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

Physics

No.	Courses	Coordinators	Institute	Syllabus	PDF	MP3
1	Astrophysics & Cosmology	Prof. S. Bharadwaj	IIT Kharagpur	Syllabus	N	Y
2	Classical Field Theory	Prof. Suresh Govindarajan	IIT Madras	Syllabus	Y	Y
3	Condensed Matter Physics	Prof. G. Rangarajan	IIT Madras	Syllabus	Y	Y
4	Electromagnetic Theory	Prof. D.K. Ghosh	IIT Bombay	Syllabus	N	Y
5	Electronics	Prof. D.C. Dube	IIT Delhi	Syllabus	Y	Y
6	NOC: Mechanics, heat oscillations and waves	Prof. V. Balakrishnan	IIT Madras	Syllabus	Y	Y
7	NOC:Engineering Mechanics	Prof. Manoj K Harbola	IIT Kanpur	Syllabus	N	Y
8	NOC:Introduction to Electromagnetism	Prof. Manoj K Harbola	IIT Kanpur	Syllabus	N	Y
9	NOC:Quantum Information and Computing	Prof.Dipan Ghosh	IIT Bombay	Syllabus	N	Y
10	Nonequilibrium Statistical Mechanics	Prof. V. Balakrishnan	IIT Madras	Syllabus	N	Y
11	Nuclear Physics: Fundamentals and Applications	Prof. H.C. Verma	IIT Kanpur	Syllabus	Y	Y
12	NUCLEAR REACTORS AND SAFETY- AN INTRODUCTION	Dr.G.Vaidyanathan	IIT Madras	Syllabus	N	Y
13	Physical Applications of Stochastic Processes	Prof. V. Balakrishnan	IIT Madras	Syllabus	N	Y
14	Plasma Physics: Fundamentals and Applications	Prof. Vijayshri,Prof. V.K. Tripathi	IIT Delhi	Syllabus	Y	Y
15	Quantum Electronics	Prof. K. Thyagarajan	IIT Delhi	Syllabus	Y	Y
16	Quantum Field Theory	Dr. Prasanta Tripathy	IIT Madras	Syllabus	Y	Y
17	Quantum Mechanics and Applications	Prof. Ajoy Ghatak	IIT Delhi	Syllabus	Y	Y
18	Quantum Mechanics I	Prof. S. Lakshmi Bala	IIT Madras	Syllabus	Y	Y
19	Relativistic Quantum Mechanics	Prof. Apoorva D Patel	IISc Bangalore	Syllabus	Y	Y
20	Selected Topics in Mathematical Physics	Prof. V. Balakrishnan	IIT Madras	Syllabus	Y	Y
21	Semiconductor Optoelectronics	Prof. M. R. Shenoy	IIT Delhi	Syllabus	Y	Y
22	Special Theory of Relativity	Prof. Shiva Prasad	IIT Bombay	Syllabus	N	Y
23	Special/Select Topics in Atomic Physics	Prof. P.C. Deshmukh	IIT Madras	Syllabus	N	Y
24	Special/Select Topics in Classical Mechanics	Prof. P.C. Deshmukh	IIT Madras	Syllabus	Y	Y
25	Special/Select Topics in the Theory of Atomic Collisions and Spectroscopy	Prof. P.C. Deshmukh	IIT Madras	Syllabus	N	Y
26	Topics in Nonlinear Dynamics	Prof. V. Balakrishnan	IIT Madras	Syllabus	N	Y