

DIGIMAT DIGITAL LEARNING PLATFORM – HTML-5 BASED PLATFORM FOR STREAMING 40,000+ NPTEL VIDEO LECTURES IN LAN				
http://www.digimat.in				
No	NPTEL Discipline	12 Weeks (Course Starts : January 22, 2018) Total Courses : 82	NPTEL Course Link	New / Rerun
1	Computer Science and Engineering	1. Computer Organization and Architecture: A Pedagogical Aspect	http://nptel.ac.in/courses/106103180/	New
		2. Social Network	http://nptel.ac.in/courses/106106169/	Rerun
		3. Embedded Systems Design	http://nptel.ac.in/courses/106105159/	Rerun
		4. VLSI Physical Design	http://nptel.ac.in/courses/106105161/	Rerun
		5. Cryptography and Network Security	http://nptel.ac.in/courses/106105162/	Rerun
		6. Introduction to Internet of Things	http://nptel.ac.in/courses/106105166/	Rerun
		7. Problem Solving through Programming in C	http://nptel.ac.in/courses/106105171/	New
		8. Synthesis of Digital Systems	http://nptel.ac.in/courses/106102181/	New
		9. Artificial Intelligence: Knowledge Representation and Reasoning	http://nptel.ac.in/courses/106106140/	Rerun
		10. Introduction to Machine Learning	http://nptel.ac.in/courses/106106139/	Rerun
		11. Reinforcement Learning	http://nptel.ac.in/courses/106106143/	Rerun
2	Mathematics	1. Numerical Linear Algebra	http://nptel.ac.in/courses/111107106/	New
		2. Chaotic Dynamical Systems	http://nptel.ac.in/courses/111102110/	New
		3. Stochastic Processes	http://nptel.ac.in/courses/111102098/	Rerun
3	Physics	1. Atomic and Molecular Physics	http://nptel.ac.in/courses/115105100/	New
		2. Nuclear and Particle Physics	http://nptel.ac.in/courses/115103101/	New
		3. Semiconductor Optoelectronics	http://nptel.ac.in/courses/115102103/	New
4	Chemistry	1. Chemistry of Main Group Elements	http://nptel.ac.in/courses/104101090/	New
		2. Transition Metal Organometallic Chemistry: Principles to Applications	http://nptel.ac.in/courses/104101091/	New
		3. A Study Guide in Organic Retrosynthesis: Problem Solving Approach	http://nptel.ac.in/courses/104105087/	New
		4. Introduction to Chemical Thermodynamics and Kinetics	http://nptel.ac.in/courses/104106089/	New
		5. Biochemistry	http://nptel.ac.in/courses/104105076/	Rerun
		6. Quantum Computing	http://nptel.ac.in/courses/104104082/	Rerun
5	Humanities and Social Sciences	1. An Introduction to Microeconomics	http://nptel.ac.in/courses/109104125/	New
		2. Sociological Perspectives on Modernity	http://nptel.ac.in/courses/109103133/	New

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		3. Introduction to Cognitive Psychology	http://nptel.ac.in/courses/109103134/	New
		4. Patent Law for Engineers and Scientists	http://nptel.ac.in/courses/110106081/	Rerun
		5. Better Spoken English	http://nptel.ac.in/courses/109106067/	Rerun
6	Electrical Engineering	1. Antennas	http://nptel.ac.in/courses/108101092/	Rerun
		2. Basic Electronics	http://nptel.ac.in/courses/108101091/	Rerun
		3. Control Engineering	http://nptel.ac.in/courses/108106098/	Rerun
		4. Electromagnetic Theory	http://nptel.ac.in/courses/108104087/	Rerun
		5. Power System Engineering	http://nptel.ac.in/courses/108105104/	New
		6. Principles of Signals and Systems	http://nptel.ac.in/courses/108104100/	New
		7. Industrial Automation and Control	http://nptel.ac.in/courses/108105088/	Rerun
		8. Deep Learning for Visual Computing	http://nptel.ac.in/courses/108105103/	New
		9. Principles of Communication Systems-I	http://nptel.ac.in/courses/108104091/	Rerun
7	Electronics and Communication	1. Analog IC Design	http://nptel.ac.in/courses/108106105/	New
		2. Biomedical Signal Processing	http://nptel.ac.in/courses/108105101/	New
		3. Microprocessors and Microcontrollers	http://nptel.ac.in/courses/108105102/	New
		4. Mathematical Methods and Techniques in Signal Processing	http://nptel.ac.in/courses/108108109/	New
		5. Integrated Circuits, MOSFETs, Op-Amps and their Applications	http://nptel.ac.in/courses/108108111/	New
8	Civil Engineering	1. Energy Efficiency, Acoustics and Daylighting in Building	http://nptel.ac.in/courses/105102175/	New
		2. Mechanics of Materials	http://nptel.ac.in/courses/105106172/	New
		3. Applied Environmental Microbiology	http://nptel.ac.in/courses/105107173/	New
		4. Soil Mechanics / Geotechnical Engineering-I	http://nptel.ac.in/courses/105105168/	New
		5. Mineral Resources: Geology, Exploration, Economics and Environment	http://nptel.ac.in/courses/105105170/	New
		6. Introduction to Mineral Processing	http://nptel.ac.in/courses/105105171/	New
9	Ocean Engineering	1. Computer Methods of Structural Analysis of Offshore Structures	http://nptel.ac.in/courses/114106045/	New
		2. Water Economics and Governance	http://nptel.ac.in/courses/114105044/	New
		3. Reliability of Offshore Structures	http://nptel.ac.in/courses/114106041/	Rerun
10	Management	1. Six Sigma	http://nptel.ac.in/courses/110105039/	Rerun
		2. Quality Design and Control	http://nptel.ac.in/courses/110105088/	New
		3. Financial Statement Analysis and Reporting	http://nptel.ac.in/courses/110107073/	Rerun
		4. Design and Analysis of Experiments	http://nptel.ac.in/courses/110105087/	New
		5. Business Analytics for Management Decision	http://nptel.ac.in/courses/110105089/	New

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		6. Business Analysis and Data Mining Modeling using R	http://nptel.ac.in/courses/110107092/	New
		7. Soft Skills for Business Negotiations and Marketing Strategies	http://nptel.ac.in/courses/110105090/	New
11	Multidisciplinary	1. Rheology of Complex Materials	http://nptel.ac.in/courses/103106131/	New
		2. Virtual Reality Engineering	http://nptel.ac.in/courses/121106013/	New
12	Chemical Engineering	1. Heat Transfer	http://nptel.ac.in/courses/103101137/	New
		2. Fluidization Engineering	http://nptel.ac.in/courses/103103132/	New
		3. Applied Time-Series Analysis	http://nptel.ac.in/courses/103106123/	Rerun
		4. Chemical Process Instrumentation	http://nptel.ac.in/courses/103105130/	New
		5. Transport Processes I: Heat and Mass Transfer	http://nptel.ac.in/courses/103108123/	Rerun
13	Mechanical Engineering	1. Operations Management	http://nptel.ac.in/courses/112107238/	New
		2. Introduction to Composites	http://nptel.ac.in/courses/112104229/	New
		3. Spray Theory	http://nptel.ac.in/courses/112106154/	Rerun
		4. Advanced Fluid Mechanics		
		5. Convective Heat Transfer	http://nptel.ac.in/courses/112108246/	New
		6. Manufacturing Process Technology I & II	http://nptel.ac.in/courses/112104195/	Rerun
			http://nptel.ac.in/courses/112104204/	Rerun
		7. Fundamentals of Nuclear Power Generation	http://nptel.ac.in/courses/112103243/	New
		8. Machinery Fault Diagnosis and Signal Processing	http://nptel.ac.in/courses/112105232/	New
		9. Compliant Mechanisms: Principles and Design	http://nptel.ac.in/courses/112108211/	Rerun
		10. Introduction to Mechanical Micro Machining	http://nptel.ac.in/courses/112105231/	New
		11. Theory of Production Processes	http://nptel.ac.in/courses/112107239/	New
		12. Experimental Stress Analysis	http://nptel.ac.in/courses/112106247/	New
14	Metallurgical and Materials Engineering	1. Physics of Materials	http://nptel.ac.in/courses/113106039/	Rerun
		2. Material Characterization	http://nptel.ac.in/courses/113106034/	Rerun
		3. Introduction to Materials Science and Engineering	http://nptel.ac.in/courses/113102080/	New
15	Biotechnology and Biosciences	1. Bioinformatics: Algorithms and Applications	http://nptel.ac.in/courses/102106065/	New
		2. Aspects of Biochemical Engineering	http://nptel.ac.in/courses/102105064/	New