12	Coordination Chemistry	Prof. Debashis Ray	IIT Kharagpur	Jul-Oct 2018	12 weeks
98	noc18-cy13	Computational Chemistry and Classical Molecular Dynamics	Prof. B. L. Tembe	IIT Bombay	Aug-Sep 2018	8 weeks
99	noc18-cy14	Inorganic Chemistry of Life: Principles and Perspectives	Prof. C.P. Rao	IIT Bombay	Jul-Oct 2018	12 weeks
100	noc18-cy15	Symmetry and Group Theory	Prof. Anindya Datta	IIT Bombay	Jul-Oct 2018	12 weeks
101	noc18-cy16	Pericyclic Reactions and Organic Photochemistry	Prof. Sankararaman S	IIT Madras	Aug-Oct 2018	8 weeks
102	noc18-cy17	Analytical chemistry	Prof. Debashis Ray	IIT Kharagpur	Jul-Oct 2018	12 weeks

103	noc18-cy18	Chemical Crystallography	Prof.Angshuman Roy Choudhury	IISER Mohali	Jul-Oct 2018	12 weeks
104	noc18-cy19	Chemistry: Atomic Structure and Chemical Bonding	Prof.K.Mangala Sundar	IIT Madras	Jul-Oct 2018	12 weeks
105	noc18-cy20	Advanced Chemical Thermodynamics and Kinetics	Prof.Arijit Kumar De	IISER Mohali	Jul-Oct 2018	12 weeks
106	noc18-de01	System Design for Sustainability	Prof. Sharmistha Banerjee	IIT Guwahati	Jul-Oct 2018	12 weeks
107	noc18-de02	Product Design and Innovation	Prof. Supradip Das	IIT Guwahati	Aug-Sep 2018	4 weeks
108	noc18-de03	Interaction Design	Prof.Abhishek Shrivastava	IIT Guwahati	Aug-Sep 2018	4 weeks
109	noc18-de04	Yarn manufacture I : Principle of Carding and Drawing	Prof. R Chattopadhyay	IIT Delhi	Aug-Sep 2018	8 weeks
110	noc18-de05	Science of Clothing Comfort	Prof. Apurba Das	IIT Delhi	Jul-Oct 2018	12 weeks
111	noc18-ee14	Fundamentals of Electrical Engineering	Prof. Debapriya Das	IIT Kharagpur	Jul-Oct 2018	12 weeks
112	noc18-ee15	Electrical Distribution System Analysis	Prof. G. B. Kumbhar	IIT Roorkee	Aug-Sep 2018	8 weeks
113	noc18-ee16	Power system analysis	Prof. Debapriya Das	IIT Kharagpur	Jul-Oct 2018	12 weeks
114	noc18-ee17	Recent Advances in Transmission Insulators	Prof. Subba Reddy B	IISc Bangalore	Aug-Sep 2018	4 weeks
115	noc18-ee18	Basic electrical circuits	Prof. Nagendra Krishnapura	IIT Madras	Jul-Oct 2018	12 weeks
116	noc18-ee19	Analog circuits	Prof. Nagendra Krishnapura	IIT Madras	Jul-Oct 2018	12 weeks
117	noc18-ee20	Control Engineering	Prof.Ramkrishna Pasumarthy	IIT Madras	Jul-Oct 2018	12 weeks
118	noc18-ee21	Principles of Signal Estimation for MIMO/ OFDM Wireless Communication	Prof. Aditya Jagannatham	IIT Kanpur	Jul-Oct 2018	12 weeks
119	noc18-ee22	Microwave Theory and Techniques	Prof. Girish Kumar	IIT Bombay	Jul-Oct 2018	12 weeks
120	noc18-ee23	Analysis and Design Principles of Microwave Antennas	Prof. Amitabha Bhattacharya	IIT Kharagpur	Aug-Sep 2018	8 weeks
121	noc18-ee24	Computational Electromagnetics & Applications	Prof. Krish Sankaran	IIT Madras	Jul-Oct 2018	12 weeks
122	noc18-ee25	Advanced Linear Continuous Control Systems: Applications with MATLAB Programming and Simulink	Prof. Yogesh Vijay Hote	IIT Roorkee	Aug-Oct 2018	8 weeks
123	noc18-ee26	Analog communication	Prof. Goutam Das	IIT Kharagpur	Jul-Oct 2018	12 weeks
124	noc18-ee27	Principles of Digital Communications	Prof. S. N. Merchant	IIT Bombay	Jul-Oct 2018	12 weeks

125	noc18-ee28	Fiber-Optic Communication Systems and Techniques	Prof. K. Pradeep Kumar	IIT Kanpur	Jul-Oct 2018	12 weeks
126	noc18-ee29	Introduction to Wireless and Cellular Communications	Prof. David Koilpillai	IIT Madras	Jul-Oct 2018	12 weeks
127	noc18-ee30	Discrete Time Signal Processing	Prof. Mrityunjay Chakraborty	IIT Kharagpur	Aug-Sep 2018	8 weeks
128	noc18-ee31	Applied Optimization for Wireless, Machine Learning, Big Data	Prof. Aditya Jagannatham	IIT Kanpur	Jul-Oct 2018	12 weeks
129	noc18-ee32	Semiconductor Devices and Circuits	Prof. Sanjiv Sambandan	IISc Bangalore	Jul-Oct 2018	12 weeks
130	noc18-ee33	Digital Circuits	Prof. Santanu Chattopadhyay	IIT Kharagpur	Jul-Oct 2018	12 weeks
131	noc18-ee34	Architectural Design of Digital Integrated Circuits	Prof. Indranil Hatai	IIT Kharagpur	Aug-Sep 2018	8 weeks
132	noc18-ee35	Design of photovoltaic systems	Prof. Umanand	IISc Bangalore	Jul-Oct 2018	12 weeks
133	noc18-ee36	Fabrication Techniques for MEMs-based sensors: clinical perspective	Prof. Hardik Jeetendra Pandya	IISc Bangalore	Jul-Oct 2018	12 weeks
134	noc18-ee37	Op-Amp Practical Applications: Design, Simulation and Implementation	Prof. Hardik Jeetendra Pandya	IISc Bangalore	Jul-Oct 2018	12 weeks
135	noc18-ee38	Physical Modelling for Electronics Enclosures using Rapid prototyping	Prof. NV Chalapathi Rao	IISc Bangalore	Aug-Sep 2018	8 weeks
136	noc18-ee39	Information Theory, Coding and Cryptography	Prof. Ranjan Bose	IIT Delhi	Jul-Oct 2018	12 weeks
137	noc18-ee40	Digital Image Processing	Prof. Prabir Kumar Biswas	IIT Kharagpur	Jul-Oct 2018	12 weeks
138	noc18-ee41	Control systems	Prof. C.S.Shankar Ram	IIT Madras	Jul-Oct 2018	12 weeks
139	noc18-ee42	Introduction to Smart Grid	Prof. N.P. Padhy, Prof. Premalata Jena	IIT Roorkee	Aug-Sep 2018	8 weeks
140	noc18-ee43	Advanced Topics in Probability and Random Processes	Prof. P. K. Bora	IIT Guwahati	Aug-Sep 2018	8 weeks
141	noc18-ee44	Facts Devices	Prof. Avik Bhattacharya	IIT Roorkee	Aug-Sep 2018	8 weeks
142	noc18-ee45	Analog Electronic Circuit	Prof. Shouribrata chatterjee	IIT Delhi	Jul-Oct 2018	12 weeks
143	noc18-ee46	Nonlinear and Adaptive Control	Prof. Shubhendu Bhasin	IIT Delhi	Aug-Sep 2018	4 weeks
144	noc18-ee47	Microwave integrated circuits	Prof. Jayanta Mukherjee	IIT Bombay	Aug-Oct 2018	8 weeks

145	noc18-ee49	An Introduction to Information Theory	Prof. Adrish Banerjee	IIT Kanpur	Aug-Sep 2018	8 weeks
146	noc18-ge10	Manage TB	Prof. Mohan Natrajan & Dr. V V Banu Rekha	ICMR-NIRT	Aug-Oct 2018	8 weeks
147	noc18-ge11	Health research fundamentals	Multi Faculty	National Institute of Epidemiology	Aug-Sep 2018	8 weeks
148	noc18-ge12	Introduction to Research	Prof. Prathap Haridoss	IIT Madras	Aug-Sep 2018	8 weeks
149	noc18-ge13	Neuroscience of Human Movement	Prof. Varadhan	IIT Madras	Jul-Oct 2018	12 weeks
150	noc18-ge14	Non-Conventional Energy Resources	Prof. Prathap Haridos	IIT Madras	Jul-Oct 2018	12 weeks
151	noc18-ge15	Outcome based pedagogic principles for effective teaching	Prof. Shyamal Kr Das Mandal & Prof. Tamali Bhattachary	IIT Kharagpur	Aug-Sep 2018	4 weeks
152	noc18-ge16	Ecology and Environment	Dr. Abhijit Deshpande, Dr. Ligy Philip, Dr. B.S. Murty, Dr. Sudhir Chella Rajan, Dr. Sreenivas Jayanti, Dr. Jayashree Vencatesan, Dr. R. Ravi Krishna	IIT Madras	Aug-Oct 2018	8 weeks
153	noc18-ge17	Symbolic Logic	Prof. Chhanda Chakraborti	IIT Kharagpur	Aug-Sep 2018	8 weeks
154	noc18-ge18	Stress Management	Rajlakshmi Guha	IIT Kharagpur	Aug-Sep 2018	4 weeks
155	noc18-hs27	Technical english for engineers	Prof. Aysha Iqbal	IIT Madras	Aug-Sep 2018	8 weeks
156	noc18-hs28	English Language for Competitive Exams	Prof. Aysha Iqbal	IIT Madras	Jul-Oct 2018	12 weeks
157	noc18-hs29	Soft skills	Prof. Binod Mishra	IIT Roorkee	Jul-Oct 2018	12 weeks
158	noc18-hs30	Developing Soft Skills and Personality	Prof. T. Ravichandran	IIT Kanpur	Aug-Oct 2018	8 weeks
159	noc18-hs31	Introduction to Literary Theory	Prof. Sayan Chattapadhyay	IIT Kanpur	Aug-Sep 2018	8 weeks
160	noc18-hs32	History of English Language and Literature	Prof. Merin Simi Raj	IIT Madras	Jul-Oct 2018	12 weeks
161	noc18-hs33	Indian Fiction in English	Prof. Merin Simi Raj	IIT Madras	Jul-Oct 2018	12 weeks
162	noc18-hs34	Applied linguistics	Prof. Rajesh Kumar	IIT Madras	Jul-Oct 2018	12 weeks
163	noc18-hs35	Introduction to Basic Spoken Sanskrit	Prof. Anuradha Choudry	IIT Kharagpur	Aug-Sep 2018	4 weeks
164	noc18-hs36	Water, Society and Sustainability	Prof. Jenia Mukherjee	IIT Kharagpur	Aug-Sep 2018	4 weeks

165	noc18-hs37	Development of Sociology in India	Prof. Ashish Saxena	IIT Kanpur	Aug-Sep 2018	4 weeks
166	noc18-hs38	Gender justice and workplace security	Prof. Dipa Dube	IIT Kharagpur	Aug-Sep 2018	4 weeks
167	noc18-hs39	Introduction to Cultural Studies	Prof. Avishek	IIT Madras	Jul-Oct 2018	12 weeks
168	noc18-hs40	Introduction to Modern Indian Political Thought	Prof. Mithilesh Kumar Jha	IIT Guwahati	Jul-Oct 2018	12 weeks
169	noc18-hs41	Visual Perception and Art: A Survey Across the Cultures	Prof. Soumik Nandy Majumdar	IIT Kanpur	Aug-Sep 2018	4 weeks
170	noc18-hs42	Cognition, Transformation and Lives	Prof. Alok Bajpai	IIT Kanpur	Aug-Sep 2018	4 weeks
171	noc18-hs43	Consumer Psychology	Prof. Naveen Kashyap	IIT Guwahati	Aug-Sep 2018	8 weeks
172	noc18-hs44	Educational Leadership	Prof. Atasi Mohanty	IIT Kharagpur	Aug-Sep 2018	8 weeks
173	noc18-hs45	Intellectual Property	Prof. Feroz Ali	IIT Madras	Jul-Oct 2018	12 weeks
174	noc18-hs46	Short Fiction in Indian Literature	Prof. Divya.A	IIT Madras	Jul-Oct 2018	12 weeks
175	noc18-ma07	Introduction to probability and Statistics	Prof. G. Srinivasan	IIT Madras	Aug-Sep 2018	4 weeks
176	noc18-ma08	Calculus of One Real Variable	Prof. Joydeep Dutta	IIT Kanpur	Aug-Sep 2018	8 weeks
177	noc18-ma09	Integral Equations, Calculus of variations and its applications	Prof. P.N. Agrawal, Dr. D.N. Pandey	IIT Roorkee	Jul-Oct 2018	12 weeks
178	noc18-ma10	Ordinary and Partial Differential Equations and Applications	Prof. P.N. Agrawal, Prof. D.N. Pandey	IIT Roorkee	Jul-Oct 2018	12 weeks
179	noc18-ma11	Numerical methods	Prof. Ameeya Kumar Nayak, Prof. Sanjeev Kumar	IIT Roorkee	Aug-Sep 2018	8 weeks
180	noc18-ma12	Transform Techniques for Engineers	Prof. Manam	IIT Madras	Jul-Oct 2018	12 weeks
181	noc18-ma13	Matrix Solver	Prof. Somnath Roy	IIT Kharagpur	Jul-Oct 2018	12 weeks
182	noc18-ma14	Matrix Analysis with Applications	Prof. S.K.Gupta, Prof. Sanjeev Kumar	IIT Roorkee	Aug-Sep 2018	8 weeks
183	noc18-ma15	Introduction to Abstract Group Theory	Prof. Krishna Hanumanthu	CMI	Aug-Oct 2018	8 weeks
184	noc18-ma16	Introduction to Abstract and Linear Algebra	Prof. Sourav Mukhopadhyay	IIT Kharagpur	Aug-Oct 2018	8 weeks
185	noc18-ma17	Measure theory	Prof. I. K. Rana	IIT Bombay	Jul-Oct 2018	12 weeks
186	noc18-ma18	Mathematical Modelling: Analysis and Applications	Prof. Ameeya Kumar Nayak	IIT Roorkee	Aug-Sep 2018	4 weeks

187	noc18-ma19	Introduction to Probability Theory and Stochastic Processes	Prof. S Dhramaraja	IIT Delhi	Jul-Oct 2018	12 weeks
188	noc18-ma20	Nonlinear programming	Prof. S.K. Gupta	IIT Roorkee	Aug-Sep 2018	4 weeks
189	noc18-ma21	Groups : Motion, symmetry and puzzles	Prof. Amit Kulshrestha	IISER Mohali	Aug-Sep 2018	4 weeks
190	noc18-ma22	Statistical Inference	Prof. Nilladri Chaterjee	IIT Delhi	Aug-Sep 2018	8 weeks
191	noc18-ma23	Regression analysis	Prof. Soumen Maity	IISER Pune	Jul-Oct 2018	12 weeks
192	noc18-me42	RAC Product Design	Prof. Sanjeev Jain	IIT Delhi	Aug-Sep 2018	4 weeks
193	noc18-me43	Heat Exchangers: Fundamentals and Design Analysis	Prof. Prasanta Kr Das & Prof. Indranil Ghosh	IIT Kharagpur	Jul-Oct 2018	12 weeks
194	noc18-me44	Energy conservation and waste heat recovery	Prof. Prasanta Kr Das & Prof. Anandaroop Bhattacharya	IIT Kharagpur	Jul-Oct 2018	12 weeks
195	noc18-me45	Laws of thermodynamics	Prof. SK Som and Prof. Suman Chakraborty	IIT Kharagpur	Aug-Sep 2018	4 weeks
196	noc18-me46	Refrigeration And Air-Conditioning	Prof. Ravi Kumar	IIT Roorkee	Aug-Sep 2018	8 weeks
197	noc18-me47	Fluid dynamics and turbomachines	Prof. Dhiman Chatterjee and Prof. Shamit Bakshi	IIT Madras	Aug-Sep 2018	8 weeks
198	noc18-me48	Computational Fluid Dynamics	Prof. Suman Chakraborty	IIT Kharagpur	Jul-Oct 2018	12 weeks
199	noc18-me49	Principles of Metal Forming Technology	Prof. Pradeep K. Jha	IIT Roorkee	Aug-Sep 2018	8 weeks
200	noc18-me50	Principles of Casting Technology	Prof. P.K.Jha	IIT Roorkee	Aug-Sep 2018	8 weeks
201	noc18-me51	Fundamentals of manufacturing processes	Prof. D K Dwivedi	IIT Roorkee	Jul-Oct 2018	12 weeks
202	noc18-me52	Manufacturing Systems Technology I & II	Prof. Shantanu Bhattacharya	IIT Kanpur	Jul-Oct 2018	12 weeks
203	noc18-me53	Design for Quality, Manufacturing and Assembly	Prof. Palaniappaan Ramu	IIT Madras	Aug-Sep 2018	8 weeks
204	noc18-me55	Mechanics of Human Movement	Prof. Sujatha Srinivasan	IIT Madras	Jul-Oct 2018	12 weeks
205	noc18-me56	Mechanics of Machining	Dr. Uday S. Dixit	IIT Guwahati	Aug-Sep 2018	8 weeks
206	noc18-me57	Processing of Polymers and Polymer Composites	Prof. Inderdeep Singh	IIT Roorkee	Aug-Sep 2018	8 weeks
207	noc18-me58	Advanced Composites	Prof. Nachiketa Tiwari	IIT Kanpur	Jul-Oct 2018	12 weeks
208	noc18-me59	Manufacturing of Composites	Prof. J. Ramkumar	IIT Kanpur	Aug-Sep 2018	8 weeks

209	noc18-me60	Smart Materials and Intelligent System Design	Prof. Bisakh Bhattacharya	IIT Kanpur	Aug-Sep 2018	4 weeks
210	noc18-me61	Robotics	Prof. DK Pratihari	IIT Kharagpur	Aug-Sep 2018	8 weeks
211	noc18-me62	Engineering Metrology	Prof. J. Ramkumar / Prof. Amandeep Singh	IIT Kanpur	Jul-Oct 2018	12 weeks
212	noc18-me63	Noise Management and Control	Prof. Nachiketa Tiwari	IIT Kanpur	Jul-Oct 2018	12 weeks
213	noc18-me64	Principles of Hydraulic Machines and System Design	Prof. Pranab K. Mondal	IIT Guwahati	Aug-Sep 2018	8 weeks
214	noc18-me65	Theory of Rectangular Plates -Part1	Prof. Poonam Kumari	IIT Guwahati	Aug-Sep 2018	4 weeks
215	noc18-me66	Fundamentals of Surface Engineering: Mechanisms, Processes and Characterizations	Prof. D.K. Dwivedi	IIT Roorkee	Jul-Oct 2018	12 weeks
216	noc18-me67	Surrogates and Approximations in Engineering Design	Prof. Palaniappaan Ramu	IIT Madras	Aug-Sep 2018	4 weeks
217	noc18-me68	Work System Design	Prof. Inderdeep Singh	IIT Roorkee	Jul-Oct 2018	12 weeks
218	noc18-me69	Design Practice - II	Prof. Shantanu Bhattacharya	IIT Kanpur	Aug-Oct 2018	8 weeks
219	noc18-me70	Introduction to Abrasive Machining and Finishing Processes	Prof. Mamilla Ravi Sankar	IIT Guwahati	Aug-Sep 2018	8 weeks
220	noc18-me71	Engineering fracture mechanics	Prof. K.Ramesh	IIT Madras	Jul-Oct 2018	12 weeks
221	noc18-me72	Experimental Stress Analysis-An Overview	Prof. K. Ramesh	IIT Madras	Aug-Oct 2018	4 weeks
222	noc18-mg21	Economic Growth and Development	Prof. Rajshree Bedamatta	IIT Guwahati	Aug-Sep 2018	8 weeks
223	noc18-mg22	Microeconomics: Theory & Applications	Prof. Deep Mukerjee	IIT Kanpur	Jul-Oct 2018	12 weeks
224	noc18-mg23	Economics of Health and Health Care	Prof. Angan Sengupta	IIT Kanpur	Aug-Oct 2018	8 weeks
225	noc18-mg24	Engineering Econometrics	Prof. Rudra P Pradhan	IIT Kharagpur	Jul-Oct 2018	12 weeks
226	noc18-mg25	Ethics in Engineering Practice	Prof. Susmita Mukhopadhyay	IIT Kharagpur	Aug-Oct 2018	8 weeks
227	noc18-mg26	Human Resource Development	Prof. KBL Srivastava	IIT Kharagpur	Jul-Oct 2018	12 weeks
228	noc18-mg27	Corporate social responsibility	Prof. Aradhna Malik	IIT Kharagpur	Aug-Sep 2018	8 weeks
229	noc18-mg28	Project management for managers	Prof. Mukesh Kumar Barua	IIT Roorkee	Jul-Oct 2018	12 weeks
230	noc18-mg29	Leadership	Prof. Kalyan Chakravarti and Prof. Tuheena Mukherjee	IIT Kharagpur	Aug-Sep 2018	4 weeks

231	noc18-mg30	Marketing Management-I	Prof. Jayanta Chatterjee / Prof. Shashi Shekhar Mishra	IIT Kanpur	Aug-Sep 2018	8 weeks
232	noc18-mg31	Marketing research and analysis	Prof. J.K.Nayak	IIT Roorkee	Aug-Sep 2018	8 weeks
233	noc18-mg32	Selected Topics in Decision Modeling	Prof. Biswajit Mahanty	IIT Kharagpur	Aug-Sep 2018	8 weeks
234	noc18-mg33	Data Analysis and Decision Making - I	Prof. Raghunandan Sengupta	IIT Kanpur	Jul-Oct 2018	12 weeks
235	noc18-mg34	Business Analytics & Data Mining Modeling Using R- PART II	Prof. Gaurav Dixit	IIT Roorkee	Aug-Sep 2018	4 weeks
236	noc18-mg35	E-business	Prof. Mamata Jenamani	IIT Kharagpur	Jul-Oct 2018	12 weeks
237	noc18-mg36	Innovation, Business Models and Entrepreneurship	Prof. Rajat Agarwal, Prof. Vinay Sharma	IIT Roorkee	Aug-Sep 2018	8 weeks
238	noc18-mg37	Simulation of Business Systems: An Applied Approach	Prof. Deepu Philip	IIT Kanpur	Aug-Oct 2018	8 weeks
239	noc18-mg38	Sustainability through Green Manufacturing Systems: An Applied Approach	Prof. Deepu Philip/Prof. Amandeep Singh	IIT Kanpur	Aug-Oct 2018	8 weeks
240	noc18-mg39	Total Quality Management - I	Prof. Raghunandan Sengupta	IIT Kanpur	Aug-Sep 2018	8 weeks
241	noc18-mg40	Working Capital Management	Prof. Anil K. Sharma	IIT Roorkee	Jul-Oct 2018	12 weeks
242	noc18-mg41	Introduction to Operations Research	Prof. G. Srinivasan	IIT Madras	Aug-Sep 2018	8 weeks
243	noc18-mg42	Industrial Safety Engineering	Prof. Jhareswar Maiti	IIT Kharagpur	Jul-Oct 2018	12 weeks
244	noc18-mg43	Management of Inventory Systems	Prof. PK Ray	IIT Kharagpur	Jul-Oct 2018	12 weeks
245	noc18-mg44	Knowledge Management	Prof. KBL Srivastava	IIT Kharagpur	Aug-Sep 2018	8 weeks
246	noc18-mm10	Nature and Properties of Materials	Prof. Bisakh Bhattacharya	IIT Kanpur	Aug-Sep 2018	8 weeks
247	noc18-mm11	Defects in Crystalline Solids (Part-I)	Prof. Shashank Shekhar	IIT Kanpur	Aug-Sep 2018	8 weeks
248	noc18-mm12	Advanced Materials and Processes	Prof. Jayanta Das	IIT Kharagpur	Jul-Oct 2018	12 weeks
249	noc18-mm13	Structural Analysis of Nanomaterials	Prof. Kaushik Pal	IIT Roorkee	Aug-Sep 2018	4 weeks
250	noc18-mm14	Corrosion - Part I	Prof. Kallol Mondol	IIT Kanpur	Aug-Oct 2018	8 weeks
251	noc18-mm15	Analysis and Modeling of Welding	Prof. Gandham Phanikumar	IIT Madras	Aug-Sep 2018	8 weeks
252	noc18-mm16	Steel Quality : Role of Secondary Refining & Continuous Casting	Prof. Santanu Kr. Ray	IIT Madras	Jul-Oct 2018	12 weeks

253	noc18-mm17	Phase field modelling: the materials science, mathematics and computational aspects	Prof. M.P. Gururajan	IIT Bombay	Jul-Oct 2018	12 weeks
254	noc18-mm18	Elementary Stereology for Quantitative Metallography	Prof. Sankaran	IIT Madras	Aug-Sep 2018	4 weeks
255	noc18-mm19	Drilling and Blasting Technology	Prof. Kaushik Dey	IIT Kharagpur	Aug-Sep 2018	8 weeks
256	noc18-mm20	Phase Equilibria in Materials (Nature & Properties of Materials-II)	Prof. Ashish Garg	IIT Kanpur	Aug-Oct 2018	8 weeks
257	noc18-mm21	Welding of Advanced High Strength Steels for Automotive Applications	Prof. Murugaiyan Amirthalingam	IIT Madras	Aug-Oct 2018	4 weeks
258	noc18-oe04	HSE Practices for Offshore and Petroleum Industries	Prof. Srinivasan Chandrasekaran	IIT Madras	Jul-Oct 2018	12 weeks
259	noc18-oe05	Structural Health Monitoring	Prof. Srinivas Chandrasekaran	IIT Madras	Jul-Oct 2018	12 weeks
260	noc18-oe06	Hydrostatics and Stability	Prof. Hari V Warrior	IIT Kharagpur	Jul-Oct 2018	12 weeks
261	noc18-ph07	Introduction to Electromagnetic Theory	Prof. Manoj Harbola	IIT Kanpur	Aug-Sep 2018	8 weeks
262	noc18-ph08	Solid state physics	Prof. Amal Kumar Das	IIT Kharagpur	Jul-Oct 2018	12 weeks
263	noc18-ph09	Modern Optics	Prof. Partha Roy Choudhuri	IIT Kharagpur	Jul-Oct 2018	12 weeks
264	noc18-ph10	Introduction to Non-linear Optics and its Applications	Prof. Samudra Roy	IIT Kharagpur	Jul-Oct 2018	12 weeks
265	noc18-ph11	Theory of groups for physics applications	Prof. Urjit A. Yajnik	IIT Bombay	Jul-Oct 2018	12 weeks
266	noc18-ph13	Introduction to Polymer Physics	Prof. Prateek Kumar Jha	IIT Roorkee	Jul-Oct 2018	12 weeks
267	noc18-ph14	Advanced Quantum Mechanics with Applications	Prof Saurabh Basu	IIT Guwahati	Aug-Sep 2018	8 weeks
268	noc18-ph15	Upstream LNG Technology	Prof. Pavitra Sandilya	IIT Kharagpur	Jul-Oct 2018	12 weeks
269	noc18-ph16	Control System Design	Prof. G R Jayanth	IISc Bangalore	Jul-Oct 2018	12 weeks