

NPTEL Courses

S. No.	Name of the Course	Name of the Course Coordinator	Number of Credit for the Course	Discipline	SWAYAM Course home page (URL)	Name of the Degree Program
1.	Introduction to Aircraft Design	Prof. Rajkumar Pant	3	Aerospace Engineering	https://onlinecourses.nptel.ac.in/noc22_ae14/preview	All Degree programs
2.	Sustainable Architecture	Prof. Avlokita Agrawal	3	Architecture and Planning	https://onlinecourses.nptel.ac.in/noc22_ar12/preview	All Degree programs
3.	Modern Indian Architecture	Prof. P.S. Chani	2	Architecture and Planning	https://onlinecourses.nptel.ac.in/noc22_ar13/preview	All Degree programs
4.	Urban Landuse And Transportation Planning	Prof. Debapratim Pandit	3	Architecture And Planning	https://onlinecourses.nptel.ac.in/noc22_ar15/preview	All Degree programs
5.	International Studies in Vernacular Architecture	Prof. Ram Sateesh Pasupuleti	1	Architecture And Planning	https://onlinecourses.nptel.ac.in/noc22_ar17/preview	All Degree programs
6.	Polymers: concepts, properties, uses and	Prof. Abhijit P Deshpande	3	Chemical Engineering	https://onlinecourses.nptel.ac.in/noc22_ch43/preview	All Degree programs
7.	Basic Environmental Engineering and Pollution	Prof. P. Mondal	3	Chemical Engineering	https://onlinecourses.nptel.ac.in/noc22_ch45/preview	All Degree programs
8.	Principles and Practices of Process Equipment and Plant	Prof. Gargi Das Prof S Ray	3	Chemical Engineering	https://onlinecourses.nptel.ac.in/noc22_ch48/preview	All Degree programs
9.	Metals In Biology	Prof. D. Maiti	2	Chemistry	https://onlinecourses.nptel.ac.in/noc22_cy38/preview	All Degree programs

10.	Environmental Geomechanics	Prof. D. N. Singh	3	Civil Engineering	https://onlinecourses.nptel.ac.in/noc22_ce102/preview	All Degree programs
11.	Plastic Waste Management	Prof. Brajesh Kumar Dubey	2	Civil Engineering	https://onlinecourses.nptel.ac.in/noc22_ce72/preview	All Degree programs
12.	Wastewater Treatment And Recycling	Prof. Manoj Kumar Tiwari	3	Civil Engineering	https://onlinecourses.nptel.ac.in/noc22_ce76/preview	All Degree programs
13.	Environmental Modeling and Simulation	Prof. Gargi Singh	3	Civil Engineering	https://onlinecourses.nptel.ac.in/noc22_ce77/preview	All Degree programs
14.	Municipal Solid Waste Management	Prof. Ajay Kalamdhad	3	Civil Engineering	https://onlinecourses.nptel.ac.in/noc22_ce82/preview	All Degree programs
15.	Software Testing	Prof. Meenakshi D'souza	3	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs61/preview	All Degree programs
16.	Computational Number Theory and Algebra	Prof. Nitin Saxena	3	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs62/preview	All Degree programs
17.	Theory of Computation	Prof. Raghunath Tewari	2	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs63/preview	All Degree programs
18.	Big Data Computing	Prof. Rajiv Misra	2	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs65/preview	All Degree programs
19.	Artificial Intelligence : Search Methods For Problem solving	Prof. Deepak Khemani	3	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs67/preview	All Degree programs
20.	C Programming and Assembly Language	Prof. Janakiraman Viraraghavan	1	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs68/preview	All Degree programs
21.	Programming, Data Structures And Algorithms Using	Prof. Madhavan Mukund	2	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs70/preview	All Degree programs

	Python					
22.	Introduction to Machine Learning	Prof. Balaraman Ravindran	3	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs73/preview	All Degree programs
23.	Python for Data Science	Prof. Rangunathan Rengasamy	1	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs74/preview	All Degree programs
24.	Reinforcement Learning	Prof. Balaraman Ravindran	3	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs75/preview	All Degree programs
25.	Introduction to Operating Systems	Prof. Chester Rebeiro	2	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs78/preview	All Degree programs
26.	Introduction to Quantum Computing: Quantum Algorithms and Qiskit	Prof. Prabha Mandayam Prof. Anupama Ray Prof. Sheshashayee	1	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs79/preview	All Degree programs
27.	Applied Accelerated Artificial Intelligence	Prof. Satyajit Das Prof. Satyadhyan Chickerur Prof. Bharatkumar Sharma Prof. Adesuyi Tosin	3	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs83/preview	All Degree programs
28.	Cloud Computing	Prof. Soumya Kanti Ghosh	3	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs87/preview	All Degree programs
29.	Computer Architecture And Organization	Prof. Indranil Sengupta Prof. Kamalika Datta	3	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs88/preview	All Degree programs
30.	Computer Vision	Prof. Jayanta Mukhopadhyay	3	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs89/preview	All Degree programs
31.	Data Base Management System	Prof. Partha Pratim Das Prof. Ansuman	2	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc	All Degree

		Banerjee Prof. Kausik Datta			22_cs91/preview	programs
32.	Data Structure And Algorithms Using Java	Prof. Debasis Samanta	3	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs92/preview	All Degree programs
33.	Introduction To Internet Of Things	Prof. Sudip Misra	3	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs96/preview	All Degree programs
34.	Natural Language Processing	Prof. Pawan Goyal	3	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs98/preview	All Degree programs
35.	Operating System Fundamentals	Prof. Santanu Chattopadhyay	3	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs100/preview	All Degree programs
36.	Problem Solving Through Programming In C	Prof. Anupam Basu	3	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs101/preview	All Degree programs
37.	Programming In Java	Prof. Debasis Samanta	3	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs102/preview	All Degree programs
38.	Programming In Modern C++	Prof. Partha Pratim Das	3	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs103/preview	All Degree programs
39.	Software Project Management	Prof. Rajib Mall Prof. Durga Prasad Mohapatra	3	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs107/preview	All Degree programs
40.	Computer Graphics	Prof. Samit Bhattacharya	2	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs111/preview	All Degree programs
41.	Introduction to Computer and Network Performance Analysis using Queuing Systems	Prof. Varsha Apte	1	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs114/preview	All Degree programs
42.	Algorithmic Game Theory	Prof. Palash Dey	3	Computer Science and Engineering	https://onlinecourses.nptel.ac.in/noc22_cs116/preview	All Degree programs
43.	Social Networks	Prof. Sudarshan Iyengar	3	Computer Science and	https://onlinecourses.nptel.ac.in/noc	All Degree

				Engineering	22_cs121/preview	programs
44.	Introduction to robotics	Prof. Asokan T Prof. Balaraman Ravindran Prof. Krishna Vasudevan	3	Design Engineering	https://onlinecourses.nptel.ac.in/noc22_de11/preview	All Degree programs
45.	Design, Technology and Innovation	Prof. B. K. Chakravarthy	2	Design Engineering	https://onlinecourses.nptel.ac.in/noc22_de16/preview	All Degree programs
46.	Introduction to Microeconomics in Hindi and	Prof. Vimal Kumar	3	Economics	https://onlinecourses.nptel.ac.in/noc22_hs70/preview	All Degree programs
47.	Environmental & Resource Economics	Prof. Sabuj Kumar Mandal	3	Economics	https://onlinecourses.nptel.ac.in/noc22_hs71/preview	All Degree programs
48.	Basics of software defined Radios	Prof. Meenakshi Rawat	1	Electrical and Electronics Engineering	https://onlinecourses.nptel.ac.in/noc22_ee78/preview	All Degree programs
49.	Basics of Health Promotion and Education Intervention	Prof. Arista Lahiri Prof. Sweety Suman Jha Prof. Chandrasekhar taklikar Prof. Madhumita Dobe	2	Public Health	https://onlinecourses.nptel.ac.in/noc22_ge18/preview	All Degree programs
50.	Health Research Fundamentals	Prof. P. Manickam	2	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs73/preview	All Degree programs
51.	Patent Drafting for Beginners	Prof. Feroz Ali	1	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs74/preview	All Degree programs
52.	Text, Textuality and Digital Media	Prof. Arjun Gosh	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs75/preview	All Degree programs
53.	Soft skills	Prof. Binod Mishra	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs76/preview	All Degree programs

54.	Developing Soft Skills and Personality	Prof. T Ravichandran	2	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs77/preview	All Degree programs
55.	Body language: Key to professional Success	Prof. Rashmi Gaur	1	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs78/preview	All Degree programs
56.	Introduction to Literary Theory	Prof. Sayan Chattopadhyay	2	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs79/preview	All Degree programs
57.	Brief introduction to Psychology	Prof. Braj Bhushan	1	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs80/preview	All Degree programs
58.	Psychology of Everyday	Prof. Braj Bhushan Prof. Alok Bajpai	1	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs81/preview	All Degree programs
59.	Cognition, Transformation and Lives	Prof. Alok Bajpai	1	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs82/preview	All Degree programs
60.	Sociology of Science	Prof. Aninday Jayant Mishra	1	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs83/preview	All Degree programs
61.	Introduction to Japanese Language and Culture	Prof. Vatsala Misra	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs84/preview	All Degree programs
62.	Applied Linguistics	Prof. Rajesh Kumar	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs85/preview	All Degree programs
63.	Appreciating Carnatic Music	Prof. Lakshmi Sreeram	2	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs86/preview	All Degree programs
64.	Patent Law for Engineers and Scientists	Prof. Feroz Ali	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs87/preview	All Degree programs
65.	German - I	Prof. Milind Brahme	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs88/preview	All Degree programs
66.	German - II	Prof. Milind Brahme	3	Humanities and Social	https://onlinecourses.nptel.ac.in/noc	All Degree

				Sciences	22_hs89/preview	programs
67.	Economics of IPR	Prof. Nalin Bharti	1	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs90/preview	All Degree programs
68.	The Popular Gothic Novel	Prof. Divya A	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs91/preview	All Degree programs
69.	Classical Sociological Theory	Prof. R. Santhosh	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs92/preview	All Degree programs
70.	Poetry	Prof. S P Dhanavel	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs93/preview	All Degree programs
71.	Literary Theory and Literary Criticism	Prof. Aysha Iqbal	2	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs94/preview	All Degree programs
72.	Game Theory	Prof.K.S. Mallikarjuna Rao	2	Management	https://onlinecourses.nptel.ac.in/noc22_mg76/preview	All Degree programs
73.	Strategy: An Introduction to game Theory	Prof. Aditya Jagannatham Prof. Vimal Kumar	2	Management	https://onlinecourses.nptel.ac.in/noc22_mg77/preview	All Degree programs
74.	Gender Justice And Workplace Security	Prof. Dipa Dube	1	Management	https://onlinecourses.nptel.ac.in/noc22_mg96/preview	All Degree programs
75.	Knowledge Management	Prof. KBL Srivastava	2	Management	https://onlinecourses.nptel.ac.in/noc22_mg99/preview	All Degree programs
76.	Management Information System	Prof. Kunal Kanti Ghosh Prof. Saini Das Prof. Surojit Mukherjee	3	Management	https://onlinecourses.nptel.ac.in/noc22_mg100/preview	All Degree programs
77.	Patent Search and Analysis	Prof. M. Padmavati Prof. Shreya Matilal	2	Management	https://onlinecourses.nptel.ac.in/noc22_mg101/preview	All Degree programs

78.	Numerical Methods	Prof. Ameeya Kumar Nayak Prof. Sanjeev Kumar	2	Mathematics	https://onlinecourses.nptel.ac.in/noc22_ma39/preview	All Degree programs
79.	Essential Mathematics For Machine Learning	Prof. Sanjeev Kumar Prof. S.K. Gupta	3	Mathematics	https://onlinecourses.nptel.ac.in/noc22_ma40/preview	All Degree programs
80.	Mathematical Methods and its Applications	Prof. P.N. Agarwal Prof.S.K Gupta	3	Mathematics	https://onlinecourses.nptel.ac.in/noc22_ma41/preview	All Degree programs
81.	Foundations of R Software (In Hindi Language)	Prof. Shalabh	3	Mathematics	https://onlinecourses.nptel.ac.in/noc22_ma70/preview	All Degree programs
82.	Introduction To Composites	Prof. Nachiketa Tewari	3	Mechanical Engineering	https://onlinecourses.nptel.ac.in/noc22_me87/preview	All Degree programs
83.	Elements of Solar Energy Conversion	Prof. Jishnu Bhattacharya	3	Mechanical Engineering	https://onlinecourses.nptel.ac.in/noc22_me98/preview	All Degree programs
84.	Robotics	Prof. D. K. Pratihar	2	Mechanical Engineering	https://onlinecourses.nptel.ac.in/noc22_me109/preview	All Degree programs
85.	Aircraft Propulsion	Prof. Vinayak N. Kulkarni	3	Mechanical Engineering	https://onlinecourses.nptel.ac.in/noc22_me125/preview	All Degree programs
86.	Principles of Metal Forming Technology	Prof. Pradeep kumar Jha	2	Mechanical Engineering	https://onlinecourses.nptel.ac.in/noc22_me136/preview	All Degree programs
87.	Environmental Degradation and Surface Engineering	Prof. Jyotsna Dutta Majumdar Prof.Indranil Manna	3	Metallurgical and Materials Engineering	https://onlinecourses.nptel.ac.in/noc22_mm36/preview	All Degree programs
88.	Aluminium based Alloys and Metal Matrix Composites	Prof. Ranjit Bauri	3	Metallurgical and Materials Engineering	https://onlinecourses.nptel.ac.in/noc22_mm41/preview	All Degree programs
89.	Experimental Physics - I	Prof. Amal Kumar Das	3	Physics	https://onlinecourses.nptel.ac.in/noc22_ph35/preview	All Degree programs
90.	Science of Clothing	Prof. Apurba		Textile	https://onlinecourses.nptel.ac.in/noc22_textile/preview	

	Comfort	Das	3	Engineering	el.ac.in/noc22_te10/preview	All Degree programs
91.	Introduction to Film Studies	Prof. Aysha Iqbal	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs95/preview	All Degree programs
92.	Introduction to Advanced Cognitive Processes	Prof. Ark Verma	2	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs96/preview	All Degree programs
93.	Introduction to Basic Cognitive Processes	Prof. Ark Verma	2	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs97/preview	All Degree programs
94.	International Trade - Theory and Empirics	Prof. Pratap C. Mohanty	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs98/preview	All Degree programs
95.	Short Fiction in Indian Literature	Prof. A Divya	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs99/preview	All Degree programs
96.	Feminist Writings	Prof. Avishek Parui	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs100/preview	All Degree programs
97.	Gender and literature	Prof. Avishek Parui	2	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs101/preview	All Degree programs
98.	History of English Language and Literature	Prof. Merin Simi Raj	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs102/preview	All Degree programs
99.	Postmodernism in Literature	Prof. Merin Simi Raj	2	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs103/preview	All Degree programs
100.	Managing Intellectual Property in Universities	Prof. Feroz Ali	1	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs104/preview	All Degree programs
101.	Energy Economics And Policy	Prof. Shyamasree Dasgupta	2	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs105/preview	All Degree programs
102.	संस्कृत sandhi in Paninian grammar	Prof. Malhar Kulkarni	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs106/preview	All Degree programs
103.	Sociology and Resource Management	Prof. Archana Patnaik Prof. Amrita Sen	1	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs107/preview	All Degree programs

104.	Urban Sociology	Prof. Amrita Sen	1	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs108/preview	All Degree programs
105.	Educational Leadership	Prof. Atasi Mohanty	2	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs109/preview	All Degree programs
106.	Entrepreneurship And IP Strategy	Prof. Gouri Gargate	2	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs110/preview	All Degree programs
107.	Globalization And Culture	Prof. Anjali Gera Roy	2	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs111/preview	All Degree programs
108.	Great Experiments In Psychology	Prof. Rajlakshmi Guha	1	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs112/preview	All Degree programs
109.	Human Resource Development	Prof. KBL Srivastava	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs113/preview	All Degree programs
110.	Spoken Sanskrit: Basic and Intermediate Levels	Prof. Anuradha Choudry	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs114/preview	All Degree programs
111.	Symbolic Logic	Prof. Chhanda Chakraborti	2	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs115/preview	All Degree programs
112.	Urbanization and Environment	Prof. Jenia Mukherjee	2	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs116/preview	All Degree programs
113.	Water Society And Sustainability	Prof. Jenia Mukherjee	1	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs117/preview	All Degree programs
114.	Introduction to Japanese Language and Culture - II	Prof. Vatsala Misra	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs118/preview	All Degree programs
115.	Management of Fixed Income Securities	Prof. Jitendra Mahakud	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs119/preview	All Degree programs
116.	Sociology of Development	Prof. Sambit Mallick	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs120/preview	All Degree programs
117.	Introduction to Market Structures	Prof. Amarjyoti Mahanta	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs121/preview	All Degree programs

118.	Introduction to Western Political Thought	Prof. Mithilesh Kumar Jha	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs122/preview	All Degree programs
119.	The Psychology Of Language	Prof. Naveen Kashyap	2	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs123/preview	All Degree programs
120.	Consumer Psychology	Prof. Naveen Kashyap	2	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs124/preview	All Degree programs
121.	Ecology and Society	Prof. Ngamjahao Kipgen	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs125/preview	All Degree programs
122.	Environment and Development	Prof. Ngamjahao Kipgen	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs126/preview	All Degree programs
123.	Development Research Methods	Prof. Rajshree Bedamatta	2	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs127/preview	All Degree programs
124.	Science, Technology and Society	Prof. Sambit Mallick	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs128/preview	All Degree programs
125.	Introducing Modern Western Art: Movements and Artists	Prof. Soumik Nandy Majumdar	1	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs129/preview	All Degree programs
126.	Introduction to Indian Art - An appreciation	Prof. Soumik Nandy Majumdar	1	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs130/preview	All Degree programs
127.	Elements of Visual Representation	Prof. Shatarupa Thakruta Roy	2	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs131/preview	All Degree programs
128.	Mathematics for Economics - I	Prof. Debarshi Das	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs132/preview	All Degree programs
129.	Indian Art: Materials, Techniques and Artistic	Prof. Rajarshi Sengupta	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs133/preview	All Degree programs
130.	Public Speaking	Prof. Binod Mishra	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs134/preview	All Degree programs
131.	An Introduction to Indian Literary Theory	Prof. Sreenath V.S	2	Humanities and Social	https://onlinecourses.nptel.ac.in/noc	All Degree

				Sciences	22_hs135/preview	programs
132.	Partition of India in Print Media and Cinema	Prof. Sarbani Banerjee	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs136/preview	All Degree programs
133.	मुख्य विद्वानों की और भारतीय समाज	Prof. Shri Prakash Shukla	1	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs137/preview	All Degree programs
134.	Literary and Cultural Disability Studies: An Exploration	Prof. Hemachandran Karah	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs138/preview	All Degree programs
135.	Fundamental Concepts in Sociolinguistics	Prof. Om Prakash	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs139/preview	All Degree programs
136.	German – III	Prof. Milind Brahme	3	Humanities and Social Sciences	https://onlinecourses.nptel.ac.in/noc22_hs141/preview	All Degree programs
137.	Right to Information and Good Governance	Prof. Sairam Bhat	3	Law	https://onlinecourses.nptel.ac.in/noc22_lw01/preview	All Degree programs
138.	Constitution of India and Environmental Governance: Administrative and Adjudicatory Process	Prof. Sairam Bhat Prof. M. K. Ramesh	3	Law	https://onlinecourses.nptel.ac.in/noc22_lw02/preview	All Degree programs
139.	Introduction to Law on Electricity	Prof. Uday Shankar	2	Law	https://onlinecourses.nptel.ac.in/noc22_lw03/preview	All Degree programs
140.	Game Theory	Prof. K.S. Mallikarjuna Rao	2	Management	https://onlinecourses.nptel.ac.in/noc22_mg76/preview	All Degree programs
141.	Strategy: An Introduction to game Theory	Prof. Aditya Jagannatham Prof. Vimal Kumar	2	Management	https://onlinecourses.nptel.ac.in/noc22_mg77/preview	All Degree programs
142.	Organizational Behaviour	Prof. M. P. Ganesh	3	Management	https://onlinecourses.nptel.ac.in/noc22_mg78/preview	All Degree programs
143.	Knowledge Management	Prof. KBL Srivastava	2	Management	https://onlinecourses.nptel.ac.in/noc22_mg99/preview	All Degree programs
144.	Management Information	Prof. Kunal Kanti				

	System	Ghosh Prof. Saini Das Prof. Surojit Mukherjee	3	Management	https://onlinecourses.nptel. ac.in/noc 22_mg100/preview	All Degree programs
145.	Patent Search and Analysis	Prof. M. Padmavati Prof. Shreya Matilal	2	Management	https://onlinecourses.nptel. ac.in/noc 22_mg101/preview	All Degree programs
146.	Numerical Methods	Prof. Ameeya Kumar Nayak Prof. Sanjeev Kumar	2	Mathematics	https://onlinecourses.nptel. ac.in/noc 22_ma39/preview	All Degree programs
147.	Essential Mathematics For Machine Learning	Prof. Sanjeev Kumar Prof. S.K. Gupta	3	Mathematics	https://onlinecourses.nptel. ac.in/noc 22_ma40/preview	All Degree programs
148.	Mathematical Methods and its Applications	Prof. P.N. Agarwal Prof.S.K Gupta	3	Mathematics	https://onlinecourses.nptel. ac.in/noc 22_ma41/preview	All Degree programs
149.	Foundations of R Software (In Hindi Language)	Prof. Shalabh	3	Mathematics	https://onlinecourses.nptel. ac.in/noc 22_ma70/preview	All Degree programs
150.	Introduction to Probability Theory and Statistics	Prof. S Dharmaraja	3	Mathematics	https://onlinecourses.nptel. ac.in/noc 22_ma81/preview	All Degree programs
151.	Introduction To Composites	Prof. Nachiketa Tewari	3	Mechanical Engineering	https://onlinecourses.nptel. ac.in/noc 22_me87/preview	All Degree programs
152.	Elements of Solar Energy Conversion	Prof. Jishnu Bhattacharya	3	Mechanical Engineering	https://onlinecourses.nptel. ac.in/noc 22_me98/preview	All Degree programs
153.	Robotics	Prof. D. K. Pratihari	2	Mechanical Engineering	https://onlinecourses.nptel. ac.in/noc 22_me109/preview	All Degree programs
154.	Fundamentals of Additive Manufacturing Technologies	Prof. Sajan Kapil	3	Mechanical Engineering	https://onlinecourses.nptel. ac.in/noc 22_me122/preview	All Degree programs
155.	Automation in Manufacturing	Prof. Shrikrishna N. Joshi	3	Mechanical Engineering	https://onlinecourses.nptel. ac.in/noc 22_me123/preview	All Degree programs
156.	Advances in welding and joining technologies	Prof. Swarup Bag	2	Mechanical Engineering	https://onlinecourses.nptel. ac.in/noc 22_me124/preview	All Degree programs

157.	Aircraft Propulsion	Prof. Vinayak N. Kulkarni	3	Mechanical Engineering	https://onlinecourses.nptel.ac.in/noc22_me125/preview	All Degree programs
158.	Principles of Metal Forming Technology	Prof. Pradeep kumar Jha	2	Mechanical Engineering	https://onlinecourses.nptel.ac.in/noc22_me136/preview	All Degree programs
159.	Environmental Degradation and Surface Engineering	Prof. Jyotsna Dutta Majumdar Prof. Indranil Manna	3	Metallurgical and Materials Engineering	https://onlinecourses.nptel.ac.in/noc22_mm36/preview	All Degree programs
160.	Aluminium based Alloys and Metal Matrix Composites	Prof. Ranjit Bauri	3	Metallurgical and Materials Engineering	https://onlinecourses.nptel.ac.in/noc22_mm41/preview	All Degree programs
161.	Fundamentals and Applications of Dielectric	Prof. Ashish Garg	2	Metallurgical and Materials Engineering	https://onlinecourses.nptel.ac.in/noc22_mm49/preview	All Degree programs
162.	Teaching And Learning in General Programs: TALG	Prof. N J Rao	1	Multidisciplinary	https://onlinecourses.nptel.ac.in/noc22_ge19/preview	All Degree programs
163.	Ecology and Environment	Prof. Abhijit Deshpande Prof. R. Ravi Krishna	2	Multidisciplinary	https://onlinecourses.nptel.ac.in/noc22_ge20/preview	All Degree programs
164.	Neuroscience of Human Movements	Prof. Varadhan	3	Multidisciplinary	https://onlinecourses.nptel.ac.in/noc22_ge21/preview	All Degree programs
165.	Numerical Methods for Engineers	Prof. Niket Kaisare	3	Multidisciplinary	https://onlinecourses.nptel.ac.in/noc22_ge22/preview	All Degree programs
166.	Introduction to Research	Prof. Edamana Prasad Prof. Prathap Haridoss	2	Multidisciplinary	https://onlinecourses.nptel.ac.in/noc22_ge23/preview	All Degree programs
167.	Introduction to Biomimicry	Prof. Shiva Subramaniam Prof. Sivakumar Srinivasan Prof. Satya Seshadri Prof. Mrinalini	2	Multidisciplinary	https://onlinecourses.nptel.ac.in/noc22_ge24/preview	All Degree programs
168.		Prof. Arun B.				

	Current regulatory requirements for conducting clinical trials in India for investigational new drugs/new drug (Version 3.0)	Ramteke Prof. Sucheta Banerjee Kurundkar Prof. Nandini K Kumar Prof. Y. K. Gupta Prof. D. K. Sable Prof. Rubina Bose	2	Multidisciplinary	https://onlinecourses.nptel.ac.in/noc_22_ge25/preview	All Degree programs
169.	Learning Analytics Tools	Prof. Ramkumar Rajendran	3	Multidisciplinary	https://onlinecourses.nptel.ac.in/noc_22_ge26/preview	All Degree programs
170.	Accreditation And Outcome Based Learning	Prof. AK Ray (Retd.) Prof. SK Das Mandal	2	Multidisciplinary	https://onlinecourses.nptel.ac.in/noc_22_ge27/preview	All Degree programs
171.	Solar Energy Engineering and Technology	Prof. Pankaj Kalita	3	Multidisciplinary	https://onlinecourses.nptel.ac.in/noc_22_ge28/preview	All Degree programs
172.	Fundamentals Of Artificial Intelligence	Prof. Shyamanta M. Hazarika	3	Multidisciplinary	https://onlinecourses.nptel.ac.in/noc_22_ge29/preview	All Degree programs
173.	Vacuum Technology & Process Application	Prof. V. Vasudeva Rao	3	Multidisciplinary	https://onlinecourses.nptel.ac.in/noc_22_ge30/preview	All Degree programs
174.	Manage TB	Prof. Mohan Natrajan Prof. V V Banu Rekha	2	Multidisciplinary	https://onlinecourses.nptel.ac.in/noc_22_ge31/preview	All Degree programs
175.	Experimental Physics - I	Prof. Amal Kumar Das	3	Physics	https://onlinecourses.nptel.ac.in/noc_22_ph35/preview	All Degree programs
176.	Science of Clothing Comfort	Prof. Apurba Das	3	Textile Engineering	https://onlinecourses.nptel.ac.in/noc_22_te10/preview	All Degree programs