

Seq	Course Id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	FDP
1	noc19-me40	Mechanical Engineering	Industrial Safety Engineering	Prof. Jhareswar Maiti	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
2	noc19-me41	Mechanical Engineering	Engineering Mechanics	Prof. K.Ramesh	IITM	12 weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
3	noc19-me42	Mechanical Engineering	Engineering Fracture Mechanics	Prof. K.Ramesh	IITM	12 weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
4	noc19-me43	Mechanical Engineering	Solid Mechanics	Prof. Ajeet Kumar	IITD	12 weeks	New	29-Jul-19	18-Oct-19	16 November 2019	
5	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
6	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	
7	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	
8	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
9	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
10	noc19-me49	Mechanical Engineering	Design Practice	Prof. Shantanu Bhattacharya	IITK	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
11	noc19-me50	Mechanical Engineering	Work System Design	Prof. Inderdeep Singh	IITR	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
12	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
13	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
14	noc19-me53	Mechanical Engineering	Advanced Concepts in Fluid Mechanics	Prof. Suman Chakraborty & Prof. Aditya Bandyopadhyay	IITKGP	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	
15	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
16	noc19-me55	Mechanical Engineering	Fluid Machines	Prof. Sankar Kumar Som	IITKGP	8 Weeks	Rerun	26-Aug-19	18-Oct-19	16 November 2019	
17	noc19-me56	Mechanical Engineering	Concepts of Thermodynamics	Prof. Suman Chakraborty & Prof. Aditya Bandopadhyay	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	
18	noc19-me57	Mechanical Engineering	Applied Thermodynamics For Engineers	Prof.Dipankar N. Basu	IITG	12 Weeks	New	29-Jul-19	18-Oct	16 November 2019	
19	noc19-me58	Mechanical Engineering	Refrigeration and air-conditioning	Prof. Ravi Kumar	IITR	8 Weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	
20	noc19-me59	Mechanical Engineering	Fundamentals of Conduction and Radiation	Prof. Amaresh Dalal Prof. Dipankar N.Basu	IITG	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	

21	noc19-me60	Mechanical Engineering	Energy Conservation and Waste Heat Recovery	Prof. Prasanta Kr Das & Prof. Anandaroop Bhattacharya	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
22	noc19-me61	Mechanical Engineering	Fundamentals of Gas Dynamics	Prof. Sameen.A	IITM	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	
23	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
24	noc19-me63	Mechanical Engineering	Steam Power Engineering	Prof. Vinayak N. Kulkarni	IITG	8 weeks	New	26-Aug-19	18-Oct-19	16 November 2019	
25	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
26	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
27	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
28	noc19-me67	Mechanical Engineering	Manufacturing of Composites	Prof. J. Ramkumar	IITK	8 weeks	Rerun	26-Aug-19	18-Oct-19	17 November 2019	Yes
29	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
30	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
31	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
32	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
33	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
34	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
35	noc19-me74	Mechanical Engineering	Robotics	Prof. DK Pratihari	IITKGP	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
36	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
37	noc19-me76	Mechanical Engineering	Aircraft Propulsion	Prof. Vinayak N. Kulkarni	IITG	12 weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
38	noc19-me77	Mechanical Engineering	Convective Heat Transfer	Prof. Saptarshi Basu	IISc	12 weeks	Rerun	29-Jul-19	18-Oct-19	17 November 2019	Yes
39	noc19-me78	Mechanical Engineering	Manufacturing Automation	Prof. Sounak Kumar Choudhury	IITK	4 Weeks	New	29-Jul-19	23-Aug-19	29 September 2019	Yes