

Library

STATISTICS OF NPTEL VIDEO COURSES - PHASE I**Department Wise**

Sr. No.	Branch	Total Lectures
1	Basic Sciences	18
2	Computer Engineering	11
3	Electrical Engineering	21
4	Electronics & Telecommunication Engineering	21
5	Information Technology	6
6	Mechanical Engineering	16
Total		93

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LIST OF NPTEL VIDEO COURSES - PHASE I

Sr. No.		Lecture Name
Basic Sciences		
1	i	Physics I - Oscillations & Waves
2	ii	Engineering Mechanics
3	iii	Basic Electronics
4	iv	Basic Electronics and Lab
5	v	Mathematics I
6	vi	Numerical Analysis and Computer Programming
7	vii	Concept of Management and Evolution of Management thought
8	viii	Quantum Physics
9	ix	Engineering Chemistry I
10	x	Engineering Physics II
11	xi	Basic Electronic Lab
12	xii	Classical Physics
13	xiii	Strategic Management
14	xiv	Leadership
15	xv	Management Information System
16	xvi	Mathematics II
17	xvii	Mathematics III
18	xviii	Numerical Methods and Computation
Computer Engineering		
19	i	Artificial Intelligence
20	ii	computer graphics
21	iii	Principles of Programming Languages
22		System Analysis and Design
23	v	Data Structures And Algorithms
24	vi	Design and Analysis of Algorithms
25	vii	Database Design

LIST OF NPTEL VIDEO COURSES - PHASE I

Sr. No.		Lecture Name
26	viii	Artificial Intelligence 2
27	ix	Computer Organization
28	x	Computer Graphics(Intro.)
Electrical Engineering		
29	i	Basic Electrical Technology
30	ii	Circuit Theory
31	iii	Electromagnetic Fields
32	iv	Power Systems Analysis
33	v	Control Engineering
34	vi	Power Systems Operation and Control
35	vii	Power Electronics
36	viii	Industrial Drives - Power Electronics
37	ix	Embedded Systems
38	x	Intelligent Systems and Control
39	xi	Industrial Automation and Control
40	xii	Illumination Engineering
41	xiii	Industrial Instrumentation
42	xiv	Chaos, Fractals & Dynamic Systems
43	xv	Energy Resources & Technology
44	xvi	Power System Generation, Transmission and Distribution (Encapsulated from earlier Video)
45	xvii	Networks Signals and Systems
46	xviii	Networks and Systems
47	xix	Digital Integrated Circuits
48	xx	Analog ICs
49	xxi	Digital Signal Processing
Electronics and Telecommunication Engineering		
50	i	Basic Electronics
51	ii	Solid State Devices
52	iii	Basic Electronics and Lab

LIST OF NPTEL VIDEO COURSES - PHASE I

Sr. No.		Lecture Name
53	iv	Digital Circuits and Systems
54	v	Communication Engineering
55	vi	Digital Signal Processing
56	vii	VLSI Circuits
57	viii	Transmission Lines and EM Waves
58	ix	High Speed Devices and Circuits
59	x	Probability and Random Processes
60	xi	Digital Image Processing
61	xii	Adaptive Signal Processing
62	xiii	Digital Voice & Picture Communication
63	xiv	Wireless Communication
64	xv	MEMS and Microsystems
65	xvi	Digital Communication
66	xvii	Electronics for Analog Signal Processing - I
67	xviii	Electronics for Analog Signal Processing - II
68	xix	Digital Systems Design
69	xx	VLSI Technology
70	xxi	Digital Computer Organization
Information Technology		
71	i	Introduction to Problem Solving and Programming
72	ii	Data Communication
73	iii	Computer Networks
74	iv	Internet Technology
75	v	Computer Architecture
76	vi	Software Engineering
Mechanical Engineering		
77	i	Strength of Materials(mech Engg)
78	ii	Mechanical Measurements and Metrology
79	iii	Advanced Strength of Materials
80	iv	Kinematics of Machines

LIST OF NPTEL VIDEO COURSES - PHASE I

Sr. No.		Lecture Name
81	v	Design of Machine Elements I
82	vi	Manufacturing Processes II
83	vii	Heat and Mass Transfer
84	viii	Project and Production Management
85	ix	Refrigeration and Air Conditioning
86	x	Computer Aided Design and Manufacturing
87	xi	Robotics
88	xii	Finite Element Method
89	xiii	Introduction to Finite Element Method
90	xiv	Principles of Mechanical Measurements
91	xv	Fundamentals of Operations Research
92	xvi	Dynamics of Machine