

GUDLAVALLERU ENGINEERING COLLEGE: GUDLAVALLERU

ELECTRONICS AND COMMUNICATION ENGINEERING

LIST OF NPTEL WEB COURSES

S.No.	Course	Coordinators	Institute	Web Links
1	Advanced Antenna Theory	Dr. Amalendu Patnaik	IIT Roorkee	http://nptel.ac.in/courses/117107035/
2	Analog Circuits	Dr. Pramod Agarwal	IIT Roorkee	http://nptel.ac.in/courses/117107094/
3	Basic Electronics	Dr. Pramod Agarwal	IIT Roorkee	http://nptel.ac.in/courses/117107095/
4	Biophotonics	Dr. Manoj Varma	IISc Bangalore	http://nptel.ac.in/courses/117108037/
5	Communication Networks and Switching	Prof. S.L. Maskara	IIT Kharagpur	http://nptel.ac.in/courses/117105076/
6	Digital Circuits	Prof. Roy Paily Palanthinkal	IIT Guwahati	http://nptel.ac.in/courses/117103064/
		Prof. Anil Mahanta		
7	Digital Communication	Prof. Saswat Chakrabarti	IIT Kharagpur	http://nptel.ac.in/courses/117105077/
		Prof. R.V. Rajakumar		
8	Digital Image Processing	Prof. Sumana Gupta	IIT Kanpur	http://nptel.ac.in/courses/117104069/
9	Digital Signal Processing	Prof. Govind Sharma	IIT Kanpur	http://nptel.ac.in/courses/117104070/
10	Electromagnetic Fields	Dr. Ratnajit Bhattacharjee	IIT Guwahati	http://nptel.ac.in/courses/117103065/
11	High Speed Semiconductor Devices	Prof. Anjan Ghosh	IIT Kanpur	http://nptel.ac.in/courses/117104071/

12	IC Technology	Prof. Indrajit Chakraborty	IIT Guwahati	http://nptel.ac.in/courses/117103066 /
		Prof. Roy Paily Palanthinkal		
13	Information Theory and Coding	Prof. Pavan S Nuggehalli	IISc Bangalore	http://nptel.ac.in/courses/117108097 /
14	Microcontrollers and Applications	Dr. S.P. Das	IIT Kanpur	http://nptel.ac.in/courses/117104072 /
15	Multimedia processing	Prof. Somnath Sengupta	IIT Kharagpur	http://nptel.ac.in/courses/117105083 /
16	Optical Communication	Prof. D.K. Ghosh	IIT Bombay	http://nptel.ac.in/courses/117101054 /
		Prof. R.K. Shevgaonkar		
17	Pattern Recognition	Dr. K.Vijayarekha	SASTRA University	http://nptel.ac.in/courses/117106100 /
18	Principles of Communication	Prof. V. Venkat Rao	IIT Madras	http://nptel.ac.in/courses/117106090 /
19	Probability and Random Processes	Prof. Prabin K Bora	IIT Guwahati	http://nptel.ac.in/courses/117103067 /
20	Queuing Systems	Prof. S.K. Bose	IIT Guwahati	http://nptel.ac.in/courses/117103017 /
21	Semiconductor Devices	Dr. G.S. Visweswaran	IIT Delhi	http://nptel.ac.in/courses/117102061 /
22	Semiconductor Optical Communication Components and Devices	Dr. Utpal Das	IIT Kanpur	http://nptel.ac.in/courses/117104022 /
23	Signal Detection and Estimation Theory	Dr. R. Sinha	IIT Guwahati	http://nptel.ac.in/courses/117103018 /

24	Signals and Systems	Prof. V.M. Gadre	IIT Bombay	http://nptel.ac.in/courses/117101055/
25	Transmission Lines and EM Waves	Prof. R.K. Shevgaonkar	IIT Bombay	http://nptel.ac.in/courses/117101057/
26	VLSI Design	Prof. A.N. Chandorkar	IIT Bombay	http://nptel.ac.in/courses/117101058/
27	Adaptive Signal Processing	Prof. Mrityunjay Chakraborty	IIT Kharagpur	http://nptel.ac.in/syllabus/syllabus.php?subjectId=117105026
28	Advance Digital Communication	Dr. P.R. Sahu	IIT Guwahati	http://nptel.ac.in/syllabus/syllabus.php?subjectId=117103015
29	Advanced Mobile Communication	Dr. Ratnajit Bhattacharjee	IIT Guwahati	http://nptel.ac.in/syllabus/syllabus.php?subjectId=117103016
30	Analog IC Design	Dr. A. Halder	IIT Kharagpur	http://nptel.ac.in/syllabus/syllabus.php?subjectId=117105027
31	Digital Video Signal Processing	Prof. Sumana Gupta	IIT Kanpur	http://nptel.ac.in/courses/117104020/
32	Microwave Theory and Techniques	Prof. B.K. Sarkar	IIT Kharagpur	http://nptel.ac.in/syllabus/syllabus.php?subjectId=117105029
		Dr. Amitabha Bhattacharya		
33	Optical Networks	Prof. Subrat Kar	IIT Delhi	http://nptel.ac.in/syllabus/syllabus.php?subjectId=117102011
34	Satellite Communication Systems	Dr. Debashis Ghosh	IIT Roorkee	http://nptel.ac.in/syllabus/syllabus.php?subjectId=117107036
		Dr. Amalendu Patnaik		
35	Simulation of Communication Systems	Dr. Adrish Banerjee	IIT Kanpur	http://nptel.ac.in/syllabus/syllabus.php?subjectId=117104024

36	Statistical Signal Processing	Prof. R.K. Patney	IIT Delhi	http://nptel.ac.in/syllabus/syllabus.php?subjectId=117102013
37	Structures and Methods in Communications and Signal Processing	Prof. Govind Sharma	IIT Kanpur	http://nptel.ac.in/syllabus/syllabus.php?subjectId=117104025
38	Advanced VLSI Design	Prof. A.N. Chandorkar	IIT Bombay	http://nptel.ac.in/syllabus/syllabus.php?subjectId=117101003
		Prof. D.K. Sharma		
		Prof. Sachin Patkar		
		Prof. M.P. Desai		
39	Introduction to Digital Speech Processing	Prof. S. Dasmandal	IIT Kharagpur	http://nptel.ac.in/syllabus/syllabus.php?subjectId=117105102