

Seq	Course Id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	FDP
1	noc19-ch17	Chemical Engineering	Chemical Engineering Thermodynamics	Prof. Jayant K. Singh	IITK	12 weeks	New	29-Jul-19	18-Oct-19	16 November 2019	
2	noc19-ch18	Chemical Engineering	Chemical Process Intensification	Prof. Subrata Kumar Majumder	IITG	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
3	noc19-ch19	Chemical Engineering	Chemical Process Safety	Prof. Shishir Sinha	IITR	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
4	noc19-ch20	Chemical Engineering	Chemical Reaction Engineering-I	Prof. Bishnupada Mandal	IITG	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
5	noc19-ch21	Chemical Engineering	Flow through porous media	Prof. Somenath Ganguly	IITKGP	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	Yes
6	noc19-ch22	Chemical Engineering	Fluid and Particle Mechanics	Prof. Sumesh & Prof. Basavaraju	IITM	12 weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
7	noc19-ch23	Chemical Engineering	Heat Transfer	Prof. Sunando Dasgupta	IITKGP	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	
8	noc19-ch24	Chemical Engineering	Natural Gas Engineering	Prof. Pankaj Tiwari	IITG	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	Yes
9	noc19-ch25	Chemical Engineering	Phase Equilibrium Thermodynamics	Prof. Gargi Das	IITKGP	8 weeks	Rerun	29-Jul-19	20-Sep-19	29 September 2019	
10	noc19-ch26	Chemical Engineering	Technologies For Clean And Renewable Energy Production	Prof. P. Mondal	IITR	8 weeks	New	29-Jul-19	20-Sep-19	29 September 2019	Yes
11	noc19-ch27	Chemical Engineering	Continuum Mechanics and Transport Phenomena	Prof. T. Renganathan	IITM	12 Weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
12	noc19-ch28	Chemical Engineering	Introduction to Polymer Physics	Prof. Prateek Kumar Jha	IITR	12 Weeks	Rerun	29-Jul-19	18-Oct-19	16 November 2019	Yes
13	noc19-ch29	Chemical Engineering	Fundamentals of Particle and Fluid Solid Processing	Prof. Arnab Atta	IITKGP	12 Weeks	New	29-Jul-19	18-Oct-19	16 November 2019	
14	noc19-ch30	Chemical Engineering	Unit operations of particulate matter	Prof. Shabina Khanam	IITR	4 weeks	Rerun	29-Jul-19	23-Aug-19	29 September 2019	
15	noc19-ch31	Chemical Engineering	Mass Transfer Operations II	Prof. Chandan Das	IITG	12 weeks	New	29-Jul-19	18-Oct-19	16 November 2019	
16	noc19-ch32	Chemical Engineering	Mechanical Unit Operations	Prof. Nanda Kishore	IITG	12 weeks	New	29-Jul-19	18-Oct-19	17 November 2019	
17	noc19-ee66	Chemical Engineering	Infrared Spectroscopy for Pollution Monitoring	Prof. J R Mudakavi	IISc	4 Weeks	Rerun	29-Jul-19	23-Aug-19	29 September 2019	Yes