

DHANEKULA's DEPARTMENT OF CIVIL ENGINEERING

LIST OF NPTEL WEB COURSES

S.No	Course Name	Coordinators	Institute	Weblink
1	Advance Geotechnological Engineering	Dr. Nihar Ranjan Patra	IIT Kanpur	http://nptel.ac.in/courses/10510413 2/
2	Advanced Foundation Engineering	Dr. T.G. Sitharam	IISc Bangalore	http://nptel.ac.in/courses/10510806 9/
3	Advanced Hydraulics	Dr. C. S. P. Ojha	IIT Roorkee	http://nptel.ac.in/courses/10510705 9/
4	Advanced Hydrology	Dr. Subhankar Karmakar	IIT Bombay	http://nptel.ac.in/courses/10510100 2/
5	Advanced Solid Mechanics	Dr. U. Saravanan	IIT Madras	http://nptel.ac.in/courses/10510604 9/
6	Advanced Techniques in Geotechnical and Foundation Engineering	Dr. Nainan P. Kurian	PSG College of Technology	http://nptel.ac.in/courses/10510614 4/
7	Advanced Transportation Engineering	Prof. A. Das	IIT Kanpur	http://nptel.ac.in/courses/10510409 8/
		Prof. Partha Chakraborty		
8	Applied Elasticity for Engineers	Dr. L. Govindaraju	Bangalore University	http://nptel.ac.in/courses/10510807 0/
		Dr. T.G. Sitharam	IISc Bangalore	
9	Composite Materials	Dr. P.C. Pandey	IISc Bangalore	http://nptel.ac.in/courses/10510812 4/
10	Computational Hydraulics	Prof. M.S. Mohan Kumar	IISc Bangalore	http://nptel.ac.in/courses/10510812 5/
11	Concepts in Geotechnical and Foundation Engineering	Dr. Nainan P. Kurian	PSG College of Technology	http://nptel.ac.in/courses/10510614 2/
12	Construction Economics & Finance	Dr. Bulu Pradhan	IIT Guwahati	http://nptel.ac.in/courses/10510302 3/
13	Construction Planning and Management	Prof. Arbind Kumar Singh	IIT Guwahati	http://nptel.ac.in/courses/10510309 3/
14	Continuum Damage Mechanics	Dr. P.C. Pandey	IISc Bangalore	http://nptel.ac.in/courses/10510807 2/

15	Design of Concrete Structures	Prof. J.N. Bandopadhyay	IIT Kharagpur	http://nptel.ac.in/courses/10510510 4/
16	Design of Steel Structures I	Prof. S.R. Satishkumar	IIT Madras	http://nptel.ac.in/courses/10510611 2/
		Prof. A.R. Shantha Kumar		
17	Design of Steel Structures II	Prof. S.R. Satishkumar	IIT Madras	http://nptel.ac.in/courses/10510611 3/
		Prof. A.R. Shantha Kumar		
18	Environmental Air Pollution	Prof. Mukesh Khare	IIT Delhi	http://nptel.ac.in/courses/10510208 9/
19	Financing Infrastructure Projects	Dr. Laishram Boeing Singh	IIT Guwahati	http://nptel.ac.in/courses/10510313 3/
20	Finite Element Analysis	Prof. S.K. Bhattacharyya	IIT Kharagpur	http://nptel.ac.in/courses/10510504 1/
		Dr. D. Maity		
21	Fluid Mechanics	Dr. Subhashisa Dutta	IIT Guwahati	http://nptel.ac.in/courses/10510309 5/
		Dr. N. Sahoo		
22	Foundation Analysis and Design	Dr. Nihar Ranjan Patra	IIT Kanpur	http://nptel.ac.in/courses/10510413 7/
23	Foundation Engineering	Dr. Deepankar Choudhury	IIT Bombay	http://nptel.ac.in/courses/10510108 3/
24	G.I.S in Civil Engineering	Dr. A.K. Gosain	IIT Delhi	http://nptel.ac.in/courses/10510201 5/
25	Geo-environmental Engineering	Dr. S. Sreedeeep	IIT Guwahati	http://nptel.ac.in/courses/10510302 5/
26	Geo-informatics in Transportation Engineering	Dr. Ashish Verma	IISc Bangalore	http://nptel.ac.in/courses/10510807 3/
27	Geotechnical Earthquake Engineering	Dr. Nihar Ranjan Patra	IIT Kanpur	http://nptel.ac.in/courses/10510413 6/
28	Geotechnical Earthquake Engineering	Dr. Gali Madhavi Latha	IISc Bangalore	http://nptel.ac.in/courses/10510807 4/
29	Global Positioning System	Dr. R.D. Garg	IIT Roorkee	http://nptel.ac.in/courses/10510706 2/
30	Ground Improvement Techniques	Dr. Nihar Ranjan Patra	IIT Kanpur	http://nptel.ac.in/courses/10510403 4/

31	Ground Water Hydrology	Dr. Rajib K. Bhattacharjya	IIT Guwahati	http://nptel.ac.in/courses/105103026/
32	Hydraulics	Prof. B.S. Murty	IIT Madras	http://nptel.ac.in/courses/105106114/
		Dr. B.S. Thandaveswara		
33	Hydrological Measurements and Analysis of Data	Dr. Sharad Kumar Jain	IIT Roorkee	http://nptel.ac.in/courses/105107129/
34	Infrastructure Planning and Management	Dr. Ashwin Mahalingam	IIT Madras	http://nptel.ac.in/courses/105106115/
		Prof. A. Veeraragavan		
35	Introduction to Earthquake Engineering	Dr. R.S. Jangid	IIT Bombay	http://nptel.ac.in/courses/105101004/
36	Introduction to Engineering Seismology	Dr. P. Anbazhagan	IISc Bangalore	http://nptel.ac.in/courses/105108076/
37	Mechanics of Solids	Prof. Y. Nath	IIT Delhi	http://nptel.ac.in/courses/105102090/
38	Modern Surveying Techniques	Dr. Onkar Dikshit	IIT Kanpur	http://nptel.ac.in/courses/105104100/
39	Optimization Methods	Dr. D. Nagesh Kumar	IISc Bangalore	http://nptel.ac.in/courses/105108127/
40	Pre-stressed Concrete Structures	Prof. Devdas Menon	IIT Madras	http://nptel.ac.in/courses/105106117/
		Dr. Amlan Kumar Sengupta		
41	Probability Methods in Civil Engineering	Dr. C. Mallikarjuna	IIT Guwahati	http://nptel.ac.in/courses/105103027/
42	Probability Methods in Civil Engineering	Dr. Rajib Maity	IIT Kharagpur	http://nptel.ac.in/courses/105105138/
43	Reliability Engineering	Dr. G.L. Sivakumar Babu	IISc Bangalore	http://nptel.ac.in/courses/105108128/
44	Remote Sensing	Dr. D. Nagesh Kumar	IISc Bangalore	http://nptel.ac.in/courses/105108077/
45	Site Characterisation & Instrumentation	Dr. P. Anbazhagan	IISc Bangalore	http://nptel.ac.in/courses/105108078/
46	Soil Dynamics	Dr. S. Mittal	IIT Roorkee	http://nptel.ac.in/courses/105107066/
47	Soil Mechanics	Prof. Baleshwar Singh	IIT Guwahati	http://nptel.ac.in/courses/105103097/

48	Solid & Hazardous Waste Management	Dr. Indumathi Nambi	IIT Madras	http://nptel.ac.in/courses/105106056/
49	Structural Analysis I	Dr. Siddhartha Ghosh	IIT Bombay	http://nptel.ac.in/courses/105101085/
		Dr. R.S. Jangid		
50	Structural Analysis II	Prof. L.S.	IIT Kharagpur	http://nptel.ac.in/courses/105105109/
		Ramachandra Kumar Barai		
51	Structural Reliability	Dr. Arunasis Chakraborty	IIT Guwahati	http://nptel.ac.in/courses/105103140/
52	Surveying	Prof. J.K. Ghosh	IIT Roorkee	http://nptel.ac.in/courses/105107122/
53	Traffic Engineering & Management	Dr. Tom V Mathew	IIT Bombay	http://nptel.ac.in/courses/105101008/
54	Transportation Engineering I	Dr. Tom V Mathew	IIT Bombay	http://nptel.ac.in/courses/105101087/
55	Urban transportation planning	Dr. M. Parida	IIT Roorkee	http://nptel.ac.in/courses/105107067/
56	Wastewater management	Dr. M.M. Ghangrekar	IIT Kharagpur	http://nptel.ac.in/courses/105105048/
57	Water and Waste Water Engineering	Dr. P. Bose	IIT Kanpur	http://nptel.ac.in/courses/105104102/
58	Water Resources Engineering	Dr. Dhruvjayoti Sen	IIT Kharagpur	http://nptel.ac.in/courses/105105110/
59	Water Resources Systems Planning and Management	Dr. D. Nagesh Kumar	IISc Bangalore	http://nptel.ac.in/courses/105108081/
60	Advanced Structural Analysis	Dr. Pradeep Bhargava	IIT Roorkee	http://nptel.ac.in/syllabus/syllabus.php?subjectId=105107060
61	Advanced Structural Design	Dr. Kaustubh Dasgupta	IIT Guwahati	http://nptel.ac.in/syllabus/syllabus.php?subjectId=105103022
62	Contaminant Transport in Natural and Manmade Systems	Prof. M.S. Mohan Kumar	IISc Bangalore	http://nptel.ac.in/syllabus/syllabus.php?subjectId=105108071
63	Design of Hydraulic Structures	Dr. Dhruvjayoti Sen	IIT Kharagpur	http://nptel.ac.in/syllabus/syllabus.php?subjectId=105105040

64	Elements of photogrammetry	Dr. Kamal Jain	IIT Roorkee	http://nptel.ac.in/syllabus/syllabus.php?subjectId=105107061
65	Modern Construction Materials	Dr. Umesh Sharma	IIT Roorkee	http://nptel.ac.in/syllabus/syllabus.php?subjectId=105107063
66	Pavement Design	Dr. Praveen Kumar	IIT Roorkee	http://nptel.ac.in/syllabus/syllabus.php?subjectId=105107064
67	Remote Sensing	Dr. P.K. Garg	IIT Roorkee	http://nptel.ac.in/syllabus/syllabus.php?subjectId=105107065
68	Rock Mechanics	Dr. V.B. Maji	IIT Madras	http://nptel.ac.in/syllabus/syllabus.php?subjectId=105106055
69	Structural Dynamics	Dr. A. Meher Prasad	IIT Madras	http://nptel.ac.in/syllabus/syllabus.php?subjectId=105101006
70	Transportation Economics	Dr. Akhilesh Kumar Maurya	IIT Guwahati	http://nptel.ac.in/syllabus/syllabus.php?subjectId=105103028
71	Unsaturated Soil Mechanics	Dr. Tadikonda Venkata Bharat	IIT Guwahati	http://nptel.ac.in/syllabus/syllabus.php?subjectId=105103139
72	Watershed Management	Dr. Deepak Khare	IIT Roorkee	http://nptel.ac.in/syllabus/syllabus.php?subjectId=105107068
73	Analytical Methods for Transportation Engineers	Prof. Partha Chakroborty	IIT Kanpur	http://nptel.ac.in/syllabus/syllabus.php?subjectId=105104134