

**685 NPTEL VIDEO COURSES DETAIL (With Direct Access Link to 26,740 Video Lectures - Updated as on November 29, 2016)****Electrical Engineering**

No.	Courses	Coordinators	Institute	Syllabus	PDF	MP3
1	<a href="#">Advanced Control Systems</a>	Prof. S. Majhi	IIT Guwahati	<a href="#">Syllabus</a>	Y	Y
2	<a href="#">Advanced Electric Drives</a>	Dr. S.P. Das	IIT Kanpur	<a href="#">Syllabus</a>	Y	Y
3	<a href="#">An Introduction to Electronics Systems Packaging</a>	Prof. G.V. Mahesh	IISc Bangalore	<a href="#">Syllabus</a>	Y	Y
4	<a href="#">Analog ICs</a>	Prof. K. Radhakrishna Rao	IIT Madras	<b>Syllabus</b>	Y	Y
5	<a href="#">Basic Electrical Technology</a>	Prof. L. Umanand	IISc Bangalore	<a href="#">Syllabus</a>	Y	Y
6	<a href="#">Chaos, Fractals &amp; Dynamic Systems</a>	Prof. S. Banerjee	IIT Kharagpur	<b>Syllabus</b>	Y	Y
7	<a href="#">Circuit Theory</a>	Prof. S.C. Dutta Roy	IIT Delhi	<a href="#">Syllabus</a>	Y	Y
8	<a href="#">Control Engineering</a>	Prof. S.D. Agashe	IIT Bombay	<a href="#">Syllabus</a>	Y	Y
9	<a href="#">Control Engineering</a>	Prof. M. Gopal	IIT Delhi	<b>Syllabus</b>	Y	Y
10	<a href="#">Digital Integrated Circuits</a>	Prof. Amitava Dasgupta	IIT Madras	<b>Syllabus</b>	Y	Y
11	<a href="#">Digital Signal Processing</a>	Prof. T.K. Basu	IIT Kharagpur	<b>Syllabus</b>	Y	Y
12	<a href="#">Dynamics of Physical Systems</a>	Prof. S. Banerjee	IIT Kharagpur	<b>Syllabus</b>	Y	Y
13	<a href="#">Electrical Machines -I</a>	Dr. D.Kastha	IIT Kharagpur	<a href="#">Syllabus</a>	Y	Y
14	<a href="#">Electromagnetic Fields</a>	Prof. Harishankar Ramachandran	IIT Madras	<a href="#">Syllabus</a>	Y	Y
15	<a href="#">Embedded Systems</a>	Prof. Santanu Chaudhary	IIT Delhi	<a href="#">Syllabus</a>	Y	Y
16	<a href="#">Energy Resources &amp; Technology</a>	Prof. S. Banerjee	IIT Kharagpur	<b>Syllabus</b>	Y	Y
17	<a href="#">Estimation of Signals and Systems</a>	Prof. S. Mukhopadhyay	IIT Kharagpur	<b>Syllabus</b>	Y	Y
18	<a href="#">Fabrication of Silicon VLSI Circuits using the MOS technology</a>	Prof. A.N. Chandorkar	IIT Bombay	<b>Syllabus</b>	N	Y
19	<a href="#">High Voltage DC Transmission</a>	Dr. S.N. Singh	IIT Kanpur	<a href="#">Syllabus</a>	Y	Y
20	<a href="#">Illumination Engineering</a>	Prof. N.K. Kishore	IIT Kharagpur	<a href="#">Syllabus</a>	Y	Y
21	<a href="#">Industrial Automation and Control</a>	Prof. S. Mukhopadhyay, Prof. S. Sen	IIT Kharagpur	<a href="#">Syllabus</a>	Y	Y
22	<a href="#">Industrial Drives - Power Electronics</a>	Prof. K. Gopakumar	IISc Bangalore	<a href="#">Syllabus</a>	Y	Y
23	<a href="#">Industrial Instrumentation</a>	Prof. Alok Barua	IIT Kharagpur	<a href="#">Syllabus</a>	Y	Y
24	<a href="#">Intelligent Systems and Control</a>	Prof. Laxmidhar Behera	IIT Kanpur	<a href="#">Syllabus</a>	Y	Y
25	<a href="#">Modelling and Analysis of Electric Machines</a>	Dr. Krishna Vasudevan	IIT Madras	<a href="#">Syllabus</a>	N	Y
26	<a href="#">Networks and Systems</a>	Prof. V.G.K. Murti	IIT Madras	<b>Syllabus</b>	Y	Y
27	<a href="#">Networks Signals and Systems</a>	Prof. T.K. Basu	IIT Kharagpur	<b>Syllabus</b>	Y	Y
28	<a href="#">NOC:Analog Circuits</a>	Dr. Nagendra Krishnapura	IIT Madras	<a href="#">Syllabus</a>	Y	Y
29	<a href="#">NOC:Computational Electromagnetics &amp; Applications</a>	Prof. Krish Sankaran	IIT Bombay	<a href="#">Syllabus</a>	N	Y
30	<a href="#">NOC:Electromagnetic theory</a>	Dr. Pradeep Kumar K	IIT Kanpur	<a href="#">Syllabus</a>	N	Y
31	<a href="#">NOC:Industrial Automation and Control(Course sponsored by Aricent)</a>	Prof. S. Mukhopadhyay	IIT Kharagpur	<a href="#">Syllabus</a>	N	Y
32	<a href="#">NOC:Introduction to Non Linear Dynamics</a>	Prof. Gaurav Raina	IIT Madras	<a href="#">Syllabus</a>	N	N
33	<a href="#">Nonlinear Dynamical Systems</a>	Prof. Harish K. Pillai, Prof. Madhu N. Belur	IIT Bombay	<a href="#">Syllabus</a>	Y	Y
34	<a href="#">Optimal Control</a>	Prof. G.D. Ray	IIT Kharagpur	<a href="#">Syllabus</a>	Y	Y
35	<a href="#">Power Electronics</a>	Prof. B.G. Fernandes, Prof. Kishore Chatterjee	IIT Bombay	<a href="#">Syllabus</a>	Y	Y
36	<a href="#">Power Electronics and Distributed Generation</a>	Dr. Vinod John	IISc Bangalore	<a href="#">Syllabus</a>	Y	Y
37	<a href="#">Power System Analysis</a>	Prof. A.K. Sinha	IIT Kharagpur	<a href="#">Syllabus</a>	Y	Y
38	<a href="#">Power System Dynamics</a>	Dr. M.L. Kothari	IIT Delhi	<b>Syllabus</b>	Y	Y

39	<a href="#">Power System Dynamics and Control</a>	Dr. A.M. Kulkarni	IIT Bombay	<a href="#">Syllabus</a>	N	Y
40	<a href="#">Power System Generation, Transmission and Distribution (Encapsulated fro</a>	Prof. D.P. Kothari	IIT Delhi	<b>Syllabus</b>	Y	Y
41	<a href="#">Power Systems Operation and Control</a>	Dr. S.N. Singh	IIT Kanpur	<a href="#">Syllabus</a>	Y	Y
42	<a href="#">Probability Foundation for Electrical Engineers</a>	Dr. Krishna Jagannathan	IIT Madras	<a href="#">Syllabus</a>	Y	Y
43	<a href="#">Pulse width Modulation for Power Electronic Converters</a>	Dr. G. Narayanan	IISc Bangalore	<a href="#">Syllabus</a>	N	Y
44	<a href="#">Switched Mode Power Conversion</a>	Prof. L. Umanand, Prof. V. Ramanarayanan	IISc Bangalore	<a href="#">Syllabus</a>	Y	Y