

GUDLAVALLERU ENGINEERING COLLEGE: GUDLAVALLERU
COMPUTER SCIENCE & ENGINEERING AND INFORMATION TECHNOLOGY

LIST OF NPTEL WEB COURSES

S.No	Course Name	Coordinators	Institute	Web Link
1	Artificial Intelligence	Prof. P. Mitra	IIT Kharagpur	http://nptel.ac.in/courses/106105078/
		Prof. S. Sarkar		
2	CAD for VLSI Design I	Prof. V. Kamakoti	IIT Madras	http://nptel.ac.in/courses/106106088/
		Prof. Shankar Balachandran		
3	CAD for VLSI Design II	Prof. V. Kamakoti	IIT Madras	http://nptel.ac.in/courses/106106089/
		Prof. Shankar Balachandran		
4	Compiler Design	Prof. Sanjeev K Aggarwal	IIT Kanpur	http://nptel.ac.in/courses/106104072/
5	Computational Number Theory & Cryptography	Dr. Pinaki Mitra	IIT Guwahati	http://nptel.ac.in/courses/106103015/
6	Computer Graphics	Prof. Prem K Kalra	IIT Delhi	http://nptel.ac.in/courses/106102063/
7	Computer Networks	Prof. Ajit Pal	IIT Kharagpur	http://nptel.ac.in/courses/106105080/
8	Computer Networks	Prof. Hema A Murthy	IIT Madras	http://nptel.ac.in/courses/106106091/
9	Computer Organisation and Architecture	Prof. Bhaskaran Raman	IIT Kanpur	http://nptel.ac.in/courses/106104073/
10	Computer Organization and Architecture	Prof. Jatindra Kumar Deka	IIT Guwahati	http://nptel.ac.in/courses/106103068/
11	Data Communications	Prof. H.S. Jamadagni	IISc Bangalore	http://nptel.ac.in/courses/106108098/
12	Data Structures and Program Methodology	Dr. Pradip K Das	IIT Guwahati	http://nptel.ac.in/courses/106103069/
		Dr. S.V. Rao		
13	Design and Analysis of Algorithms	Prof. Sundar Viswanathan	IIT Bombay	http://nptel.ac.in/courses/106101059/
		Prof. Ajit A Diwan		
		Prof. Abhiram G Ranade		
14	Digital Image Processing	Dr. G. Harit	IIT Kharagpur	http://nptel.ac.in/courses/106105032/
15	Digital Systems	Prof. N.J. Rao	IISc Bangalore	http://nptel.ac.in/courses/106108099/

16	Distributed Computing Systems	Prof. Ananthanarayana V.S	IIT Madras	http://nptel.ac.in/courses/106106107/
17	Human-Computer Interaction	Pradeep P Yammiyavar	IIT Guwahati	http://nptel.ac.in/courses/106103115/
		Dr.Samit Bhattacharya		
18	Indexing and Searching Techniques in Databases	Dr. Arnab Bhattacharya	IIT Kanpur	http://nptel.ac.in/courses/106104021/
19	Introduction to Database Systems and Design	Prof. P.Sreenivasa Kumar	IIT Madras	http://nptel.ac.in/courses/106106095/
20	Introduction to Problem Solving and Programming	Prof. S. Arun Kumar	IIT Delhi	http://nptel.ac.in/courses/106102066/
21	Microprocessors and Microcontrollers	Prof. Krishna Kumar	IISc Bangalore	http://nptel.ac.in/courses/106108100/
22	Operating Systems	Prof. P.C.P. Bhatt	IISc Bangalore	http://nptel.ac.in/courses/106108101/
23	Parallel Algorithms	Prof. R. Seethalakshmi	SASTRA University	http://nptel.ac.in/courses/106106112/
		Dr. N. Sairam		
24	Parallel Computer Architecture	Dr. Mainak Chaudhuri	IIT Kanpur	http://nptel.ac.in/courses/106104024/
25	Pattern Recognition	Prof. V. Susheela Devi	IISc Bangalore	http://nptel.ac.in/courses/106108057/
		Prof. M. Narasimha Murty		
26	Principles of Communication	Prof. Hema A Murthy	IIT Madras	http://nptel.ac.in/courses/106106097/
27	Program Optimization for Multi-core Architectures	Prof. Rajat Moona	IIT Kanpur	http://nptel.ac.in/courses/106104025/
		Dr. Mainak Chaudhuri		
		Prof. Sanjeev K Aggarwal		
28	Real Time Systems	Prof. Rajib Mall	IIT Kharagpur	http://nptel.ac.in/courses/106105086/
29	Software Engineering	Prof. Rajib Mall	IIT Kharagpur	http://nptel.ac.in/courses/106105087/
30	System Analysis and Design	Prof. V. Rajaraman	IISc Bangalore	http://nptel.ac.in/courses/106108103/
31	Theory of Automata and Formal Languages	Dr. Diganta Goswami	IIT Guwahati	http://nptel.ac.in/courses/106103070/
32	VLSI Design Verification and Test	Dr. Santosh Biswas	IIT Guwahati	http://nptel.ac.in/courses/106103016/
		Prof. Jatindra Kumar Deka		
33	Bioinformatics	Prof. Harish Karnick	IIT Kanpur	http://nptel.ac.in/syllabus/syllabus.php?subjectId=106104018
		Dr. Arnab Bhattacharya		
		Prof. Somenath Biswas		

35	Self-Stabilizing Distributed Algorithms	Dr. Sushanta Karmakar	IIT Guwahati	http://nptel.ac.in/syllabus/syllabus.php?subjectId=106103117
36	Software Architecture and Design	Prof. T.V. Prabhakar	IIT Kanpur	http://nptel.ac.in/syllabus/syllabus.php?subjectId=106104027