

**GUDLAVALLERU ENGINEERING COLLEGE: GUDLAVALLERU**

**ELECTRICAL AND ELECTRONICS ENGINEERING  
LIST OF NPTEL WEB COURSES**

<b>S.No</b>	<b>Course Name</b>	<b>Coordinators</b>	<b>Institute</b>	<b>Web Link</b>
1	Basic Electrical Technology	Prof. G.D. Roy	IIT Kharagpur	<a href="http://nptel.ac.in/courses/108105053/">http://nptel.ac.in/courses/108105053/</a>
		Prof. N.K. De		
		Prof. T.K. Bhattacharya		
2	Computer Aided Power System Analysis	Dr. Vinay Pant	IIT Roorkee	<a href="http://nptel.ac.in/courses/108107028/">http://nptel.ac.in/courses/108107028/</a>
		Dr. B. Das		
3	Control Engineering	Prof. M. Gopal	IIT Delhi	<a href="http://nptel.ac.in/courses/108102044/">http://nptel.ac.in/courses/108102044/</a>
4	Digital Control System	Prof. S. Majhi	IIT Guwahati	<a href="http://nptel.ac.in/courses/108103008/">http://nptel.ac.in/courses/108103008/</a>
		Dr. Indrani Kar		
5	Electrical Machines I	Prof. P. Sasidhara Rao	IIT Madras	<a href="http://nptel.ac.in/courses/108106071/">http://nptel.ac.in/courses/108106071/</a>
		Prof. G. Sridhara Rao		
		Dr. Krishna Vasudevan		
6	Electrical Machines II	Prof. P. Sasidhara Rao	IIT Madras	<a href="http://nptel.ac.in/courses/108106072/">http://nptel.ac.in/courses/108106072/</a>
		Prof. G. Sridhara Rao		
		Dr. Krishna Vasudevan		
7	Embedded Systems	Prof. A. Routray	IIT Kharagpur	<a href="http://nptel.ac.in/courses/108105057/">http://nptel.ac.in/courses/108105057/</a>
		Prof. Rajib Mall		
		Prof. Amit Patra		
8	Energy Management Systems and SCADA	Dr. K. Shanti Swarup	IIT Madras	<a href="http://nptel.ac.in/courses/108106022/">http://nptel.ac.in/courses/108106022/</a>
9	High Voltage Engineering	Prof. Ravindra Arora	IIT Kanpur	<a href="http://nptel.ac.in/courses/108104048/">http://nptel.ac.in/courses/108104048/</a>
10	Illumination Engineering	Prof. N.K. Kishore	IIT Kharagpur	<a href="http://nptel.ac.in/courses/108105061/">http://nptel.ac.in/courses/108105061/</a>
11	Industrial Automation and Control	Prof. S. Sen	IIT Kharagpur	<a href="http://nptel.ac.in/courses/108105063/">http://nptel.ac.in/courses/108105063/</a>
		Prof. S. Mukhopadhyay		
12	Industrial Drives	Dr.K .R. Rajagopal	IIT Delhi	<a href="http://nptel.ac.in/courses/108102046/">http://nptel.ac.in/courses/108102046/</a>
13	Industrial Instrumentation	Prof. V. Jayashankar	IIT Madras	<a href="http://nptel.ac.in/courses/108106074/">http://nptel.ac.in/courses/108106074/</a>
14	Introduction to Hybrid and Electric Vehicles	Dr. Praveen Kumar	IIT Guwahati	<a href="http://nptel.ac.in/courses/108103009/">http://nptel.ac.in/courses/108103009/</a>
		Prof. S. Majhi		
15	Microprocessor	Dr. Pramod Agarwal	IIT Roorkee	<a href="http://nptel.ac.in/courses/108107029/">http://nptel.ac.in/courses/108107029/</a>

16	Non-Conventional Energy Systems	Prof. L. Umanand	IISc Bangalore	<a href="http://nptel.ac.in/courses/108108078/">http://nptel.ac.in/courses/108108078/</a>
17	Nonlinear Control System	Dr. Arun D. Mahindrakar	IIT Madras	<a href="http://nptel.ac.in/courses/108106024/">http://nptel.ac.in/courses/108106024/</a>
18	Power Electronics	Prof. Sabyasachi Sengupta	IIT Kharagpur	<a href="http://nptel.ac.in/courses/108105066/">http://nptel.ac.in/courses/108105066/</a>
		Prof. N.K. De		
		Prof. D.Prasad		
		Dr. D.Kastha		
19	Power Quality in Power Distribution Systems	Dr. Mahesh Kumar	IIT Madras	<a href="http://nptel.ac.in/courses/108106025/">http://nptel.ac.in/courses/108106025/</a>
20	Power System Protection	Prof. S.A. Soman	IIT Bombay	<a href="http://nptel.ac.in/courses/108101039/">http://nptel.ac.in/courses/108101039/</a>
21	Power System Stability and Control	Dr. B. Kalyan Kumar	IIT Madras	<a href="http://nptel.ac.in/courses/108106026/">http://nptel.ac.in/courses/108106026/</a>
22	Power Systems Analysis	Prof. Arindam Ghosh	IIT Kanpur	<a href="http://nptel.ac.in/courses/108104051/">http://nptel.ac.in/courses/108104051/</a>
23	Power Systems Operation and Control	Dr. A.M. Kulkarni	IIT Bombay	<a href="http://nptel.ac.in/courses/108101040/">http://nptel.ac.in/courses/108101040/</a>
24	Restructured Power Systems	Prof. S.A. Khaparde	IIT Bombay	<a href="http://nptel.ac.in/courses/108101005/">http://nptel.ac.in/courses/108101005/</a>
		Dr. A.R. Abhyankar	IIT Delhi	
25	Advanced Power Electronics	Dr. Bhim Singh	IIT Delhi	<a href="http://nptel.ac.in/syllabus/syllabus.php?subjectId=108103005">http://nptel.ac.in/syllabus/syllabus.php?subjectId=108103005</a>
26	Advanced Power Electronics	Dr. Pramod Agarwal	IIT Roorkee	<a href="http://nptel.ac.in/syllabus/syllabus.php?subjectId=108107027">http://nptel.ac.in/syllabus/syllabus.php?subjectId=108107027</a>
27	EHV Power Transmission Engineering	Dr. Joy Thomas M	IISc Bangalore	<a href="http://nptel.ac.in/syllabus/syllabus.php?subjectId=108108027">http://nptel.ac.in/syllabus/syllabus.php?subjectId=108108027</a>
28	Microprocessor and Peripheral Devices	Dr. Pramod Agarwal	IIT Roorkee	<a href="http://nptel.ac.in/syllabus/syllabus.php?subjectId=108107087">http://nptel.ac.in/syllabus/syllabus.php?subjectId=108107087</a>
29	Modeling and Analysis of Electric Machines	Prof. Mukul Chandorkar	IIT Bombay	<a href="http://nptel.ac.in/syllabus/syllabus.php?subjectId=108101001">http://nptel.ac.in/syllabus/syllabus.php?subjectId=108101001</a>
30	Power Electronic Applications in Power Systems	Dr. P. Sensarma	IIT Kanpur	<a href="http://nptel.ac.in/syllabus/syllabus.php?subjectId=108104011">http://nptel.ac.in/syllabus/syllabus.php?subjectId=108104011</a>
31	Switched Mode Power Conversion	Dr. P. Sensarma	IIT Kanpur	<a href="http://nptel.ac.in/syllabus/syllabus.php?subjectId=108104015">http://nptel.ac.in/syllabus/syllabus.php?subjectId=108104015</a>