

Electives				
1	Composite Materials	Web	Prof. P. C. Pandey	IISc Bangalore
2	Computational Hydraulics	Web	Prof. M. S. Mohan Kumar	IISc Bangalore
3	Foundation Engineering	Web	Prof. Deepankar Choudhury	IIT Bombay
4	Foundation Engineering	Video	Prof. Mahendra Singh, Prof. N. K. Samadhiya, Prof. Priti Maheswari	IIT Roorkee
5	Hydraulics	Web	Prof. B. S. Thandaveswara, Prof. B. S. Murthy	IIT Madras
6	Hydraulics	Video	Prof. Arup Kumar Sharma	IIT Guwahati
7	Introduction to Turbulence	Web	Prof. G. Biswas	IIT Kanpur
8	Mechanics of Solids	Web	Prof. Y. Nath	IIT Delhi
9	Mechanics of solids	Video	Prof. M. S. Sivakumar	IIT Madras
10	Optimization Methods	Web	Prof. D. Nagesh Kumar	IISc Bangalore
11	Reliability Engineering	Web	Prof. G. L. Sivakumar Babu	IISc Bangalore
12	Soil Mechanics	Web	Prof. Baleshwar Singh	IIT Guwahati
13	Soil Mechanics	Video	Prof. G. Venkatachalam, Prof. B. V. S. Viswanadham	IIT Bombay
Semester 1				
14	Basic Electrical Technology	Web	Prof. G. D. Roy, Prof. N. K. De, Prof. T. K. Bhattacharya	IIT Kharagpur
15	Basic Electrical Technology	Video	Prof. L. Umanand	IISc Bangalore
16	BioChemistry I	Video	Prof. S. Dasgupta	IIT Kharagpur
17	Engineering Chemistry I	Web	Prof. B. L. Tembe, Prof. K. Mangala Sunder	IIT Bombay
18	Engineering Chemistry I	Video	Prof. K. Mangala Sunder	IIT Madras
19	Engineering Mechanics	Web	Prof. Manoj K. Harbola	IIT Kanpur
20	Engineering Mechanics	Web	Prof. U. S. Dixit	IIT Guwahati
21	Engineering Mechanics	Video	Prof. Manoj K. Harbola	IIT Kanpur
22	Engineering Mechanics	Video	Prof. U. S. Dixit	IIT Guwahati
23	Engineering Physics I (Experiment)	Web	Prof. Alika Khare, Prof. Pratima Agarwal, Prof. S. Ravi	IIT Guwahati
24	Engineering Physics I (Theory)	Web	Prof. Alika Khare, Prof. Pratima Agarwal, Prof. S. Ravi	IIT Guwahati
25	Mathematics I	Web	Prof. Inder K. Rana	IIT Bombay
26	Mathematics I	Video	Prof. Swagato K. Ray, Prof. Shobha Madan, Prof. P. Shunmugaraj	IIT Kanpur
27	Physics I - Oscillations & Waves	Video	Prof. S. Bharadwaj	IIT Kharagpur
Semester 2				
28	Basic Electronics	Web	Prof. Y. N. Singh, Prof. Joesph John	IIT Kanpur
29	Basic Electronics	Web	Prof. Pramod Agarwal	IIT Roorkee
30	Basic Electronics	Video	Prof. Chitralekha Mahanta	IIT Guwahati
31	Basic Electronics and Lab	Web	Prof. T. S. Natarajan	IIT Madras
32	Basic Electronics and Lab	Video	Prof. T. S. Natarajan	IIT Madras
33	Basic Thermodynamics	Web	Prof. K. Srinivasan, Prof. Pradip Dutta	IISc Bangalore
34	Basic Thermodynamics	Web	Prof. Y. V. C. Rao, Prof. G. Biswas	IIT Kanpur

35	Engineering Chemistry III	Web	Prof. S. Sankararaman, Prof. K.M. Muraleedharan, Prof. Santosh J. Gharpure, Prof. N.Narasimha Murthy	IIT Madras
36	Engineering Physics II	Web	Prof. D. K. Ghosh	IIT Bombay
37	Engineering Physics II	Video	Prof. V. Ravishankar, Prof. S. Raychaudhuri	IIT Kanpur
38	Environment and Ecology	Web	Prof. Anuradha Sharma, Prof. V. B. Upadhyay	IIT Delhi
39	Environmental Chemistry and Analysis	Web	Prof. M. S. Subramanian	IIT Madras
40	Mathematics II	Web	Prof. P. Chandra, Prof. A. K. Lal, Prof. V. Raghavendra, Prof. G. Santhanam	IIT Kanpur
41	Mathematics II	Video	Prof. Sunita Gakhar, Prof. H. G. Sharma, Prof. Tanuja Srivastava	IIT Roorkee
Semester 3				
42	Fluid Mechanics	Web	Prof. Subhashisa Dutta, Prof. N. Sahoo	IIT Guwahati
43	Fluid Mechanics	Video	Prof. T. I. Eldho	IIT Bombay
44	Materials Science	Web	Prof. Satish V. Kailas	IISc Bangalore
45	Mathematics III	Web	Prof. M. Guru Prem Prasad , Prof. Durga C. Dalal	IIT Guwahati
46	Mathematics III	Video	Prof. P. N. Agrawal, Prof. Tanuja Srivastava	IIT Roorkee
47	Numerical Analysis and Computer Programming	Video	Prof. P. B. Sunil Kumar	IIT Madras
48	Numerical Analysis in Computer Programming	Web	Prof. Rathish Kumar, Prof. V. Raghavendra, Prof. M. K. Kadalbajoo, Prof. P. B. Sunil Kumar	IIT Kanpur
49	Strength of Materials	Web	Prof. Ashok Gupta	IIT Delhi
50	Strength of Materials	Video	Prof. S. K. Bhattacharyya	IIT Kharagpur
51	Surveying	Web	Prof. J. K. Ghosh	IIT Roorkee
52	Surveying	Video	Prof. Bharat Lohani	IIT Kanpur
Semester 4				
53	Civil Engineering - Building materials and Construction	Video	Prof. B. Bhattacharjee	IIT Delhi
54	Computer Graphics	Web	Prof. Prem K. Kalra	IIT Delhi
55	Computer Graphics	Video	Prof. Prem K. Kalra	IIT Delhi
56	Engineering Geology	Video	Prof. Debasis Roy	IIT Kharagpur
57	Modern Surveying Techniques	Web	Prof. Onkar Dikshit	IIT Kanpur
58	Modern Surveying Techniques	Video	Prof. S. K. Ghosh	IIT Roorkee
59	Structural Analysis I	Web	Prof. R. S. Jangid	IIT Bombay
Semester 5				
60	Concept of Management and Evolution of Management thought	Video	Prof K B Akhilesh	IISc Bangalore
61	Design of Concrete Structures	Web	Prof. J. N. Bandopadhyay	IIT Kharagpur

62	Environmental Air Pollution	Web	Prof. Mukesh Khare	IIT Delhi
63	Environmental Air Pollution	Video	Prof. Mukesh Sharma	IIT Kanpur
64	Introduction to Transportation Engineering	Video	Prof. K. S. Reddy, Prof. Bhargab Maitra	IIT Kharagpur
65	Management Science I	Web	Prof. M. Thenmozhi	IIT Madras
66	Management Science II	Web	Prof. R. Madhumathi	IIT Madras
67	Pre-stressed Concrete Structures	Web	Prof. Devdas Menon, Prof. Amlan Kumar Sengupta	IIT Madras
68	Pre-stressed Concrete Structures	Video	Prof. Devdas Menon, Prof. Amlan Kumar Sengupta	IIT Madras
69	Structural Analysis II	Web	Prof. L. S. Ramachandra, Prof. Sudhir Kumar Barai	IIT Kharagpur
70	Structural Analysis II	Video	Prof. P. Banerji	IIT Bombay
71	Transportation Engineering I	Web	Prof. Tom V. Mathew	IIT Bombay
Semester 6				
72	Advanced Transportation Engineering	Web	Prof. Partha Chakraborty, Prof. A. Das	IIT Kanpur
73	Construction Planning and Management	Web	Prof. Arbind Kumar Singh	IIT Guwahati
74	Infrastructure Planning and Management	Web	Prof A. Veeraragavan	IIT Madras
Semester 7				
75	Design of steel structures	Video	Prof. Damodar Maity	IIT Guwahati
76	Design of Steel Structures I	Web	Prof. A. R. Shantha Kumar, Prof. S. R. Satishkumar	IIT Madras
77	Water Resources Engineering	Web	Prof. Dhruvajyoti Sen	IIT Kharagpur
78	Water Resources Engineering	Video	Prof. Rajesh Srivastava, Prof. P. Mohapatra	IIT Kanpur
Semester 8				
79	Design of Steel Structures II	Web	Prof. A. R. Shantha Kumar, Prof. S. R. Satishkumar	IIT Madras
80	Water and Waste Water Engineering	Web	Prof. P. Bose	IIT Kanpur
81	Water and Waste Water Engineering	Video	Prof. Ligy Philip, Prof. C. Venkobachar , Prof. B. S. Murty	IIT Madras