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March 23/24 – 2024 April 20/21/27/28 – 2024

Note: Exam dates are subject to change based on seat availability. Final exam date will be given in the Hall Ticket. Possible additional dates for Jan - Apr 2024 semester (March 22 & April 18, 19, 22)

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JAN – APR 2024 SEMESTER

12 week 08 week 04 week

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AEROSPACE ENGINEERING

S.No.	Title of the Course	Instructor	Institution	Course Start Date	Exam Date	FDP
1	Gasdynamics: Fundamentals and Applications	Prof. Srisha Rao M V	IISc	Jan 22, 2024	Apr 27, 2024	Yes
2	Aircraft Design	Prof. A.K.Ghosh	IITK	Jan 22, 2024	Apr 27, 2024	Yes
3	Fundamentals of Theoretical and Experimental Aerodynamics	Prof. Arnab Roy	IITKGP	Jan 22, 2024	Apr 27, 2024	Yes
4	Lighter than Air Systems	Prof. Rajkumar S. Pant	IITB	Jan 22, 2024	Apr 27, 2024	Yes
5	Rocket Propulsion	Prof. K. Ramamurthi & Prof. V. Nagabhusana Rao	IITM	Jan 22, 2024	Apr 27, 2024	Yes
6	Introduction to Aircraft Control System	Prof. Dipak Kumar Giri	IITK	Jan 22, 2024	Apr 28, 2024	Yes
7	Fundamentals of Supersonic and Hypersonic Flow	Prof. Arnab Roy	IITKGP	Jan 22, 2024	Apr 28, 2024	Yes
8	Introduction to Ancient Indian Technology	Prof. D.P. Mishra	IITK	Jan 22, 2024	Mar 23, 2024	Yes
9	Computational Science in Engineering	Prof. Ashok De	IITK	Jan 22, 2024	Mar 24, 2024	Yes
10	Combustion of Solid Fuels and Propellants	Prof. Srinibas Karmakar	IITKGP	Feb 19, 2024	Apr 21, 2024	Yes
11	Aerospace Structural Analysis	Prof. Mira Mitra	IITKGP	Feb 19, 2024	Apr 28, 2024	No
12	Introduction to Experiments in Flight	Prof. A.K.Ghosh	IITK	Jan 22, 2024	Mar 23, 2024	No

CHEMICAL ENGINEERING

S.No.	Title of the Course	Instructor	Institution	Course Start Date	Exam Date	FDP
1	Advanced Thermodynamics and Molecular Simulations	Prof. Prateek Kumar Jha	IITR	Jan 22, 2024	Apr 20, 2024	Yes
2	Basic Principles And Calculations in Chemical Engineering	Prof. Subrata Kumar Majumdar	IITG	Jan 22, 2024	Apr 20, 2024	No
3	Chemical Engineering Fluid Dynamics and Heat Transfer	Prof. Rabibrata Mukherjee & Prof. Arnab Atta	IITKGP	Jan 22, 2024	Apr 20, 2024	Yes
4	Computational Fluid Dynamics	Prof. Sreenivas Jayanti	IITM	Jan 22, 2024	Apr 20, 2024	Yes
5	Computer Aided Applied Single Objective Optimization	Prof. Prakash Kotecha	IITG	Jan 22, 2024	Apr 20, 2024	Yes
6	Environmental Quality Monitoring & Analysis	Prof. Ravi Krishna R	IITM	Jan 22, 2024	Apr 20, 2024	Yes
7	Physico-Chemical Processes for Wastewater Treatment	Prof. Vimal Chandra Srivastava	IITR	Jan 22, 2024	Apr 20, 2024	Yes
8	Inorganic Chemical Technology	Prof. Nanda Kishore	IITG	Jan 22, 2024	Apr 20, 2024	No
9	Chemical Process Technology	Prof. Tamal Banerjee	IITG	Jan 22, 2024	Apr 21, 2024	No
10	Momentum Transfer in Fluids	Prof. Somenath Ganguly & Prof. Sunando DasGupta	IITKGP	Jan 22, 2024	Apr 21, 2024	No
11	Chemical Engineering Thermodynamics	Prof. Sasidhar Gumma	IIT Tirupati	Jan 22, 2024	Apr 21, 2024	No
12	Modeling Stochastic Phenomena for Engineering Applications: Part-1	Prof. Yelia Shankaranarayana Mayya	IITB	Jan 22, 2024	Apr 21, 2024	Yes
13	Applied Statistical Thermodynamics	Prof. Tamal Banerjee	IITG	Jan 22, 2024	Apr 21, 2024	Yes
14	Applied Time-Series Analysis	Prof. Arun K Tangirala	IITM	Jan 22, 2024	Apr 27, 2024	Yes
15	Aspen Plus® Simulation Software - A Basic Course for Beginners	Prof. Prabirkumar Saha	IITG	Jan 22, 2024	Apr 27, 2024	Yes
16	Biomass Conversion and Biorefinery	Prof. Kaustubha Mohanty	IITG	Jan 22, 2024	Apr 27, 2024	Yes
17	Chemical Process Utilities	Prof. Shishir Sinha	IITR	Jan 22, 2024	Apr 27, 2024	Yes
18	Chemical Reaction Engineering II	Prof. Ganesh Vishwanathan	IITB	Jan 22, 2024	Apr 27, 2024	No
19	Fluid Flow Operations	Prof. Subrata Kumar Majumdar	IITG	Jan 22, 2024	Apr 27, 2024	No
20	Heat Transfer	Prof. Ganesh Viswanathan	IITB	Jan 22, 2024	Apr 27, 2024	No
21	Membrane Technology	Prof. Kaustubha Mohanty	IITG	Jan 22, 2024	Apr 27, 2024	Yes
22	Polymer Reaction Engineering	Prof. Shishir Sinha	IITR	Jan 22, 2024	Apr 27, 2024	Yes
23	Process Equipment Design	Prof. Shabina Khanam	IITR	Jan 22, 2024	Apr 27, 2024	No
24	Renewable Energy Engineering: Solar, Wind and Biomass Energy Systems	Prof. Vaibhav Vasant Goud & Prof. R. Anandalakshmi	IITG	Jan 22, 2024	Apr 27, 2024	Yes
25	Advanced Thermodynamics	Prof. Nanda Kishore	IITG	Jan 22, 2024	Apr 27, 2024	Yes
26	Matlab Programming for Numerical Computation	Prof. Niket Kaisare	IITM	Jan 22, 2024	Apr 27, 2024	Yes
26	Characterization of Polymers, Elastomers and Composites	Prof. Santanu Chattopadhyay	IITKGP	Jan 22, 2024	Apr 28, 2024	Yes
27	Electrochemical Technology in Pollution Control	Prof. J. R. Mudakavi	IISc	Jan 22, 2024	Mar 23, 2024	Yes
28	Thermodynamics of Fluid Phase Equilibria	Prof. Jayant K. Singh	IITK	Jan 22, 2024	Mar 23, 2024	Yes
29	Waste to Energy Conversion	Prof. P. Mondal	IITR	Jan 22, 2024	Mar 23, 2024	Yes
30	Biological Process Design for Wastewater Treatment	Prof. Vimal Chandra Srivastava	IITR	Jan 22, 2024	Mar 24, 2024	Yes
31	Multiphase Flows	Prof. Rajesh Kumar Upadhyay	IIT(BHU) Varanasi	Jan 22, 2024	Mar 24, 2024	Yes
32	Multiphase Microfluidics	Prof. Raghvendra Gupta	IITG	Jan 22, 2024	Mar 24, 2024	Yes
33	Physical and Electrochemical Characterizations in Chemical Engineering	Prof. Tamal Banerjee	IITG	Jan 22, 2024	Mar 24, 2024	Yes
34	Computational Process Design	Prof. Hariprasad Kodamana & Prof. Manojkumar Ramteke	IITD	Feb 19, 2024	Apr 21, 2024	No
35	Unit Operations of Particulate Matter	Prof. Shabina Khanam	IITR	Jan 22, 2024	Mar 24, 2024	No

TEXTILE ENGINEERING

S.No.	Title of the Course	Instructor	Institution	Course Start Date	Exam Date	FDP
1	Textile Product Design and Development	Prof. R Chattopadhyay	IITD	Jan 22, 2024	Apr 20, 2024	Yes
2	Evaluation of Textiles Materials	Prof. Apurba Das	IITD	Jan 22, 2024	Apr 21, 2024	No
3	Textured Yarn Technology	Prof. Kushal Sen	IITD	Jan 22, 2024	Apr 27, 2024	Yes
4	Theory of Yarn Structure	Prof. Dipayan Das	IITD	Jan 22, 2024	Apr 27, 2024	Yes
5	New Spinning Technologies	Prof. R Chattopadhyay	IITD	Jan 22, 2024	Apr 27, 2024	Yes
6	Advanced Textile Printing Technology	Prof. Kushal Sen	IITD	Jan 22, 2024	Mar 24, 2024	Yes
7	Testing of Functional and Technical Textiles	Prof. Apurba Das	IITD	Jan 22, 2024	Mar 24, 2024	Yes

OCEAN ENGINEERING

S.No.	Title of the Course	Instructor	Institution	Course Start Date	Exam Date	FDP
1	Advanced Design of Steel Structures	Prof. Srinivasan Chandrasekaran	IITM	Jan 22, 2024	Apr 21, 2024	Yes
2	Offshore Structures Under Special Environmental Loads Including Fire Resistance	Prof. Srinivasan Chandrasekaran	IITM	Jan 22, 2024	Apr 21, 2024	Yes
3	Surface Facilities for Oil and Gas Handling	Prof. Abdus Samad	IITM	Jan 22, 2024	Apr 28, 2024	Yes