

**COURSES FOR OCTOBER 2017 EXAM**

S.no	course id	Discipline	Course name	Instructor	Institute	Duration	Timeline	Exam Date
1	noc17-ae05	Aerospace engineering	Gas dynamics	Prof. Sameen. A	IITM	12 weeks	JULY-OCT 2017	22 Oct 17
2	noc17-ae06	Aerospace engineering	Engineering Thermodynamics	Prof. D. P. Mishra	IITK	12 weeks	JULY-OCT 2017	22 Oct 17
3	noc17-ae07	Aerospace engineering	Combustion in air breathing aero engines	Prof. Swetaprovo Chaudhuri	IISc	12 weeks	JULY-OCT 2017	22 Oct 17
4	noc17-ae08	Aerospace engineering	Aircraft Design	Prof. A.K.Ghosh	IITK	12 weeks	JULY-OCT 2017	22 Oct 17
5	noc17-ae09	Aerospace engineering	Aircraft Stability and Control	Prof. A.K.Ghosh	IITK	12 weeks	JULY-OCT 2017	22 Oct 17
6	noc17-ag01	Agriculture & Food Engineering	Momentum transfer in process engineering	Prof. Tridib Kumar Goswami	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17
7	noc17-bt18	Biological sciences & Biotechnology	Introduction to mechanobiology	Prof. Shamik Sen	IITB	8 weeks	AUG-OCT 2017	22 Oct 17
8	noc17-bt20	Biological sciences & Biotechnology	Animal Physiology	Prof. Mainak Das	IITK	12 weeks	JULY-OCT 2017	22 Oct 17
9	noc17-bt21	Biological sciences & Biotechnology	Cell Culture Technologies	Prof. Mainak Das	IITK	8 weeks	AUG-OCT 2017	22 Oct 17
10	noc17-bt22	Biological sciences & Biotechnology	Forest Biometry	Dr. Ankur Awadhiya & Prof. Mainak Das	IITK	8 weeks	AUG-OCT 2017	22 Oct 17
11	noc17-bt23	Biological sciences & Biotechnology	Industrial Biotechnology	Prof. Debabrata Das	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17
12	noc17-ch11	Chemical engineering	Transport phenomena	Prof. Sunando DasGupta	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17
13	noc17-cy12	Chemistry	Advanced Mathematical Methods for Chemistry	Prof. Madhav Ranganathan	IITK	12 weeks	JULY-OCT 2017	22 Oct 17
14	noc17-cy13	Chemistry	Pericyclic Reactions and Organic Photochemistry	Prof. Sankararaman S	IITM	8 weeks	AUG-OCT 2017	22 Oct 17
15	noc17-cy07	Chemistry and biochemistry	Laser: Fundamentals and Applications	Prof. Manabendra Chandra	IITK	8 weeks	AUG-OCT 2017	22 Oct 17

16	noc17-cy09	Chemistry and biochemistry	Chemical and Biological Thermodynamics: Principles to Applications	Prof. Nand Kishore	IITB	12 weeks	JULY-OCT 2017	22 Oct 17
17	noc17-cy03	Chemistry and biochemistry	Analytical chemistry	Prof. Debashis Ray	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17
18	noc17-cy10	Chemistry and biochemistry	Co-ordination chemistry (chemistry of transition elements)	Prof. Debashis Ray	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17
19	noc17-ce17	Civil engineering	Mechanics of Solids	Prof. Priyanka Ghosh	IITK	12 weeks	JULY-OCT 2017	22 Oct 17
20	noc17-ce18	Civil engineering	Principles of Construction Management	Prof. Sudhir Misra	IITK	8 weeks	AUG-OCT 2017	22 Oct 17
21	noc17-ce19	Civil engineering	Foundation Design	Prof. N.R. Patra	IITK	12 weeks	JULY-OCT 2017	22 Oct 17
22	noc17-ce20	Civil engineering	Integrated Waste Management for a Smart City	Prof. Brajesh Kumar Dubey	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17
23	noc17-ce07	Civil engineering	Computational hydraulics	Prof. Anirban Dhar	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17
24	noc17-ce21	Civil engineering	Design of steel structures	Prof. Damodar Maiti	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17
25	noc17-ce22	Civil engineering	Strength of materials	Prof. Sriman Kumar Bhattacharyya	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17
26	noc17-ce23	Civil engineering	Design of reinforced concrete structures	Prof. Nirjhar Dhang	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17
27	noc17-ce25	Civil engineering	Structural analysis-I	Prof. Amit Shaw	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17
28	noc17-ce27	Civil engineering	Geoenvironmental Engineering (Environmental Geotechnology): Landfills, Slurry Ponds & Contaminated Sites	Prof. Manoj Datta	IITD	12 weeks	JULY-OCT 2017	22 Oct 17
29	noc17-cs19	Computer science and engineering	Computer architecture and organization	Prof. Indranil Sengupta & Prof. Kamalika Datta	IITKGP, NIT Meghalaya	12 weeks	JULY-OCT 2017	22 Oct 17
30	noc17-cs20	Computer science and engineering	Introduction to algorithms and analysis	Prof. Sourav Mukhopadhyay	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17

31	noc17-cs21	Computer science and engineering	Hardware modeling using verilog	Prof. Indranil Sen Gupta	IITKGP	8 weeks	AUG-OCT 2017	22 Oct 17
32	noc17-cs22	Computer science and engineering	Introduction to internet of things	Prof. Sudip Misra	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17
33	noc17-cs23	Computer science and engineering	Cloud computing	Prof. Soumya Kanti Ghosh	IITKGP	8 weeks	AUG-OCT 2017	22 Oct 17
34	noc17-cs30	Computer science and engineering	Ai: search methods for problem solving	Prof. Deepak Khemani	IITM	12 weeks	JULY-OCT 2017	22 Oct 17
35	noc17-cs31	Computer science and engineering	Privacy and Security in Online Social Media	Prof. Ponnurangam.K	IIITD	12 weeks(20 hrs)	JULY-OCT 2017	22 Oct 17
36	noc17-cs32	Computer science and engineering	Software testing	Prof. Meenakshi D'souza	IIITB	12 weeks	JULY-OCT 2017	22 Oct 17
37	noc17-cs35	Computer science and engineering	Computer Organization and Architecture	Prof. Kamakoti	IITM	12 weeks	JULY-OCT 2017	22 Oct 17
38	noc17-cs41	Computer science and engineering	Social Networks	S. R. Sudarshan Iyengar	IIT Ropar	12 weeks	JULY-OCT 2017	22 Oct 17
39	noc17-cs38	Computer science and engineering	Model Checking	Prof. B.Srivathsan	CMI	12 weeks	JULY-OCT 2017	22 Oct 17
40	noc17-cs39	Computer science and engineering	Introduction to Parallel Programming in OpenMP	Prof. Yogish Sabharwal	IITD	4 Weeks	AUG-SEP 2017	22 Oct 17
41	noc17-cs42	Computer science and engineering	Distributed Systems	Prof. Rajiv Misra	IIT Patna	8 weeks	AUG-OCT 2017	22 Oct 17
42	noc17-cs37	Electrical /Electronics/Communications Engg	Introduction to Wireless and Cellular Communications	Prof. David Kovil Pillai	IITM	12 weeks	JULY-OCT 2017	22 Oct 17

43	noc17-ee12	Electrical /Electronics/Communications Engg	Control engineering	Prof. Ramkrishna.P	IITM	12 weeks	JULY-OCT 2017	22 Oct 17
44	noc17-ee15	Electrical /Electronics/Communications Engg	Networks and systems	Prof. Andrew Thangaraj and Prof. C.S.Ramalingam	IITM	12 weeks	JULY-OCT 2017	22 Oct 17
45	noc17-ee18	Electrical /Electronics/Communications Engg	Applied engineering electromagnetics	Prof. Pradeep Kumar K	IITK	12 weeks	JULY-OCT 2017	22 Oct 17
46	noc17-ee22	Electrical /Electronics/Communications Engg	Computational Electromagnetics & Applications	Prof. Dr. Krish Sankaran	IITM	12 weeks	JULY-OCT 2017	22 Oct 17
47	noc17-ec05	Electrical /Electronics/Communications Engg	Enclosure design of electronics equipment	Prof. N. V Chalapathi Rao	IISc	12 weeks	JULY-OCT 2017	22 Oct 17
48	noc17-ec06	Electrical /Electronics/Communications Engg	Design of photovoltaic systems	Prof. L Umanand	IISc	12 weeks	JULY-OCT 2017	22 Oct 17
49	noc17-ec08	Electrical /Electronics/Communications Engg	Power system analysis	Prof. Debapriya Das	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17
50	noc17-ec09	Electrical /Electronics/Communications Engg	Industrial instrumentation	Prof. Alok Barua	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17
51	noc17-ec10	Electrical /Electronics/Communications Engg	Electrical machines - I	Prof. D Kastha and Prof. Suman Maiti	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17
52	noc17-ec11	Electrical /Electronics/Communications Engg	Analog communication	Prof. Goutam Das	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17

53	noc17-ec12	Electrical /Electronics/Communications Engg	Modern digital communication techniques	Prof. Suvra Sekhar Das	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17
54	noc17-ec13	Electrical /Electronics/Communications Engg	Digital speech processing	Prof. Shyamal Kumar Das Mandal	IITKGP	8 weeks	AUG-OCT 2017	22 Oct 17
55	noc17-ec14	Electrical /Electronics/Communications Engg	Satellite communication	Prof. Kalyan Kumar Bandyopadhyay	IITKGP	8 weeks	AUG-OCT 2017	22 Oct 17
56	noc17-ec15	Electrical /Electronics/Communications Engg	Analog Circuits and Systems through SPICE Simulation	Prof. Mrigank Sharad	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17
57	noc17-hs02	Humanities and Social Sciences	Soft skills	Prof. Binod Mishra	IITR	12 weeks	JULY-OCT 2017	22 Oct 17
58	noc17-hs21	Humanities and Social Sciences	Applied linguistics	Prof. Rajesh Kumar	IITM	12 weeks	JULY-OCT 2017	22 Oct 17
59	noc17-hs26	Humanities and Social Sciences	Science, Technology and Society	Prof. Sambit Mallick	IITG	12 weeks	JULY-OCT 2017	22 Oct 17
60	noc17-hs28	Humanities and Social Sciences	Ecology and Society	Prof. Ngamjahao Kipgen	IITG	12 weeks	JULY-OCT 2017	22 Oct 17
61	noc17-hs29	Humanities and Social Sciences	History of English Language and Literature	Prof. Merin Simi Raj	IITM	12 weeks	JULY-OCT 2017	22 Oct 17
62	noc17-hs32	Humanities and Social Sciences	Human resource development	Prof. KBL Srivastava	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17
63	noc17-mg14	Management	Operations and supply chain management	Prof. G.srinivasan	IITM	12 weeks	JULY-OCT 2017	22 Oct 17
64	noc17-mg15	Management	Patent Law for Engineers and Scientists	Prof. Feroze Ali	IITM	12 weeks	JULY-OCT 2017	22 Oct 17
65	noc17-mg17	Management	Project management for managers	Prof. Mukesh Kumar Barua	IITR	12 weeks	JULY-OCT 2017	22 Oct 17
66	noc17-mg18	Management	Total Quality Management - I	Prof. Raghu Nandan Sengupta	IITK	8 weeks	AUG-OCT 2017	22 Oct 17
67	noc17-mg22	Management	E-business	Prof. Mamata Jenamani	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17

68	noc17-mg23	Management	Six sigma	Prof. T. P. Bagchi and Prof. Jitesh J Thakkar	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17
69	noc17-hs25	Mathematics	Calculus of One Real Variable	Prof. Joydeep Dutta	IITK	8 weeks	AUG-OCT 2017	22 Oct 17
70	noc17-ma11	Mathematics	Differential equations for engineers	Prof. Srinivasa Manam	IITM	12 weeks	JULY-OCT 2017	22 Oct 17
71	noc17-ma12	Mathematics	Integral equations, calculus of variations and its applications	Prof. P. N. Agrawal Prof.D. N. Pandey	IITR	12 weeks	JULY-OCT 2017	22 Oct 17
72	noc17-ma15	Mathematics	Measure Theory	Prof. Inder Kumar Rana	IITB	12 weeks	JULY-OCT 2017	22 Oct 17
73	noc17-ma16	Mathematics	Numerical Analysis	Prof. R. Usha	IITM	12 weeks	JULY-OCT 2017	22 Oct 17
74	noc17-ma18	Mathematics	Constrained and unconstrained optimization	Prof. A Goswami & Prof. Debjani Chakraborty	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17
75	noc17-ma19	Mathematics	Graph Theory	Prof. Soumen Maity	IISER PUNE	8 weeks	AUG-OCT 2017	22 Oct 17
76	noc17-ma20	Mathematics	Regression analysis	Prof. Soumen Maity	IISER PUNE	12 weeks	JULY-OCT 2017	22 Oct 17
77	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	AUG-OCT 2017	22 Oct 17
78	noc17-me20	Mechanical / Industrial/ Materials science and engineering	Phase Transformation in Materials	Prof. Krishanu Biswas	IITK	12 weeks	JULY-OCT 2017	22 Oct 17
79	noc17-me21	Mechanical / Industrial/ Materials science and engineering	Fundamentals of manufacturing processes	Prof. D K Dwivedi	IITR	12 weeks	JULY-OCT 2017	22 Oct 17
80	noc17-me23	Mechanical / Industrial/ Materials science and engineering	Engineering fracture mechanics	Prof. K.Ramesh	IITM	12 weeks	JULY-OCT 2017	22 Oct 17

81	noc17-me25	Mechanical / Industrial/ Materials science and engineering	Micro and nano scale energy transport	Prof. Arvind Pattamatta	IITM	12 weeks	JULY-OCT 2017	22 Oct 17
82	noc17-me26	Mechanical / Industrial/ Materials science and engineering	Applied Ergonomics	Prof. Shantanu Bhattacharya & Dr. Ankur Gupta	IITK	12 weeks	JULY-OCT 2017	22 Oct 17
83	noc17-me28	Mechanical / Industrial/ Materials science and engineering	Mathematical Methods in Engineering and Science	Prof. Bhaskar Dasgupta	IITK	12 weeks	JULY-OCT 2017	22 Oct 17
84	noc17-me30	Mechanical / Industrial/ Materials science and engineering	Electron diffraction and imaging	Prof. Sundararaman M	IITM	12 weeks	JULY-OCT 2017	22 Oct 17
85	noc17-me32	Mechanical / Industrial/ Materials science and engineering	Acoustic and Noise Control	Prof. Abijith Sarkar	IITM	12 weeks	JULY-OCT 2017	22 Oct 17
86	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	AUG-OCT 2017	22 Oct 17
87	noc17-mm10	Mechanical / Industrial/ Materials science and engineering	Steel Quality : Role of Secondary Refining & Continuous Casting	Prof. Santanu Kr. Ray	IITM	8 weeks	AUG-OCT 2017	22 Oct 17
88	noc17-mm11	Mechanical / Industrial/ Materials science and engineering	X-ray Crystallography & Diffraction	Prof. Ranjit Kumar Ray	IEST Shibpur	12 weeks	JULY-OCT 2017	22 Oct 17

89	noc17-mm12	Mechanical / Industrial/ Materials science and engineering	Noise Management & Control	Prof. Nachiketa Tiwari	IITK	12 weeks	JULY-OCT 2017	22 Oct 17
90	noc17-mm13	Mechanical / Industrial/ Materials science and engineering	Manufacturing Systems Technology I & II	Prof. Shantanu Bhattacharya	IITK	12 weeks	JULY-OCT 2017	22 Oct 17
91	noc17-mm17	Mechanical / Industrial/ Materials science and engineering	Energy conservation and waste heat recovery	Prof. PK Das & Prof. A Bhattacharya	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17
92	noc17-ph06	Physics	Mathematical methods in Physics-I	Prof. Samudra Roy	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17
93	noc17-ph07	Physics	Classical mechanics: from newtonian to lagrangian formulation	Prof. Debamalya Banerjee	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17
94	noc17-ph08	Physics	Solid state physics	Prof. Amal Kumar Das	IITKGP	12 weeks	JULY-OCT 2017	22 Oct 17