

Electives				
1	Advanced Operations Research	Video	Prof. G. Srinivasan	IIT Madras
3	Introduction to Turbulence	Web	Prof.G.Biswas	IIT Kanpur
4	Mechanical Vibrations	Web	Prof. Rajiv Tiwari, Prof. S. K. Dwivedy	IIT Guwahati
Semester 1				
5	Basic Electrical Technology	Web	Prof. G. D. Roy, Prof. N. K. De, Prof. T. K. Bhattacharya	IIT Kharagpur
6	BioChemistry I	Video	Prof. S. Dasgupta	IIT Kharagpur
7	Engineering Chemistry I	Web	Prof. B. L. Tembe, Prof. K. Mangala Sunder	IIT Bombay
8	Engineering Mechanics	Web	Prof. Manoj K. Harbola	IIT Kanpur
9	Engineering Physics I (Experiment)	Web	Prof. Alika Khare , Prof. Pratima Agarwal, Prof. S. Ravi	IIT Guwahati
10	Engineering Physics I (Theory)	Web	Prof. Alika Khare , Prof. Pratima Agarwal, Prof. S. Ravi	IIT Guwahati
11	Mathematics I	Web	Prof. Inder K. Rana	IIT Bombay
12	Physics I - Oscillations & Waves	Video	Prof. S. Bharadwaj	IIT Kharagpur
Semester 2				
13	Basic Electronics	Web	Prof. Y. N. Singh, Prof. Joesph John	IIT Kanpur
14	Basic Electronics and Lab	Web	Prof. T. S. Natarajan	IIT Madras
15	Basic Thermodynamics	Web	Prof. K. Srinivasan, Prof. Pradip Dutta	IISc Bangalore
16	Engineering Chemistry III	Web	Prof. S. Sankararaman, Prof. K.M. Muraleedharan, Prof. Santosh J. Gharpure, Prof. N.Narasimha Murthy	IIT Madras
17	Engineering Physics II	Web	Prof. D. K. Ghosh	IIT Bombay
18	Environment and Ecology	Web	Prof. Anuradha Sharma, Prof. V. B. Upadhyay	IIT Delhi
19	Environmental Chemistry and Analysis	Web	Prof. M. S. Subramanian	IIT Madras
20	Mathematics II	Web	Prof. P. Chandra, Prof. A. K. Lal, Prof. V. Raghavendra, Prof. G. Santhanam	IIT Kanpur
Semester 3				
21	Applied Thermodynamics	Web	Prof. T. Sundararajan, Prof. U. S. Premananda Shet, Prof. J. M. Mallikarjuna	IIT Madras
22	Finite Element Method	Web	Prof. P. M. Dixit	IIT Kanpur
23	Fluid Mechanics	Web	Prof. Gautam Biswas, Prof. S. K. Som (IITKgp)	IIT Kanpur
24	Materials Science	Web	Prof. Satish V. Kailas	IISc Bangalore
25	Mathematics III	Web	Prof. M. Guru Prem Prasad , Prof. Durga C. Dalal	IIT Guwahati
26	Numerical Analysis and Computer Programming	Video	Prof. P. B. Sunil Kumar	IIT Madras
27	Numerical Analysis in Computer Programming	Web	Prof. Rathish Kumar, Prof. V. Raghavendra, Prof. M. K. Kadalbajoo, Prof. P. B. Sunil Kumar	IIT Kanpur
28	Strength of Materials	Web	Prof. V. K. Goel, Prof. S. C. Sharma, Prof. B. K. Mishra	IIT Roorkee
Semester 4				

29	Industrial Engineering	Web	Prof. Pradeep Kumar, Prof. H. S. Shan, Prof. P. K. Jain	IIT Roorkee
30	Kinematics	Web	Prof. Sudipto Mukherjee, Prof. A .K. Mallik (IITK)	IIT Delhi
31	Kinematics of Machines	Video	Prof. Ashok K. Mallik	IIT Kanpur
32	Manufacturing Processes I	Web	Prof. H. S. Shan, Prof. S. R. Gupta, Prof. Pradeep Kumar	IIT Roorkee
33	Mechanical Measurements and Metrology	Web	Prof. S. P. Venkateshan, Prof. M. S. Shanmugam	IIT Madras
34	Principles of Mechanical Measurements	Video	Prof.R.Raman	IIT Madras
Semester 5				
35	Concept of Management and Evolution of Management thought	Video	Prof K B Akhilesh	IISc Bangalore
36	Design of Machine Elements I	Web	Prof. S. K. Roychowdhury, Prof. B. Maiti, Prof. G. Chakraborty	IIT Kharagpur
37	Dynamics of Machines	Web	Prof. P. Seshu, Prof. K. Kurien Isaac, Prof. C. Amarnath	IIT Bombay
38	Heat and Mass Transfer	Web	Prof. Pradip Dutta	IISc Bangalore
39	Management Science I	Web	Prof. M. Thenmozhi	IIT Madras
40	Management Science II	Web	Prof. R. Madhumathi	IIT Madras
41	Manufacturing Processes II	Web	Prof. A. K. Chattopadhyay, Prof. A. B. Chattopadhyay, Prof. S. Paul	IIT Kharagpur
Semester 6				
42	Fluid Machinery	Web	Prof. Gautam Biswas, Prof. S. Sarkar, Prof. S. K. Som (IITKgp)	IIT Kanpur
43	Machine Design II	Web	Prof. K. Gopinath, Prof. M. M. Mayuram	IIT Madras
44	Materials Selection and Design	Web	Prof. Bishakh Bhattacharya	IIT Kanpur
45	Project and Production Management	Web	Prof. Arun Kanda, Prof. S. G. Deshmukh	IIT Delhi
46	Refrigeration and Air Conditioning	Web	Prof. M. Ramgopal	IIT Kharagpur
Semester 7				
47	Computer Aided Design and Manufacturing	Video	Prof. Anoop Chawla, Prof. P. V. Madhusudan Rao	IIT Delhi
48	Computer Aided Design and Manufacturing I	Web	Prof. Anoop Chawla	IIT Delhi
49	Computer Aided Design and Manufacturing II	Web	Prof. P. V. Madhusudan Rao	IIT Delhi
50	Manufacturing Processes I	Web	Prof. H. S. Shan, Prof. S. R. Gupta, Prof. Pradeep Kumar	IIT Roorkee
51	Robotics	Web	Prof. C. Amarnath, Prof. B. Seth, Prof. K. Kurien Issac, Prof. P. S. Gandhi, Prof. P. Seshu	IIT Bombay