

S.no	Course Id	Course Name	SME Name	Institute	Course Period	Duration
1	noc18-ae01	Fundamentals of Combustion - I	Prof. D.P. Mishra	IIT Kanpur	Feb-Mar 2018	8 weeks
2	noc18-ae02	Introduction to Airplane Performance	Prof. A K Ghosh	IIT Kanpur	Feb-Mar 2018	8 weeks
3	noc18-ae03	Aircraft Maintenance	Dr.A.K.Ghosh	IIT Kanpur	Feb-Mar 2018	4 weeks
4	noc18-ar01	Principles and Applications of Building Science	Dr.E.Rajasekar	IIT Roorkee	Feb-Mar 2018	4 weeks
5	noc18-ar02	Visual Communication Design for Digital Media	Saptarshi Kolay	IIT Roorkee	Feb-Mar 2018	4 weeks
6	noc18-ar03	Housing Policy & Planning	Prof. Uttam Kumar Roy	IIT Roorkee	Feb-Mar 2018	8 weeks
7	noc18-ar04	Architectural Conservation and Historic Preservation	Prof. Sanghamitra Basu	IIT Kharagpur	Feb-Mar 2018	8 weeks
8	noc18-bt01	Bioinformatics: Algorithms and Applications	Prof. M. Michael Gromiha	IIT Madras	Jan-Apr 2018	12 weeks
9	noc18-bt02	Aspects of Biochemical Engineering	Prof. Debabrata Das	IIT Kharagpur	Jan-Apr 2018	12 weeks
10	noc18-bt03	Demystifying the Brain	Prof. VS Chakravarthy	IIT Madras	Feb-Mar 2018	4 weeks
11	noc18-bt04	Introductory Mathematical Methods for Biologists	Prof. Ranjith Padinhateeri	IIT Bombay	Feb-Mar 2018	8 weeks
12	noc18-bt05	Principles of Downstream Techniques in Bioprocess	Prof. Mukesh Doble	IIT Madras	Feb-Mar 2018	4 weeks
13	noc18-bt06	Bioreactors	Prof. G. K. Suraishkumar	IIT Madras	Feb-Mar 2018	4 weeks
14	noc18-bt07	Introduction to Dynamical Models in Biology	Prof. Biplab Bose	IIT Guwahati	Feb-Mar 2018	4 weeks
15	noc18-bt08	Medical Biomaterials	Prof. Mukesh Doble	IIT Madras	Feb-Mar 2018	8 weeks
16	noc18-bt09	Introduction to proteomics	Prof. Sanjeeva Srivastava	IIT Bombay	Feb-Mar 2018	8 weeks
17	noc18-bt10	Interactomics	Prof.Sanjeeva Srivastava	IIT Bombay	Feb-Mar 2018	8 weeks

18	noc18-bt11	Introduction to Professional Scientific Communication	Prof. S.Ganesh	IIT Kanpur	Feb-Mar 2018	4 weeks
19	noc18-bt12	Bioelectrochemistry	Dr.Mainak Das	IIT Kanpur	Feb-Mar 2018	4 weeks
20	noc18-bt13	Bioenergetics of Life Processes	Dr.Mainak Das	IIT Kanpur	Feb-Mar 2018	4 weeks
21	noc18-bt14	Human Molecular Genetics	Prof. S.Ganesh	IIT Kanpur	Feb-Mar 2018	4 weeks
22	noc18-bt15	Bioenergy	Prof. Mainak Das	IIT Kanpur	Feb-Mar 2018	8 weeks
23	noc18-ce01	Applied Environmental Microbiology	Dr. Gargi Singh	IIT Roorkee	Jan-Apr 2018	12 weeks
24	noc18-ce02	Hydration, Porosity and Strength of Cementitious Materials	Prof. Sudhir Misra & Prof. K.V. Harish	IIT Kanpur	Feb-Mar 2018	8 weeks
25	noc18-ce03	Digital Land Surveying And Mapping (DLS&M)	Prof. Jayanta Kumar Ghosh	IIT Roorkee	Feb-Mar 2018	8 weeks
26	noc18-ce04	Mechanics of Materials	Prof. U. Saravanan	IIT Madras	Jan-Apr 2018	12 weeks
27	noc18-ce05	Soil Mechanics/Geotechnical Engineering I	Prof. Dilip Kumar Baidya	IIT Kharagpur	Jan-Apr 2018	12 weeks
28	noc18-ce06	Energy Efficiency, Acoustics and Daylighting in Building	Prof. B. Bhattacharjee	IIT Delhi	Jan-Apr 2018	12 weeks
29	noc18-ce07	Electronic Waste Management - Issues And Challenges	Prof. Brajesh Kumar Dubey	IIT Kharagpur	Feb-Mar 2018	4 weeks
30	noc18-ce08	Sustainable Engineering Concepts And Life Cycle Analysis	Prof. Brajesh Kumar Dubey	IIT Kharagpur	Feb-Mar 2018	8 weeks
31	noc18-ce09	Digital Elevation Models and Applications	Prof. Arun K. Saraf	IIT Roorkee	Feb-Mar 2018	4 weeks

32	noc18-ce10	Introduction to Geographic Information Systems	Dr.Arun K.Saraf	IIT Roorkee	Feb-Mar 2018	4 weeks
33	noc18-ce11	Photogeology in Terrain Evaluation(Part-1)	Prof. Javed N.Malik	IIT Kanpur	Feb-Mar 2018	4 weeks
34	noc18-ce12	Earth Sciences for Civil Engineering Part - I & II	Prof. Javed N.Malik	IIT Kanpur	Feb-Mar 2018	8 weeks
35	noc18-ce13	Mineral Resources: Geology, Exploration, Economics And Environment	Prof. M.K.Panigrahi	IIT Kharagpur	Jan-Apr 2018	12 weeks
36	noc18-ce14	Introduction to Mineral Processing	Prof. Arun Kumar Majumder	IIT Kharagpur	Jan-Apr 2018	12 weeks
37	noc18-ch01	Thermodynamics of Fluid Phase Equilibria	Dr.Jayant Singh	IIT Kanpur	Feb-Mar 2018	8 weeks
38	noc18-ch02	Chemical Applications of Symmetry and Group Theory	Prof. Manabendra Chandra	IIT Kanpur	Feb-Mar 2018	8 weeks
39	noc18-ch03	Engineering Thermodynamics	Prof. Jayant K. Singh	IIT Kanpur	Feb-Mar 2018	8 weeks
40	noc18-ch04	Inductive Couple Plasma Atomic Emission Spectrometry (ICP-AES) for Pollution Monitoring	Prof. Mudakavi	IISc Bangalore	Feb-Mar 2018	4 weeks
41	noc18-ch05	Mechanical Operations	Prof. Shabina Khanam	IIT Roorkee	Feb-Mar 2018	4 weeks
42	noc18-ch06	Waste to Energy Conversion	Prof. P. Mondal	IIT Roorkee	Feb-Mar 2018	8 weeks
43	noc18-ch07	Rheology of Complex Materials	Prof. Abhijit P. Deshpande	IIT Madras	Jan-Apr 2018	12 weeks
44	noc18-ch08	Heat Transfer	Prof. Ganesh Viswanathan	IIT Bombay	Jan-Apr 2018	12 weeks
45	noc18-ch09	Chemical Process Instrumentation	Prof. Debasis Sarkar	IIT Kharagpur	Jan-Apr 2018	12 weeks

46	noc18-ch10	Fluidization Engineering	Prof. S. K. Majumder	IIT Guwahati	Jan-Apr 2018	12 weeks
47	noc18-ch11	An Introduction to Cardiovascular Fluid Mechanics	Dr. Raghvendra Gupta	IIT Guwahati	Feb-Mar 2018	4 weeks
48	noc18-ch13	Multiphase Microfluidics	Prof. Raghvendra Gupta	IIT Guwahati	Feb-Mar 2018	8 weeks
49	noc18-ch14	Transport Processes I: Heat and Mass Transfer	Prof. V. Kumaran	IISc Bangalore	Jan-Apr 2018	12 weeks
50	noc18-ch15	Introduction to Process Modeling in the Membrane Separation Process	Prof. Sirshendu De	IIT Kharagpur	Feb-Mar 2018	4 weeks
51	noc18-ch16	Soft Nano Technology	Prof. Rabibrata Mukherjee	IIT Kharagpur	Feb-Mar 2018	8 weeks
52	noc18-ch17	Applied Time-Series Analysis	Prof. Arun Tangirala	IIT Madras	Jan-Apr 2018	12 weeks
53	noc18-ch18	Measurement Technique in Multiphase Flows	Prof. Rajesh Kumar Upadhyay	IIT Guwahati	Feb-Mar 2018	4 weeks
54	noc18-ch19	Multiphase Flows	Prof. Rajesh Kumar Upadhyay	IIT Guwahati	Feb-Mar 2018	8 weeks
55	noc18-cs01	Computer Organization and Architecture A Pedagogical Aspect	Dr. Santosh Biswas, Prof. Jatindra Kumar Deka, Dr. Arnab Sarkar	IIT Guwahati	Jan-Apr 2018	12 weeks
56	noc18-cs02	Social Networks	Prof. Sudarshan Iyengar	IIT Ropar	Jan-Apr 2018	12 weeks
57	noc18-cs03	Introduction to Modern Application Development	Prof. Gaurav Raina, Tanmai Gopal	IIT Madras	Feb-Mar 2018	8 weeks
58	noc18-cs04	Advanced Graph Theory	Dr. Rajiv Misra	IIT Patna	Feb-Mar 2018	8 weeks
59	noc18-cs05	Embedded Systems Design	Prof. Anupam Basu	IIT Kharagpur	Jan-Apr 2018	12 weeks
60	noc18-cs06	VLSI Physical Design	Prof. Indranil Sengupta	IIT Kharagpur	Jan-Apr 2018	12 weeks

61	noc18-cs07	Cryptography and Network Security	Prof. Sourav Mukhopadhyay	IIT Kharagpur	Jan-Apr 2018	12 weeks
62	noc18-cs08	Introduction to Internet of Things	Prof. Sudip Misra	IIT Kharagpur	Jan-Apr 2018	12 weeks
63	noc18-cs09	Wireless Ad Hoc and Sensor Networks	Prof. Sudip Misra	IIT Kharagpur	Feb-Mar 2018	8 weeks
64	noc18-cs10	Problem Solving through Programming in C	Prof. Anupam Basu	IIT Kharagpur	Jan-Apr 2018	12 weeks
65	noc18-cs11	Synthesis of Digital Systems	Prof. Preeti Ranjan Panda	IIT Delhi	Jan-Apr 2018	12 weeks
66	noc18-cs12	Real Time Operating System	Prof. Rajib Mall	IIT Kharagpur	Feb-Mar 2018	4 weeks
67	noc18-cs13	Introduction to Soft Computing	Prof. Debasis Samanta	IIT Kharagpur	Feb-Mar 2018	8 weeks
68	noc18-cs14	Data Mining	Prof. Pabitra Mitra	IIT Kharagpur	Feb-Mar 2018	8 weeks
69	noc18-cs15	Database Management System	Prof. Partha Pratim Das	IIT Kharagpur	Feb-Mar 2018	8 weeks
70	noc18-cs16	Cloud Computing	Prof. Soumya Kanti Ghosh	IIT Kharagpur	Feb-Mar 2018	8 weeks
71	noc18-cs17	An Introduction to Probability in Computing	Prof. John Augustine	IIT Madras	Feb-Mar 2018	4 weeks
72	noc18-cs18	Artificial Intelligence: Knowledge Representation and Reasoning	Prof. Deepak Khemani	IIT Madras	Jan-Apr 2018	12 weeks
73	noc18-cs19	AI:Constraint Satisfaction	Prof. Deepak Khemani	IIT Madras	Feb-Mar 2018	8 weeks
74	noc18-cs20	Design and Analysis of Algorithms	Prof. Madhavan Mukund	Chennai Mathematical Institute	Feb-Mar 2018	8 weeks
75	noc18-cs21	Programming, Data Structures and Algorithms using Python	Prof. Madhavan Mukund	Chennai Mathematical Institute	Feb-Mar 2018	8 weeks
76	noc18-cs22	Introduction to Haskell Programming	Prof. Madhavan Mukund and Prof. S.P.Suresh	Chennai Mathematical Institute	Feb-Mar 2018	8 weeks

77	noc18-cs23	Introduction to Human Computer Interaction	Prof. K.Ponnurangam Kumaraguru	IIT Delhi	Feb-Mar 2018	8 weeks
78	noc18-cs24	Information Security - IV	Prof. V. Kamakoti, Prof. M J Shankar Raman, Prof. Vasanthan	IIT Madras	Feb-Mar 2018	8 weeks
79	noc18-cs25	Programming, Data Structures and Algorithms using C	Prof. Hema A Murthy, Prof. Shankar Balachandran, Prof. N.S. Narayanaswamy, Prof. Sudarshan Iyengar	IIT Madras	Feb-Mar 2018	8 weeks
80	noc18-cs26	Introduction to Machine Learning	Prof. Balaraman Ravindran	IIT Madras	Jan-Apr 2018	12 weeks
81	noc18-cs27	Reinforcement Learning	Prof. Balaraman Ravindran	IIT Madras	Jan-Apr 2018	12 weeks
82	noc18-cs28	Data Science for Engineers	Prof. Ragunathan Rengasamy, Prof. Shankar Narasimhan	IIT Madras	Feb-Mar 2018	8 weeks
83	noc18-cy01	Chemistry of Main Group Elements	Prof. M.S. Balakrishna	IIT Bombay	Jan-Apr 2018	12 weeks
84	noc18-cy02	Transition Metal Organometallic Chemistry: Principles to Applications	Prof. P. Ghosh	IIT Bombay	Jan-Apr 2018	12 weeks
85	noc18-cy03	A Study Guide in Organic Retrosynthesis: Problem Solving Approach	Prof. Samik Nanda	IIT Kharagpur	Jan-Apr 2018	12 weeks
86	noc18-cy04	Introduction to Chemical Thermodynamics AND Kinetics	Prof. Arijit Kumar De	IISER Mohali	Jan-Apr 2018	12 weeks
87	noc18-cy05	Introduction To Molecular Thermodynamics	Prof. Srabani Taraphder	IIT Kharagpur	Feb-Mar 2018	8 weeks

88	noc18-cy06	Biochemistry	Prof. Swagata Dasgupta	IIT Kharagpur	Jan-Apr 2018	12 weeks
89	noc18-cy07	Quantum Computing	Prof. Debabrata Goswami	IIT Kanpur	Jan-Apr 2018	12 weeks
90	noc18-cy08	Metal Mediated Synthesis-I	Dr. Debabrata Maiti	IIT Bombay	Feb-Mar 2018	4 weeks
91	noc18-cy09	Organometallic Chemistry	Prof. Debabrata Maiti	IIT Bombay	Feb-Mar 2018	4 weeks
92	noc18-ec01	Basics of software-defined radios and practical applications	Dr. Meenakshi Rawat	IIT Roorkee	Feb-Mar 2018	4 weeks
93	noc18-ec02	Biomedical Signal Processing	Prof. Sudipta Mukhopadhyay	IIT Kharagpur	Jan-Apr 2018	12 weeks
94	noc18-ec03	Microprocessors and Microcontrollers	Prof. Santanu Chattopadhyay	IIT Kharagpur	Jan-Apr 2018	12 weeks
95	noc18-ec05	Analog IC Design	Prof. S. Aniruddhan	IIT Madras	Jan-Apr 2018	12 weeks
96	noc18-ec06	Optimization Techniques for Digital VLSI Design	Prof. Chandan Karfa, Prof. Santosh Biswas	IIT Guwahati	Feb-Mar 2018	8 weeks
97	noc18-ec07	Mathematical Methods and Techniques in Signal Processing	Prof. Shayan Srinivasa Garani	IISc Bangalore	Jan-Apr 2018	12 weeks
98	noc18-ec08	Electronics Enclosures Thermal Issues	Prof. N V Chalapathi	IISc Bangalore	Feb-Mar 2018	8 weeks
99	noc18-ec09	Integrated Circuits, MOSFETs, Op-Amps and their Applications	Prof. Hardik Jeetendra Pandya	IISc Bangalore	Jan-Apr 2018	12 weeks
100	noc18-ee01	Probability Foundations for Electrical Engineers	Prof. Andrew Thangaraj, Prof. R.Aravind EE	IIT Madras	Feb-Mar 2018	8 weeks
101	noc18-ee02	Principles of Signals and Systems	Dr. Aditya Jagannathan	IIT Kanpur	Jan-Apr 2018	12 weeks
102	noc18-ee03	Principles of Communication Systems - I	Prof. Aditya Jagannatham	IIT Kanpur	Jan-Apr 2018	12 weeks

103	noc18-ee04	Electromagnetic Theory	Prof. Pradeep Kumar K	IIT Kanpur	Jan-Apr 2018	12 weeks
104	noc18-ee05	Control Engineering	Prof. Ramkrishna.P	IIT Madras	Jan-Apr 2018	12 weeks
105	noc18-ee06	An Introduction to Coding Theory	Prof. Adrish Banerjee	IIT Kanpur	Feb-Mar 2018	8 weeks
106	noc18-ee07	Digital Switching - I	Prof. Y.N.Singh	IIT Kanpur	Feb-Mar 2018	8 weeks
107	noc18-ee08	Deep Learning for Visual Computing	Prof. Debdoot Sheet	IIT Kharagpur	Jan-Apr 2018	12 weeks
108	noc18-ee09	Power System Engineering	Prof. Debapriya Das	IIT Kharagpur	Jan-Apr 2018	12 weeks
109	noc18-ee10	Basic Electronics	Prof. Mahesh B. Patil	IIT Bombay	Jan-Apr 2018	12 weeks
110	noc18-ee11	Analog Circuits	Prof. Jayanta Mukherjee	IIT Bombay	Feb-Mar 2018	8 weeks
111	noc18-ee12	Industrial Automation and Control	Prof. Siddhartha Mukhopadhyay	IIT Kharagpur	Jan-Apr 2018	12 weeks
112	noc18-ee13	Antennas	Prof. Girish Kumar	IIT Bombay	Jan-Apr 2018	12 weeks
113	noc18-ge01	Digital and the Everyday: From Codes to Cloud	Prof. Bidisha Chaudhuri, Prof. Amit Prakash	IIIT Bangalore	Feb-Mar 2018	4 weeks
114	noc18-ge02	Effective Engineering Teaching in Practice	Prof.G. K. Suraiskumar	IIT Madras	Feb-Mar 2018	4 weeks
115	noc18-ge03	Health research fundamentals	Multi faculty	National Institute of Epidemiology	Feb-Mar 2018	8 weeks
116	noc18-ge04	Introduction to Research	Prof. Prathap Haridoss	IIT Madras	Feb-Mar 2018	8 weeks
117	noc18-ge05	MATLAB Programming for Numerical Computation	Prof. Niket Kaisare	IIT Madras	Feb-Mar 2018	8 weeks
118	noc18-ge06	Outcome Based Pedagogic Principles for Effective Teaching	Prof. Shyamal Kumar Das Mandal	IIT Kharagpur	Feb-Mar 2018	4 weeks
119	noc18-ge07	Principles and Applications of NMR Spectroscopy	Prof. Hanudatta S. Atreya	IISc Bangalore	Feb-Mar 2018	8 weeks

120	noc18-ge08	Virtual Reality Engineering	Prof.M Manivannan	IIT Madras	Jan-Apr 2018	12 weeks
121	noc18-ge09	Non-Conventional Energy Resources	Prof. Prathap Haridoss	IIT Madras	Feb-Apr 2018	12 weeks
122	noc18-hs01	An Introduction to Microeconomics	Prof. Vimal Kumar	IIT Kanpur	Jan-Apr 2018	12 weeks
123	noc18-hs02	Introduction to Advanced Cognitive Processes	Prof. Ark Verma	IIT Kanpur	Feb-Mar 2018	8 weeks
124	noc18-hs03	Psychiatry - An overview	Prof. Alok Bajpai	IIT Kanpur	Feb-Mar 2018	4 weeks
125	noc18-hs04	How the Brain Creates Mind	Prof. Alok Bajpai	IIT Kanpur	Feb-Mar 2018	4 weeks
126	noc18-hs05	Postcolonial Literature	Prof. Sayan Chattopadhyay	IIT Kanpur	Feb-Mar 2018	4 weeks
127	noc18-hs06	Introduction to Indian Art - An appreciation	Prof. Soumik Nandi Majumdar	IIT Kanpur	Feb-Mar 2018	4 weeks
128	noc18-hs07	Enhancing Soft Skills and Personality	Prof. T. Ravichandran	IIT Kanpur	Feb-Mar 2018	8 weeks
129	noc18-hs08	Folk and Minor Art in India	Prof. Shatarupa Thakurta Roy	IIT Kanpur	Feb-Mar 2018	8 weeks
130	noc18-hs09	Sociology of Science	Dr. Aninday Jayant Mishra	IIT Roorkee	Feb-Mar 2018	4 weeks
131	noc18-hs10	Perspectives on Neurolinguistic	Prof. Smita Jha	IIT Roorkee	Feb-Mar 2018	4 weeks
132	noc18-hs11	Great Experiments in Psychology	Prof. Rajlakshmi Guha	IIT Kharagpur	Feb-Mar 2018	4 weeks
133	noc18-hs12	Speaking Effectively	Prof. Anjali Gera Roy	IIT Kharagpur	Feb-Mar 2018	8 weeks
134	noc18-hs13	Emotional Intelligence	Prof. Rabindra Kumar Pradhan	IIT Kharagpur	Feb-Mar 2018	8 weeks
135	noc18-hs14	Strategic Performance Management	Prof. Kbl Srivastava	IIT Kharagpur	Feb-Mar 2018	8 weeks
136	noc18-hs15	Sociological Perspectives on Modernity	Prof. Sambit Mallick	IIT Guwahati	Jan-Apr 2018	12 weeks
137	noc18-hs16	Introduction to Cognitive Psychology	Prof. Naveen Kashyap	IIT Guwahati	Jan-Apr 2018	12 weeks
138	noc18-hs17	Patent Drafting for Beginners	Prof.Feroz Ali	IIT Madras	Feb-Mar 2018	4 weeks

139	noc18-hs18	Business English Communication	Prof Aysha Iqbal Viswamohan	IIT Madras	Feb-Mar 2018	4 weeks
140	noc18-hs19	Postmodernism in Literature	Prof. Merin Simi Raj	IIT Madras	Feb-Mar 2018	8 weeks
141	noc18-hs20	Patent Law for Engineers and Scientists	Prof. Feroz Ali	IIT Madras	Jan-Apr 2018	12 weeks
142	noc18-hs21	Language and Mind	Prof.Rajesh Kumar	IIT Madras	Feb-Mar 2018	8 weeks
143	noc18-hs22	Educational Leadership	Prof. Atasi Mohanty	IIT Kharagpur	Feb-Mar 2018	8 weeks
144	noc18-hs23	Brief Introduction to Psychology	Prof. Braj Bhushan	IIT Kanpur	Feb-Mar 2018	4 weeks
145	noc18-hs24	Appreciating Carnatic Music	Dr. Lakshmi Sreeram	IIT Madras	Feb-Mar 2018	8 weeks
146	noc18-hs25	Better Spoken English	Prof. Rajesh Kumar	IIT Madras	Jan-Apr 2018	12 weeks
147	noc18-hs26	Literary Theory and Literary Criticism	Prof. Aysha Iqbal Viswamohan	IIT Madras	Feb-Mar 2018	8 weeks
148	noc18-ma01	Numerical Linear Algebra	Dr. P. N. Agrawal Dr. D. N. Pandey, Dr. D.N. Pandey	IIT Roorkee	Jan-Apr 2018	12 weeks
149	noc18-ma02	Chaotic Dynamical Systems	Dr. Anima Nagar	IIT Delhi	Jan-Apr 2018	12 weeks
150	noc18-ma03	Numerical Methods: Finite difference approach	Dr. Ameeya Kumar Nayak	IIT Roorkee	Feb-Mar 2018	4 weeks
151	noc18-ma04	Calculus for Economics, Commerce and Management	Prof. Inder Kumar Rana	IIT Bombay	Feb-Mar 2018	8 weeks
152	noc18-ma05	Multivariable Calculus	Dr. S. K. Gupta and Dr. Sanjeev Kumar, Dr. Sanjeev Kumar	IIT Roorkee	Feb-Mar 2018	8 weeks
153	noc18-ma06	Stochastic Processes	Prof. S. Dharamraja	IIT Delhi	Jan-Apr 2018	12 weeks
154	noc18-me01	Introduction to Materials Science and Engineering	Prof. Rajesh Prasad	IIT Delhi	Jan-Apr 2018	12 weeks
155	noc18-me02	Design Practice	Prof. Shantanu Bhattacharya	IIT Kanpur	Feb-Mar 2018	8 weeks

156	noc18-me03	Introduction To Composites	Prof. Nachiketa Tewari	IIT Kanpur	Jan-Apr 2018	12 weeks
157	noc18-me04	Product Design and Manufacturing	Prof. J.Ramkumar and Prof.Amandeep Singh oberoi	IIT Kanpur	Feb-Mar 2018	8 weeks
158	noc18-me05	Manufacturing Process Technology I & II	Prof. Shantanu Bhattacharya	IIT Kanpur	Jan-Apr 2018	12 weeks
159	noc18-me06	Computer Numerical Control of Machine Tools and Processes	Prof. Asimava Roy Choudhury	IIT Kharagpur	Feb-Mar 2018	4 weeks
160	noc18-me07	Principles of Vibration Control	Prof. Bishakh Bhattacharya	IIT Kanpur	Feb-Mar 2018	4 weeks
161	noc18-me08	Basics of Finite Element Analysis-I	Prof. Dr. Nachiketa Tiwari K	IIT Kanpur	Feb-Mar 2018	8 weeks
162	noc18-me09	Transport Phenomena in Materials	Prof. Gandham Phanikumar	IIT Madras	Feb-Mar 2018	8 weeks
163	noc18-me10	Advanced Fluid Mechanics	Prof. Suman Chakraborty	IIT Kharagpur	Jan-Apr 2018	12 weeks
164	noc18-me11	Introduction to Mechanical Micro Machining	Prof. Ajay M Sidpara	IIT Kharagpur	Jan-Apr 2018	12 weeks
165	noc18-me12	Machinery Fault Diagnosis and Signal Processing	Prof. Amiya Ranjan Mohanty	IIT Kharagpur	Jan-Apr 2018	12 weeks
166	noc18-me13	Fundamentals of Nuclear Power Generation	Prof. Dipankar N. Basu	IIT Guwahati	Jan-Apr 2018	12 weeks
167	noc18-me14	Metal Cutting and Machine Tools	Prof. Asimava Roy Choudhury	IIT Kharagpur	Feb-Mar 2018	4 weeks
168	noc18-me16	Gear and Gear Unit Design : Theory and Practice	Prof. Rathindranath Maiti	IIT Kharagpur	Feb-Mar 2018	8 weeks
169	noc18-me17	Traditional and Non-Traditional Optimization Tools	Prof. Dilip Kumar Pratihari	IIT Kharagpur	Feb-Mar 2018	8 weeks

170	noc18-me18	Mechanism and Robot Kinematics	AnirvanDasGupta	IIT Kharagpur	Feb-Mar 2018	8 weeks
171	noc18-me20	Advances in Welding and Joining Technologies	Dr. Swarup Bag	IIT Guwahati	Feb-Mar 2018	8 weeks
172	noc18-me21	Atomization and Sprays	Dr.Mahesh V Panchagnula	IIT Madras	Jan-Apr 2018	12 weeks
173	noc18-me22	Compliant Mechanisms: Principles and Design	Prof. G. K. Ananthasuresh	IISc Bangalore	Jan-Apr 2018	12 weeks
174	noc18-me23	Engineering Mechanics: Statics and Dynamics	Prof. Mahesh Panchagnula	IIT Madras	Feb-Mar 2018	8 weeks
175	noc18-me24	Fluid Machines	Prof. Sankar Kumar Som	IIT Kharagpur	Feb-Mar 2018	8 weeks
176	noc18-me25	Convective Heat Transfer	saptarshi basu	IISc Bangalore	Jan-Apr 2018	12 weeks
177	noc18-me26	Operations Management	Dr. Inderdeep Singh	IIT Roorkee	Jan-Apr 2018	12 weeks
178	noc18-me27	Theory of Production Processes	Dr. Pradeep K. Jha	IIT Roorkee	Jan-Apr 2018	12 weeks
179	noc18-me28	Automatic Control	Dr. Anil Kumar	IIT Roorkee	Feb-Mar 2018	8 weeks
180	noc18-me29	Failure Analysis and Prevention	D. K. Dwivedi	IIT Roorkee	Feb-Mar 2018	8 weeks
181	noc18-me30	Mechanical Measurement Systems	Prof. Ravi Kumar	IIT Roorkee	Feb-Mar 2018	8 weeks
182	noc18-me31	Product Design and Development	Prof. Inderdeep Singh	IIT Roorkee	Feb-Mar 2018	4 weeks
183	noc18-me32	Two Phase Flow and Heat Transfer	Prof. Arup Kumar Das	IIT Roorkee	Feb-Mar 2018	4 weeks
184	noc18-me33	Joining Technologies for Metals	Prof. Dheerendra Kumar Dwivedi	IIT Roorkee	Feb-Mar 2018	8 weeks
185	noc18-me34	Steam and Gas Power Systems	Prof. Ravi Kumar	IIT Roorkee	Feb-Mar 2018	8 weeks
186	noc18-me35	Engineering Economic Analysis	Prof. Pradeep K. Jha	IIT Roorkee	Feb-Mar 2018	8 weeks
187	noc18-me36	Surface Engineering of Nanomaterials	Prof. Kaushik Pal	IIT Roorkee	Feb-Mar 2018	8 weeks

188	noc18-me37	Introduction to Mechanical Vibration	Prof. Anil Kumar	IIT Roorkee	Feb-Mar 2018	8 weeks
189	noc18-me38	Modelling and Simulation of Dynamic Systems	Prof. Pushparaj Mani Pathak	IIT Roorkee	Feb-Mar 2018	8 weeks
190	noc18-me39	Experimental Stress Analysis	Prof. K. Ramesh	IIT Madras	Jan-Apr 2018	12 weeks
191	noc18-me40	Introduction to Machining and Machining Fluids	Prof. Mamilla Ravi Sankar	IIT Guwahati	Feb-Mar 2018	8 weeks
192	noc18-mg01	Design and Analysis of Experiments	Prof. Jhareswar Maiti	IIT Kharagpur	Jan-Apr 2018	12 weeks
193	noc18-mg02	Quality Design and Control	Prof. Pradip Kumar Ray	IIT Kharagpur	Jan-Apr 2018	12 weeks
194	noc18-mg03	Management of New Products and Services	Dr. Jayanta Chatterjee	IIT Kanpur	Feb-Mar 2018	4 weeks
195	noc18-mg04	Total Quality Management - II	Dr. Raghunandan Sengupta	IIT Kanpur	Feb-Mar 2018	8 weeks
196	noc18-mg05	Practitioners Course In Descriptive, Predictive And Prescriptive Analytics	Dr. Deepu Philip / Mr. Sanjeev Newar	IIT Kanpur	Feb-Mar 2018	8 weeks
197	noc18-mg06	Systems Engineering: Theory & Practice	Prof. Deepu Philip	IIT Kanpur	Feb-Mar 2018	8 weeks
198	noc18-mg07	Managing Services	Prof. Jayanta Chatterjee	IIT Kanpur	Feb-Mar 2018	8 weeks
199	noc18-mg08	Project Management	Prof. Raghunandan Sengupta	IIT Kanpur	Feb-Mar 2018	8 weeks
200	noc18-mg09	Business Analytics for Management Decision	Prof. Rudra P Pradhan	IIT Kharagpur	Jan-Apr 2018	12 weeks
201	noc18-mg10	Soft Skills for Business Negotiations and Marketing Strategies	Prof. Uttam Kumar Banerjee	IIT Kharagpur	Jan-Apr 2018	12 weeks

202	noc18-mg11	Business Analytics and Data Mining Modeling using R	Dr. Gaurav Dixit	IIT Roorkee	Jan-Apr 2018	12 weeks
203	noc18-mg12	Financial Statement Analysis and Reporting	Prof. Anil K. Sharma	IIT Roorkee	Jan-Apr 2018	12 weeks
204	noc18-mg13	Research Writing	Prof. Aradhna Malik	IIT Kharagpur	Feb-Mar 2018	4 weeks
205	noc18-mg14	Six Sigma	Prof. Jitesh J Thakkar & Prof. Tapan Bagchi	IIT Kharagpur	Jan-Apr 2018	12 weeks
206	noc18-mg16	Services Marketing: A Practical Approach	Prof. Biplab Datta	IIT Kharagpur	Feb-Mar 2018	4 weeks
207	noc18-mg17	Consumer Behaviour	Prof. Srabanti Mukherjee	IIT Kharagpur	Feb-Mar 2018	8 weeks
208	noc18-mg18	Principles of Human Resource Management	Prof. Aradhana Malik	IIT Kharagpur	Feb-Mar 2018	8 weeks
209	noc18-mg19	Foundation Course in Managerial Economics	Prof. Barnali Nag	IIT Kharagpur	Feb-Mar 2018	8 weeks
210	noc18-mg20	Supply Chain Analytics	Prof. Rajat Agrawal	IIT Roorkee	Feb-Mar 2018	8 weeks
211	noc18-mm01	Physics of Materials	Prof. Prathap Haridoss	IIT Madras	Jan-Apr 2018	12 weeks
212	noc18-mm02	Material Characterization	Prof. Sankaran.S	IIT Madras	Jan-Apr 2018	12 weeks
213	noc18-mm03	Fundamentals of Electronic Materials and Devices	Prof. Parasuraman Swaminathan	IIT Madras	Feb-Mar 2018	8 weeks
214	noc18-mm04	Theory and Practice of Non Destructive Testing	Prof. Ranjit Bauri	IIT Madras	Feb-Mar 2018	8 weeks
215	noc18-mm05	Material Science and Engineering	Dr. Vivek Pancholi	IIT Roorkee	Feb-Mar 2018	8 weeks
216	noc18-mm06	An Introduction to Materials: Nature and Properties (Part 1: Structure of Materials)	Dr. Ashish Garg	IIT Kanpur	Feb-Mar 2018	8 weeks

217	noc18-mm07	Heat Treatment and Surface Hardening - I	Prof. Kallol Mondal, Prof. Sandeep Sangal	IIT Kanpur	Feb-Mar 2018	8 weeks
218	noc18-mm08	Principles of Polymer Synthesis	Prof. Rajat K Das	IIT Kharagpur	Feb-Mar 2018	8 weeks
219	noc18-mm09	Iron Making	Prof Govind S Gupta	IISc Bangalore	Feb-Mar 2018	8 weeks
220	noc18-oe01	Computer Methods of Structural Analysis Of Offshore Structures	Prof. Srinivasan Chandrasekaran	IIT Madras	Jan-Apr 2018	12 weeks
221	noc18-oe02	Water Economics and Governance	Prof. Manoj Kumar Tiwari	IIT Kharagpur	Jan-Apr 2018	12 weeks
222	noc18-oe03	Risk and Reliability of Offshore Structures	Prof. Srinivasan Chandrasekaran	IIT Madras	Jan-Apr 2018	12 weeks
223	noc18-ph01	Atomic and Molecular Physics	Prof. Amal Kumar Das	IIT Kharagpur	Jan-Apr 2018	12 weeks
224	noc18-ph02	Nuclear and Particle Physics	Prof. Poulose Poulose	IIT Guwahati	Jan-Apr 2018	12 weeks
225	noc18-ph03	Advanced Condensed Matter Physics	Prof. Saurabh Basu	IIT Guwahati	Feb-Mar 2018	8 weeks
226	noc18-ph05	Semiconductor Optoelectronics	Prof. M.R. Shenoy	IIT Delhi	Jan-Apr 2018	12 weeks
227	noc18-ph06	Fiber Optics	Prof. Vipul Rastogi	IIT Roorkee	Feb-Mar 2018	8 weeks