

Name of the Course	Name of the Course Coordinator	Number of Credit for the	Start date	End date	Discipline	Tentative Date of Exam	SWAYAM Course home page (URL)	Name of the Degree Program
Aircraft Stability and Control	Prof. A.K.Ghosh	3	Jul 25, 2022	Oct 14, 2022	Aerospace Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ae10/preview	All Degree programs
Introduction to Airplane performance	Prof. A K Ghosh Prof Deepu Philip	2	Jul 25, 2022	Sep 16, 2022	Aerospace Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ae11/preview	All Degree programs
Introduction to Airbreathing Propulsion	Prof. Ashoke De	3	Jul 25, 2022	Oct 14, 2022	Aerospace Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ae12/preview	All Degree programs
Introduction to Aerospace Engineering-Flight	Prof. Rajkumar Pant	3	Jul 25, 2022	Oct 14, 2022	Aerospace Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ae13/preview	All Degree programs
Introduction to Aircraft Design	Prof. Rajkumar Pant	3	Jul 25, 2022	Oct 14, 2022	Aerospace Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ae14/preview	All Degree programs
Design of fixed wing Unmanned Aerial Vehicles	Prof. Subrahmanyam Saderla	2	Jul 25, 2022	Sep 16, 2022	Aerospace Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ae15/preview	All Degree programs
UAV Design - Part II	Prof. Saderla Subrahmanyam	2	Jul 25, 2022	Sep 16, 2022	Aerospace Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ae16/preview	All Degree programs
Engineering Thermodynamics	Prof. D. P. Mishra	3	Jul 25, 2022	Oct 14, 2022	Aerospace Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ae17/preview	All Degree programs
Aerodynamic Design of Axial Flow Compressors & Fans	Prof. Chetankumar Sureshbhai Mistry	3	Jul 25, 2022	Oct 14, 2022	Aerospace Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ae18/preview	All Degree programs
Aircraft Structures - I	Prof. Anup Ghosh	2	Jul 25, 2022	Sep 16, 2022	Aerospace Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ae19/preview	All Degree programs
Introduction To CFD	Prof. Arnab Roy	3	Jul 25, 2022	Oct 14, 2022	Aerospace Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ae20/preview	All Degree programs
Space Flight Mechanics	Prof. Manoranjan Sinha	3	Jul 25, 2022	Oct 14, 2022	Aerospace Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ae21/preview	All Degree programs
Dairy And Food Process And Products Tec	Prof. Tridib Kumar Goswami	3	Jul 25, 2022	Oct 14, 2022	Agriculture Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ag06/preview	All Degree programs
Farm Machinery	Prof. Virendra Kumar Tewari	3	Jul 25, 2022	Oct 14, 2022	Agriculture Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ag07/preview	All Degree programs
Fundamentals Of Food Process Engineeri	Prof. Jayeeta Mitra	3	Jul 25, 2022	Oct 14, 2022	Agriculture Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ag08/preview	All Degree programs
Organic Farming For Sustainable Agricult	Prof. Dilip Kumar Swain	2	Jul 25, 2022	Sep 16, 2022	Agriculture Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ag09/preview	All Degree programs
Natural Resources Management	Prof. Sudip Mitra	3	Jul 25, 2022	Oct 14, 2022	Agriculture Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ag10/preview	All Degree programs
Micro Irrigation Engineering	Prof. Kamlesh Narayan Tiwari	3	Jul 25, 2022	Oct 14, 2022	Agriculture Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ag11/preview	All Degree programs
Advanced Aquaculture Technology	Prof. Gourav Dhar Bhowmick	3	Jul 25, 2022	Oct 14, 2022	Agriculture Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ag12/preview	All Degree programs
Post Harvest Operations and Processing of Fruits, Vegetables, Spices and Plantation Crop Products	Prof. H N Mishra	3	Jul 25, 2022	Oct 14, 2022	Agriculture Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ag13/preview	All Degree programs
Soil Fertility And Fertilizers	Prof. Somsubhra Chakraborty	3	Jul 25, 2022	Oct 14, 2022	Agriculture Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ag14/preview	All Degree programs
Architectural Conservation And Historic P	Prof. Sanghamitra Basu	2	Jul 25, 2022	Sep 16, 2022	Architecture and Planning	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ar08/preview	All Degree programs
Role of Craft and Technology in Interior - Architecture	Prof. Smriti Saraswat	2	Jul 25, 2022	Sep 16, 2022	Architecture and Planning	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ar09/preview	All Degree programs
Urban governance and Development Management (UGDM)	Prof. Uttam Kumar Roy	3	Jul 25, 2022	Oct 14, 2022	Architecture and Planning	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ar10/preview	All Degree programs
Contemporary Architecture and Design	Prof. Saptarshi Kolay	2	Jul 25, 2022	Sep 16, 2022	Architecture and Planning	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ar11/preview	All Degree programs
Sustainable Architecture	Prof. Avlokita Agrawal	3	Jul 25, 2022	Oct 14, 2022	Architecture and Planning	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ar12/preview	All Degree programs
Modern Indian Architecture	Prof. P.S. Chani	2	Aug 22, 2022	Oct 14, 2022	Architecture and Planning	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ar13/preview	All Degree programs
Building Materials And Composites	Prof. Sumana Gupta	2	Jul 25, 2022	Sep 16, 2022	Architecture And Planning	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ar14/preview	All Degree programs
Urban Landuse And Transportation Plann	Prof. Debapratim Pandit	3	Jul 25, 2022	Oct 14, 2022	Architecture And Planning	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ar15/preview	All Degree programs
Urban Utilities Planning: Water Supply, Sa	Prof. Debapratim Pandit	3	Jul 25, 2022	Oct 14, 2022	Architecture And Planning	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ar16/preview	All Degree programs
International Studies in Vernacular Architecture	Prof. Ram Sateesh Pasupuleti	1	Aug 22, 2022	Sep 16, 2022	Architecture And Planning	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ar17/preview	All Degree programs
Introduction to Urban Planning	Prof. Harshit Sosan Lakra	2	Jul 25, 2022	Sep 16, 2022	Architecture And Planning	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ar18/preview	All Degree programs
Cellular biophysics: a framework for quantitative biology	Prof. Chaitanya A.Athale	2	Jul 25, 2022	Sep 16, 2022	Biotechnology and Bioengineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_bt32/preview	All Degree programs
Introduction to Cell Biology	Prof. Nagaraj Balasubramanian Prof. Girish Ratnaparkhi	2	Aug 22, 2022	Oct 14, 2022	Biotechnology and Bioengineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_bt33/preview	All Degree programs
Medical Image Analysis	Prof. Ganapathy krishnamurthi	3	Jul 25, 2022	Oct 14, 2022	Biotechnology and Bioengineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_bt34/preview	All Degree programs
Genome Editing and Engineering	Prof. Utpal Bora	3	Jul 25, 2022	Oct 14, 2022	Biotechnology and Bioengineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_bt35/preview	All Degree programs
Industrial Biotechnology	Prof. Debabrata Das	3	Jul 25, 2022	Oct 14, 2022	Biotechnology and Bioengineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_bt36/preview	All Degree programs
Computer Aided Drug Design	Prof. Mukesh Doble	2	Jul 25, 2022	Sep 16, 2022	Biotechnology and Bioengineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_bt37/preview	All Degree programs
Plant Cell Bioprocessing	Prof. Smita Srivastava	2	Jul 25, 2022	Sep 16, 2022	Biotechnology and Bioengineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_bt38/preview	All Degree programs

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Introduction to Developmental Biology	Prof. Subramaniam K	3	Jul 25, 2022	Oct 14, 2022	Biotechnology and Bioengineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_bt39/preview	All Degree programs
Immunology	Prof. Sudip Kumar GhoshProf. Agneyo Gar	3	Jul 25, 2022	Oct 14, 2022	Biotechnology and Bioengineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_bt40/preview	All Degree programs
Drug Delivery: Principles and Engineering	Prof. Rachit Agarwal	3	Jul 25, 2022	Oct 14, 2022	Biotechnology and Bioengineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_bt41/preview	All Degree programs
Functional Genomics	Prof. S.Ganesh	1	Aug 22, 2022	Sep 16, 2022	Biotechnology and Bioengineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_bt42/preview	All Degree programs
Introduction to mechanobiology	Prof. Shamik Sen	2	Jul 25, 2022	Sep 16, 2022	Biotechnology and Bioengineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_bt43/preview	All Degree programs
Introduction to Biostatistics	Prof. Shamik Sen	2	Jul 25, 2022	Sep 16, 2022	Biotechnology and Bioengineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_bt44/preview	All Degree programs
Fundamentals of micro and nanofabrication	Prof Sushobhan Avasti Prof. Shankar Selvaraja	3	Jul 25, 2022	Oct 14, 2022	Biotechnology and Bioengineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_bt45/preview	All Degree programs
Biomedical nanotechnology	Prof. P.Gopinath	1	Aug 22, 2022	Sep 16, 2022	Biotechnology and Bioengineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_bt46/preview	All Degree programs
Introduction to proteomics	Prof. Sanjeeva Srivastava	2	Jul 25, 2022	Sep 16, 2022	Biotechnology and Bioengineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_bt47/preview	All Degree programs
Principles Of Downstream Techniques In Bioprocess	Prof. Mukesh Doble	3	Jul 25, 2022	Oct 14, 2022	Biotechnology and Bioengineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_bt48/preview	All Degree programs
Bioreactors	Prof. G.K. Suraishkumar	1	Jul 25, 2022	Aug 19, 2022	Biotechnology and Bioengineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_bt49/preview	All Degree programs
Tissue engineering	Prof. Vignesh Muthuvijayan	2	Jul 25, 2022	Sep 16, 2022	Biotechnology and Bioengineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_bt50/preview	All Degree programs
Transport Phenomena in Biological Systems	Prof. G. K. Suraishkumar	3	Jul 25, 2022	Oct 14, 2022	Biotechnology and Bioengineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_bt51/preview	All Degree programs
Introduction to Proteogenomics	Prof. Sanjeeva Srivastava	3	Jul 25, 2022	Oct 14, 2022	Biotechnology and Bioengineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_bt52/preview	All Degree programs
Conservation Geography	Prof. Ankur Awadhiya	3	Jul 25, 2022	Oct 14, 2022	Biotechnology and Bioengineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_bt54/preview	All Degree programs
Wildlife Ecology	Prof. Ankur Awadhiya	3	Jul 25, 2022	Oct 14, 2022	Biotechnology and Bioengineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_bt55/preview	All Degree programs
Introduction to Biomedical Imaging Systems	Prof. Arun K. Thittai	3	Jul 25, 2022	Oct 14, 2022	Biotechnology and Bioengineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_bt56/preview	All Degree programs
Environmental Biotechnology	Prof. Pinaki Sar	3	Jul 25, 2022	Oct 14, 2022	Biotechnology and Bioengineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_bt57/preview	All Degree programs
Introduction to Dynamical Models in Biology	Prof. Biplob Bose	1	Aug 22, 2022	Sep 16, 2022	Biotechnology and Bioengineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_bt58/preview	All Degree programs
Genetic Engineering: Theory and Applications	Prof. Vishal Trivedi	3	Jul 25, 2022	Oct 14, 2022	Biotechnology and Bioengineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_bt59/preview	All Degree programs
Experimental Biotechnology	Prof. Vishal Trivedi	3	Jul 25, 2022	Oct 14, 2022	Biotechnology and Bioengineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_bt60/preview	All Degree programs
Organ Printing	Prof. Falguni Pati	2	Jul 25, 2022	Sep 16, 2022	Biotechnology and Bioengineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_bt61/preview	All Degree programs
Fundamentals of Protein Chemistry	Prof. Swagata Dasgupta	3	Jul 25, 2022	Oct 14, 2022	Biotechnology and Bioengineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_bt62/preview	All Degree programs
Animal Physiology	Prof. Mainak Das	3	Jul 25, 2022	Oct 14, 2022	Biotechnology and Bioengineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_bt63/preview	All Degree programs
Cell Culture Technologies	Prof. Mainak Das	2	Aug 22, 2022	Oct 14, 2022	Biotechnology and Bioengineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_bt64/preview	All Degree programs
Technologies For Clean And Renewable Energy Production	Prof. P. Mondal	2	Jul 25, 2022	Sep 16, 2022	Chemical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ch38/preview	All Degree programs
Chemical Engineering Thermodynamics	Prof. Jayant K. Singh	3	Jul 25, 2022	Oct 14, 2022	Chemical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ch39/preview	All Degree programs
Fluid and Particle Mechanics	Prof. Sumesh Prof. Basavaraju	3	Jul 25, 2022	Oct 14, 2022	Chemical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ch40/preview	All Degree programs
Trace and ultra-trace analysis of metals using atomic absorption spectrometry	Prof. J R Mudakavi	2	Jul 25, 2022	Sep 16, 2022	Chemical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ch41/preview	All Degree programs
Colloids and Surfaces	Prof. Basavaraj Madivala Gurappa	2	Jul 25, 2022	Sep 16, 2022	Chemical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ch42/preview	All Degree programs
Polymers: concepts, properties, uses and sustainability	Prof. Abhijit P Deshpande	3	Jul 25, 2022	Oct 14, 2022	Chemical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ch43/preview	All Degree programs
Chemical Process Safety	Prof. Shishir Sinha	3	Jul 25, 2022	Oct 14, 2022	Chemical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ch44/preview	All Degree programs
Basic Environmental Engineering and Pollution Abatement	Prof. P. Mondal	3	Jul 25, 2022	Oct 14, 2022	Chemical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ch45/preview	All Degree programs
Mathematical modelling and simulation of chemical engineering process	Prof. Sourav Mondal	3	Jul 25, 2022	Oct 14, 2022	Chemical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ch47/preview	All Degree programs
Principles and Practices of Process Equipment	Prof. Gargi DasProf S Ray	3	Jul 25, 2022	Oct 14, 2022	Chemical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ch48/preview	All Degree programs
Introduction to Polymer Physics-IITG	Prof. Amit Kumar	2	Jul 25, 2022	Sep 16, 2022	Chemical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ch49/preview	All Degree programs
Mass Transfer Operations - I	Prof. Bishnupada Mandal	3	Jul 25, 2022	Oct 14, 2022	Chemical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ch50/preview	All Degree programs

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Chemical Reaction Engineering-I	Prof. Bishnupada Mandal	3	Jul 25, 2022	Oct 14, 2022	Chemical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ch51/preview	All Degree programs
Mass Transfer Operations II	Prof. Chandan Das	3	Jul 25, 2022	Oct 14, 2022	Chemical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ch52/preview	All Degree programs
Transport Phenomena of Non-Newtonian	Prof. Nanda Kishore	3	Jul 25, 2022	Oct 14, 2022	Chemical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ch53/preview	All Degree programs
Mechanical Unit Operations	Prof. Nanda Kishore	3	Jul 25, 2022	Oct 14, 2022	Chemical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ch54/preview	All Degree programs
Chemical Process Intensification	Prof. Subrata Kumar Majumder	3	Jul 25, 2022	Oct 14, 2022	Chemical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ch55/preview	All Degree programs
Fluidization Engineering	Prof. Subrata Kumar Majumder	3	Jul 25, 2022	Oct 14, 2022	Chemical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ch56/preview	All Degree programs
Natural Gas Engineering	Prof. Pankaj Tiwari	2	Jul 25, 2022	Sep 16, 2022	Chemical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ch57/preview	All Degree programs
Aspen Plus® simulation software - a basic	Prof. Prabirkumar Saha	3	Jul 25, 2022	Oct 14, 2022	Chemical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ch58/preview	All Degree programs
Thermal Processing of Foods	Prof. R. Anandalakshmi	3	Jul 25, 2022	Oct 14, 2022	Chemical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ch59/preview	All Degree programs
Advanced process dynamics	Prof. Parag A. Deshpande	3	Jul 25, 2022	Oct 14, 2022	Chemical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ch60/preview	All Degree programs
Introduction to interfacial waves	Prof. Ratul Dasgupta	3	Jul 25, 2022	Oct 14, 2022	Chemical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ch61/preview	All Degree programs
Introduction to Polymer Physics-IITR	Prof. Prateek Kumar Jha	3	Jul 25, 2022	Oct 14, 2022	Chemical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ch62/preview	All Degree programs
Equipment Design: Mechanical Aspects	Prof. Shabina Khanam	1	Jul 25, 2022	Aug 19, 2022	Chemical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ch63/preview	All Degree programs
Mechanical Operations	Prof. Shabina Khanam	1	Jul 25, 2022	Aug 19, 2022	Chemical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ch64/preview	All Degree programs
Heat Transfer	Prof. Sunando Dasgupta	3	Jul 25, 2022	Oct 14, 2022	Chemical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ch65/preview	All Degree programs
Metal Mediated Synthesis-I	Prof. D. Maiti	1	Jul 25, 2022	Aug 19, 2022	Chemistry	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cy37/preview	All Degree programs
Metals In Biology	Prof. D. Maiti	2	Jul 25, 2022	Sep 16, 2022	Chemistry	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cy38/preview	All Degree programs
Transition Metal Organometallic Chemistry: Principles To Applications	Prof. P. Ghosh	3	Jul 25, 2022	Oct 14, 2022	Chemistry	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cy39/preview	All Degree programs
Symmetry and Group Theory	Prof. Anindya Datta	3	Jul 25, 2022	Oct 14, 2022	Chemistry	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cy40/preview	All Degree programs
Quantum Chemistry of Atoms and Molecules	Prof. Anindya Datta	3	Jul 25, 2022	Oct 14, 2022	Chemistry	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cy41/preview	All Degree programs
Mechanisms in Organic Chemistry	Prof. Nandita Madhavan	2	Jul 25, 2022	Sep 16, 2022	Chemistry	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cy42/preview	All Degree programs
Biophysical chemistry	Prof. Pramit Kumar Chowdhury	3	Jul 25, 2022	Oct 14, 2022	Chemistry	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cy43/preview	All Degree programs
One and two dimensional NMR Spectroscopy for chemists	Prof. N. Suryaprakash	3	Jul 25, 2022	Oct 14, 2022	Chemistry	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cy44/preview	All Degree programs
Application of Spectroscopic Methods in Molecular Structure Determination	Prof. S. Sankararaman	2	Jul 25, 2022	Sep 16, 2022	Chemistry	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cy45/preview	All Degree programs
Introductory Organic Chemistry II	Prof. Neeraja Dashaputre Prof. Harinath Chakrapani	2	Aug 22, 2022	Oct 14, 2022	Chemistry	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cy46/preview	All Degree programs
Chemical Crystallography	Prof. Angshuman Roy Choudhury	3	Jul 25, 2022	Oct 14, 2022	Chemistry	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cy48/preview	All Degree programs
Classics in Total Synthesis-I	Prof. Krishna P Kaliappan	3	Jul 25, 2022	Oct 14, 2022	Chemistry	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cy49/preview	All Degree programs
Concepts of chemistry for engineering	Prof. Anindya Datta Prof. Debabrata Maiti Prof. Chidambar Kulkarni Prof. Arnab Dutta	3	Jul 25, 2022	Oct 14, 2022	Chemistry	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cy50/preview	All Degree programs
Circular dichroism (CD) and Mossbauer sp	Prof. Arnab Dutta	3	Jul 25, 2022	Oct 14, 2022	Chemistry	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cy51/preview	All Degree programs
Biological Inorganic Chemistry	Prof. Debashis Ray	3	Jul 25, 2022	Oct 14, 2022	Chemistry	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cy52/preview	All Degree programs
Introduction To Polymer Science	Prof. Dibakar Dhara	2	Jul 25, 2022	Sep 16, 2022	Chemistry	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cy53/preview	All Degree programs
Spectroscopic Techniques for Pharmaceutical and Biopharmaceutical Industries	Prof. Shashank Deep	3	Jul 25, 2022	Oct 14, 2022	Chemistry	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cy54/preview	All Degree programs
Reagents In Organic Synthesis	Prof. Subhas Chandra Pan	3	Jul 25, 2022	Oct 14, 2022	Chemistry	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cy55/preview	All Degree programs
Principles Of Organic Synthesis	Prof. T Punniyamurthy	3	Jul 25, 2022	Oct 14, 2022	Chemistry	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cy56/preview	All Degree programs
Chemistry and Physics of Surfaces and Int	Prof. Thiruvancheril G. Gopakumar	2	Jul 25, 2022	Sep 16, 2022	Chemistry	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cy57/preview	All Degree programs
Introduction to Chemical Thermodynamics and Kinetics	Prof. Arijit Kumar De	3	Jul 25, 2022	Oct 14, 2022	Chemistry	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cy58/preview	All Degree programs
NMR spectroscopy for Structural Biology	Prof. R. V Hosur/Prof. Ashutosh Kumar	3	Jul 25, 2022	Oct 14, 2022	Chemistry	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cy59/preview	All Degree programs
Advanced Transition Metal Chemistry	Prof. M S Balakrishna	3	Jul 25, 2022	Oct 14, 2022	Chemistry	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cy60/preview	All Degree programs
Analytical Chemistry	Prof. Debashis Ray	3	Jul 25, 2022	Oct 14, 2022	Chemistry	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cy61/preview	All Degree programs
Organic Chemistry In Biology And Drug D	Prof. Amit Basak	3	Jul 25, 2022	Oct 14, 2022	Chemistry	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cy62/preview	All Degree programs

Name of the Course	Name of the Course Coordinator	Number of Credit for the	Start date	End date	Discipline	Tentative Date of Exam	SWAYAM Course home page (URL)	Name of the Degree Program
Stereochemistry	Prof. Amit Basak	2	Jul 25, 2022	Sep 16, 2022	Chemistry	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cy63/preview	All Degree programs
Principles and applications of enolate	Prof. Samik Nanda	2	Jul 25, 2022	Sep 16, 2022	Chemistry	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cy64/preview	All Degree programs
Advanced design of steel structures	Prof. Srinivasan Chandrasekaran	3	Jul 25, 2022	Oct 14, 2022	Ocean Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_oe02/preview	All Degree programs
Principles and Applications of Building Science	Prof. E.Rajasekar	1	Jul 25, 2022	Aug 19, 2022	Civil Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ce101/preview	All Degree programs
Environmental Geomechanics	Prof. D. N. Singh	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ce102/preview	All Degree programs
GPS Surveying	Prof. Jayanta Kumar Ghosh	1	Jul 25, 2022	Aug 19, 2022	Civil Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ce51/preview	All Degree programs
Housing Policy & Planning	Prof. Uttam Kumar Roy	2	Jul 25, 2022	Sep 16, 2022	Civil Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ce52/preview	All Degree programs
Visual Communication Design for Digital Media	Prof.Saptarshi Kolay	1	Jul 25, 2022	Aug 19, 2022	Civil Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ce53/preview	All Degree programs
Mechanics Of Materials	Prof. Saravanan.U	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ce54/preview	All Degree programs
Environmental Chemistry	Prof. Bhanu Prakash Vellanki	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ce55/preview	All Degree programs
Principles of Construction Management	Prof. Sudhir Misra	2	Jul 25, 2022	Sep 16, 2022	Civil Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ce56/preview	All Degree programs
Design of connections in steel structures	Prof. Anil Agarwal	1	Aug 22, 2022	Sep 16, 2022	Civil Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ce57/preview	All Degree programs
Advanced Concrete Technology	Prof. Manu Santhanam	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ce58/preview	All Degree programs
Project Planning & Control	Prof. Koshy Varghese	2	Jul 25, 2022	Sep 16, 2022	Civil Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ce59/preview	All Degree programs
Geotechnical Engineering Laboratory	Prof. J.N. Mandal	1	Jul 25, 2022	Aug 19, 2022	Civil Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ce60/preview	All Degree programs
Dynamics of Structures	Prof. Manish Kumar	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ce61/preview	All Degree programs
Underground Space Technology	Prof. Priti Maheshwari	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ce62/preview	All Degree programs
Bridge Engineering	Prof. Piyali Sengupta	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ce63/preview	All Degree programs
Introduction to Engineering Seismology	Prof. Anbazhagan Panjamani	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ce64/preview	All Degree programs
Design Of Reinforced Concrete Structures	Prof. Nirjhar Dhang	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ce65/preview	All Degree programs
Design Of Steel Structures	Prof. Damodar Maity	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ce66/preview	All Degree programs
Foundation Engineering	Prof. Koushik Deb	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ce67/preview	All Degree programs
Ground Improvement	Prof. Dilip Kumar Baidya	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ce68/preview	All Degree programs
Integrated Waste Management For A Sm	Prof. Brajesh Kumar Dubey	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ce69/preview	All Degree programs
Introduction To Multimodal Urban Transp	Prof. Arkopal Kishore Goswami	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ce70/preview	All Degree programs
Matrix Method Of Structural Analysis	Prof. Amit ShawProf. Biswanath Banerjee	2	Jul 25, 2022	Sep 16, 2022	Civil Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ce71/preview	All Degree programs
Plastic Waste Management	Prof. Brajesh Kumar Dubey	2	Aug 22, 2022	Oct 14, 2022	Civil Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ce72/preview	All Degree programs
Reinforced Concrete Road Bridges	Prof. Nirjhar Dhang	1	Jul 25, 2022	Aug 19, 2022	Civil Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ce73/preview	All Degree programs
Soil Mechanics/Geotechnical Engineering	Prof. Dilip Kumar Baidya	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ce74/preview	All Degree programs
Strength Of Materials	Prof. Sriman Kumar Bhattacharyya	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ce75/preview	All Degree programs
Wastewater Treatment And Recycling	Prof. Manoj Kumar Tiwari	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ce76/preview	All Degree programs
Environmental Modeling and Simulation	Prof. Gargi Singh	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ce77/preview	All Degree programs
Advanced Geomatics Engineering	Prof. P. K. Garg	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ce78/preview	All Degree programs
River Engineering	Prof. Subashisa Dutta	2	Jul 25, 2022	Sep 16, 2022	Civil Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ce79/preview	All Degree programs
Plates and Shells	Prof. Sudip Talukdar	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ce80/preview	All Degree programs
Subsurface exploration :importance and	Prof. Abhishek Kumar	2	Jul 25, 2022	Sep 16, 2022	Civil Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ce81/preview	All Degree programs
Municipal Solid Waste Management	Prof. Ajay Kalamdhad	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ce82/preview	All Degree programs
Optimization methods for Civil engineeri	Prof. Rajib Kumar Bhattacharjya	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ce83/preview	All Degree programs
Remote Sensing and GIS	Prof. Rishikesh Bharti	2	Jul 25, 2022	Sep 16, 2022	Civil Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ce84/preview	All Degree programs
Fluid Mechanics	Prof. Subashisa Dutta	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ce85/preview	All Degree programs
Earth Sciences For Civil Engineering Part	Prof. Javed N. Malik	2	Jul 25, 2022	Sep 16, 2022	Civil Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ce86/preview	All Degree programs
Earthquake Geology:A tool for Seismic Ha	Prof. Javed N. Malik	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ce87/preview	All Degree programs

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Rock Mechanics and Tunneling	Prof. Debarghya Chakraborty	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ce90/preview	All Degree programs
Elastic Stability of Structures	Prof. Sarat Kumar Panda	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ce91/preview	All Degree programs
Availability and Management of Groundwater Resources	Prof. Prasoon Kumar Singh	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ce92/preview	All Degree programs
Pavement Materials (Under Pavement Engineering)	Prof. Nikhil Saboo	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ce93/preview	All Degree programs
Geometric Design of Highways	Prof. Rajat Rastogi	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ce94/preview	All Degree programs
Finite Element Method and Computation	Prof. Manish Shrikhande	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ce95/preview	All Degree programs
Geotechnical Engineering-II	Prof. D. N. Singh	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ce96/preview	All Degree programs
Theory of Elasticity	Prof. Amit ShawProf. Biswanath Banerjee	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ce103/preview	All Degree programs
Sustainable Transportation systems	Prof. Bhola Ram Gurjar	3	Jul 25, 2022	Oct 14, 2022	Civil Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ce104/preview	All Degree programs
Software Testing	Prof. Meenakshi D'souza	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cs61/preview	All Degree programs
Computational Number Theory and Algebra	Prof. Nitin Saxena	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cs62/preview	All Degree programs
Theory of Computation	Prof. Raghunath Tewari	2	Jul 25, 2022	Sep 16, 2022	Computer Science and Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cs63/preview	All Degree programs
Modern Algebra	Prof. Manindra Agrawal	2	Aug 22, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs64/preview	All Degree programs
Big Data Computing	Prof. Rajiv Misra	2	Aug 22, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs65/preview	All Degree programs
Distributed Systems	Prof. Rajiv Misra	2	Jul 25, 2022	Sep 16, 2022	Computer Science and Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cs66/preview	All Degree programs
Artificial Intelligence : Search Methods For Problem solving	Prof. Deepak Khemani	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs67/preview	All Degree programs
C Programming and Assembly Language	Prof. Janakiraman Viraraghavan	1	Jul 25, 2022	Aug 19, 2022	Computer Science and Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cs68/preview	All Degree programs
Introduction To Haskell Programming	Prof. S. P Suresh	2	Jul 25, 2022	Sep 16, 2022	Computer Science and Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cs69/preview	All Degree programs
Programming, Data Structures And Algorithms Using Python	Prof. Madhavan Mukund	2	Jul 25, 2022	Sep 16, 2022	Computer Science and Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cs70/preview	All Degree programs
Design and analysis of algorithms	Prof. Madhavan Mukund	2	Jul 25, 2022	Sep 16, 2022	Computer Science and Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cs71/preview	All Degree programs
Data Science for Engineers	Prof. Ragunathan RengasamyProf. Shankar	2	Jul 25, 2022	Sep 16, 2022	Computer Science and Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cs72/preview	All Degree programs
Introduction to Machine Learning	Prof. Balaraman Ravindran	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs73/preview	All Degree programs
Python for Data Science	Prof. Ragunathan Rengasamy	1	Jul 25, 2022	Aug 19, 2022	Computer Science and Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cs74/preview	All Degree programs
Reinforcement Learning	Prof. Balaraman Ravindran	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs75/preview	All Degree programs
Deep Learning for Computer Vision	Prof. Vineeth N Balasubramanian	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cs76/preview	All Degree programs
Introduction to Game Theory and Mechanism Design	Prof. Swaprava Nath	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs77/preview	All Degree programs
Introduction to Operating Systems	Prof. Chester Rebeiro	2	Jul 25, 2022	Sep 16, 2022	Computer Science and Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cs78/preview	All Degree programs
Introduction to Quantum Computing: Quantum Algorithms and Qiskit	Prof. Prabha MandayamProf. Anupama Rao	1	Jul 25, 2022	Aug 19, 2022	Computer Science and Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cs79/preview	All Degree programs
Advanced Distributed systems	Prof. Smruti R. Sarangi	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs80/preview	All Degree programs
Parameterized Algorithms	Prof. Neeldhara MisraProf. Saket Saurabh	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs81/preview	All Degree programs
Getting Started with Competitive Programming	Prof. Neeldhara Misra	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs82/preview	All Degree programs
Applied Accelerated Artificial Intelligence	Prof. Satyajit DasProf. Satyadhyan Chickeril	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs83/preview	All Degree programs
Introduction to Machine Learning (Tamil)	Prof. Arun Rajkumar	2	Jul 25, 2022	Sep 16, 2022	Computer Science and Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cs84/preview	All Degree programs
Discrete Mathematics - IIITB	Prof. Ashish Choudhury	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cs85/preview	All Degree programs
Cloud Computing	Prof. Soumya Kanti Ghosh	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cs87/preview	All Degree programs
Computer Architecture And Organization	Prof. Indranil SenguptaProf. Kamalika Datta	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs88/preview	All Degree programs
Computer Vision	Prof. Jayanta Mukhopadhyay	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs89/preview	All Degree programs

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Cryptography And Network Security	Prof. Sourav Mukhopadhyay	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs90/preview	All Degree programs
Data Base Management System	Prof. Partha Pratim DasProf. Ansuman Bar	2	Aug 22, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs91/preview	All Degree programs
Data Structure And Algorithms Using Java	Prof. Debasis Samanta	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cs92/preview	All Degree programs
Embedded System Design With ARM	Prof. Indranil SenguptaProf. Kamalika Datta	2	Jul 25, 2022	Sep 16, 2022	Computer Science and Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cs93/preview	All Degree programs
Hardware Modeling Using Verilog	Prof. Indranil Sengupta	2	Jul 25, 2022	Sep 16, 2022	Computer Science and Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cs94/preview	All Degree programs
Introduction To Industry 4.0 And Industrial Automation	Prof. Sudip Misra	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cs95/preview	All Degree programs
Introduction To Internet Of Things	Prof. Sudip Misra	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs96/preview	All Degree programs
Introduction To Machine Learning - KGP	Prof. Sudeshna Sarkar	2	Jul 25, 2022	Sep 16, 2022	Computer Science and Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cs97/preview	All Degree programs
Natural Language Processing	Prof. Pawan Goyal	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs98/preview	All Degree programs
Object Oriented Analysis And Design	Prof. Partha Pratim DasProf. Ansuman Bar	2	Jul 25, 2022	Sep 16, 2022	Computer Science and Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cs99/preview	All Degree programs
Operating System Fundamentals	Prof. Santanu Chattopadhyay	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cs100/preview	All Degree programs
Problem Solving Through Programming In C	Prof. Anupam Basu	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs101/preview	All Degree programs
Programming In Java	Prof. Debasis Samanta	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cs102/preview	All Degree programs
Programming In Modern C++	Prof. Partha Pratim Das	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs103/preview	All Degree programs
Real-Time Systems	Prof. Rajib MallProf. Durga Prasad Mohapatra	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cs104/preview	All Degree programs
Scalable Data Science	Prof. Anirban DasguptaProf. Sourangshu Bhattacharya	2	Jul 25, 2022	Sep 16, 2022	Computer Science and Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cs105/preview	All Degree programs
Software Engineering	Prof. Rajib Mall	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cs106/preview	All Degree programs
Software Project Management	Prof. Rajib MallProf. Durga Prasad Mohapatra	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cs107/preview	All Degree programs
Spatial Informatics	Prof. Soumya Kanti Ghosh	2	Jul 25, 2022	Sep 16, 2022	Computer Science and Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cs108/preview	All Degree programs
C-Based VLSI Design	Prof. Chandan Karfa	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs109/preview	All Degree programs
Multi-Core Computer Architecture - Storage	Prof. John Jose	2	Jul 25, 2022	Sep 16, 2022	Computer Science and Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cs110/preview	All Degree programs
Computer Graphics	Prof. Samit Bhattacharya	2	Jul 25, 2022	Sep 16, 2022	Computer Science and Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cs111/preview	All Degree programs
Demystifying Networking	Prof. Sridhar IyerProf. Kavaya Alse	1	Jul 25, 2022	Aug 19, 2022	Computer Science and Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cs112/preview	All Degree programs
Secure Computation: Part II	Prof. Ashish Choudhury	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs113/preview	All Degree programs
Introduction to Computer and Network Performance Analysis using Queuing Systems	Prof. Varsha Apte	1	Aug 22, 2022	Sep 16, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs114/preview	All Degree programs
Algorithmic Game Theory	Prof. Palash Dey	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs116/preview	All Degree programs
Social Network Analysis	Prof. Tanmoy Chakraborty	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs117/preview	All Degree programs
Machine Learning for Earth System Sciences	Prof. Adway Mitra	2	Jul 25, 2022	Sep 16, 2022	Computer Science and Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_cs119/preview	All Degree programs
Statistical learning for Reliability Analysis	Prof. Monalisa Sarma	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs120/preview	All Degree programs
Social Networks	Prof. Sudarshan Iyengar	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cs121/preview	All Degree programs
The Joy of Computing using Python	Prof. Sudarshan Iyengar	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cs122/preview	All Degree programs
Discrete Mathematics	Prof. Sudarshan Iyengar	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cs123/preview	All Degree programs
Deep Learning - IIT Ropar	Prof. Mitesh M. Khapra Prof. Sudarshan Iyengar	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cs124/preview	All Degree programs
Design & Implementation of Human-Computer Interfaces	Prof. Samit Bhattacharya	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_cs125/preview	All Degree programs
Computational Complexity	Prof. Subrahmanyam Kalyanasundaram	3	Jul 25, 2022	Oct 14, 2022	Computer Science and Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_cs126/preview	All Degree programs
Control systems	Prof. C.S.Shankar Ram	3	Jul 25, 2022	Oct 14, 2022	Design Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_de09/preview	All Degree programs

Name of the Course	Name of the Course Coordinator	Number of Credit for the	Start date	End date	Discipline	Tentative Date of Exam	SWAYAM Course home page (URL)	Name of the Degree Program
Functional and Conceptual Design	Prof. Asokan T	3	Jul 25, 2022	Oct 14, 2022	Design Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_de10/preview	All Degree programs
Introduction to robotics	Prof. Asokan T Prof. Balaraman Ravindran	3	Jul 25, 2022	Oct 14, 2022	Design Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_de11/preview	All Degree programs
System Design for Sustainability	Prof. Sharmistha Banerjee	3	Jul 25, 2022	Oct 14, 2022	Design Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_de12/preview	All Degree programs
Ergonomics Workplace Analysis	Prof. Urmi R. Salve	1	Jul 25, 2022	Aug 19, 2022	Design Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_de13/preview	All Degree programs
Innovation by Design	Prof. B. K. Chakravarthy	1	Jul 25, 2022	Aug 19, 2022	Design Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_de14/preview	All Degree programs
Understanding Design	Prof. Nina Sabnani	1	Jul 25, 2022	Aug 19, 2022	Design Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_de15/preview	All Degree programs
Design, Technology and Innovation	Prof. B. K. Chakravarthy	2	Jul 25, 2022	Sep 16, 2022	Design Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_de16/preview	All Degree programs
Global Navigation Satellite Systems And Applications	Prof. Arun K. Saraf	1	Jul 25, 2022	Aug 19, 2022	Earth Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ce97/preview	All Degree programs
Structural Geology	Prof. Santanu Misra	3	Jul 25, 2022	Oct 14, 2022	Earth Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ce98/preview	All Degree programs
Radiogenic Isotope Geology	Prof R. Anand	3	Jul 25, 2022	Oct 14, 2022	Earth Sciences	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ce99/preview	All Degree programs
Introductory Field Structural Geology	Prof. Santanu Misra	1	Aug 22, 2022	Sep 16, 2022	Earth Sciences	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ce100/preview	All Degree programs
Introduction to Microeconomics in Hindi	Prof. Vimal Kumar	3	Jul 25, 2022	Oct 14, 2022	Economics	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_hs70/preview	All Degree programs
Environmental & Resource Economics	Prof. Sabuj Kumar Mandal	3	Jul 25, 2022	Oct 14, 2022	Economics	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_hs71/preview	All Degree programs
Economics of Banking and Finance Markets	Prof. Sukumar Vellakkal	3	Jul 25, 2022	Oct 14, 2022	Economics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs72/preview	All Degree programs
Spatial Statistics and Spatial Econometrics	Prof. Gaurav Arora	3	Jul 25, 2022	Oct 14, 2022	Economics	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_hs140/preview	All Degree programs
Applied Electromagnetics For Engineers	Prof. Pradeep Kumar K	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ee68/preview	All Degree programs
Electromagnetic Theory	Prof. Pradeep Kumar K	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ee69/preview	All Degree programs
Design of photovoltaic systems	Prof. L Umanand	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ee71/preview	All Degree programs
Principles of Signal Estimation for MIMO/ OFDM Wireless Communication	Prof. Aditya K. Jagannatham	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ee72/preview	All Degree programs
Principles of Communication Systems - II	Prof. Aditya Jagannatham	2	Jul 25, 2022	Sep 16, 2022	Electrical and Electronics Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ee73/preview	All Degree programs
Analog Electronic Circuits	Prof. Shouribrata chatterjee	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ee74/preview	All Degree programs
Enclosure design of electronics equipment	Prof. N. V Chalapathi Rao	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ee75/preview	All Degree programs
Fabrication Techniques for MEMS-based sensors : clinical perspective	Prof. Hardik Jeetendra Pandya	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ee76/preview	All Degree programs
Electronic Systems for Cancer Diagnosis	Prof. Hardik Jeetendra Pandya	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ee77/preview	All Degree programs
Basics of software defined Radios	Prof. Meenakshi Rawat	1	Jul 25, 2022	Aug 19, 2022	Electrical and Electronics Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ee78/preview	All Degree programs
Digital Switching - I	Prof. Y.N.Singh	2	Jul 25, 2022	Sep 16, 2022	Electrical and Electronics Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ee79/preview	All Degree programs
Dc Microgrid and control systems	Prof. Avik Bhattacharya	2	Jul 25, 2022	Sep 16, 2022	Electrical and Electronics Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ee81/preview	All Degree programs
Introduction to Smart Grid	Prof. N.P. Padhy Prof. Premalata Jena	2	Jul 25, 2022	Sep 16, 2022	Electrical and Electronics Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ee82/preview	All Degree programs
Control engineering	Prof. Ramkrishna Pasumarthy	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ee83/preview	All Degree programs
Linear Systems Theory	Prof. Ramkrishna Pasumarthy	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ee84/preview	All Degree programs
Introduction to Wireless and Cellular Communications	Prof. David Koilpillai	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ee85/preview	All Degree programs
Image Signal Processing	Prof. A. N. Rajagopalan	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ee86/preview	All Degree programs
Introductory Neuroscience & Neuro-Instrumentation	Prof. Mahesh Jayachandra	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ee87/preview	All Degree programs
Fiber Optic Communication Technology	Prof. Deepa Venkitesh	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ee88/preview	All Degree programs
Stochastic control and communication	Prof. Ankur A. Kulkarni	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ee89/preview	All Degree programs
Basic Electrical Circuits	Prof. Gajendranath Chowdary	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ee90/preview	All Degree programs
Introduction to Semiconductor Devices	Prof. Naresh Kumar Emani	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ee91/preview	All Degree programs
Phase-locked loops	Prof. Saurabh Saxena	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ee92/preview	All Degree programs
Basic Electric Circuits	Prof. Ankush Sharma	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ee93/preview	All Degree programs
Fundamentals Of Electric Drives	Prof. Shyama Prasad Das	2	Jul 25, 2022	Sep 16, 2022	Electrical and Electronics Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ee94/preview	All Degree programs

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Concentration inequalities	Prof. Aditya GopalanProf. Himanshu tyagi	2	Jul 25, 2022	Sep 16, 2022	Electrical and Electronics Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ee95/preview	All Degree programs
Mathematical Aspects of Biomedical Electronic System Design	Prof. Chandramani Singh	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ee96/preview	All Degree programs
Semiconductor Devices and Circuits	Prof. Sanjiv Sambandan	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ee97/preview	All Degree programs
Advances in UHV Transmission and Distribution	Prof. Subba Reddy	2	Jul 25, 2022	Sep 16, 2022	Electrical and Electronics Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ee98/preview	All Degree programs
Real-Time Digital Signal Processing	Prof. Rathna G N	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ee99/preview	All Degree programs
Control and Tuning Methods in Switched	Prof. Santanu Kapat	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ee100/preview	All Degree programs
Power System Protection	Prof. Ashok Kumar Pradhan	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ee101/preview	All Degree programs
Signal Processing for mm Wave communi	Prof. Amit Kumar Dutta	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ee102/preview	All Degree programs
Microwave Engineering	Prof. Ratnajit Bhattacharjee	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ee103/preview	All Degree programs
System Design Through VERILOG	Prof. Shaik Rafi Ahamed	2	Jul 25, 2022	Sep 16, 2022	Electrical and Electronics Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ee104/preview	All Degree programs
Computational Electromagnetics	Prof. Uday Khankhoje	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ee105/preview	All Degree programs
Introduction to Photonics	Prof. Balaji SrinivasanProf Shivananju	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ee106/preview	All Degree programs
Probability Foundations for Electrical Engineers	Prof. Krishna Jagannathan	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ee107/preview	All Degree programs
An introduction to Coding Theory	Prof. Adrish Banerjee	2	Jul 25, 2022	Sep 16, 2022	Electrical and Electronics Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ee108/preview	All Degree programs
Introduction to Electrical Engineering	Prof. Bhim Singh	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ee109/preview	All Degree programs
Digital Circuits	Prof. Santanu Chattopadhyay	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ee110/preview	All Degree programs
Electrical Machines - I	Prof. Tapas Kumar Bhattacharya	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ee111/preview	All Degree programs
Electrical Measurement And Electronic In	Prof. Avishek Chatterjee	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ee112/preview	All Degree programs
Fundamentals Of Electrical Engineering	Prof. Debapriya Das	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ee113/preview	All Degree programs
Principles And Techniques Of Modern Ra	Prof. Amitabha Bhattacharya	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ee114/preview	All Degree programs
Analog Communication	Prof. Goutam Das	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ee115/preview	All Degree programs
Digital Image Processing	Prof. Prabir Kumar Biswas	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ee116/preview	All Degree programs
Digital Speech Processing	Prof. Shyamal Kumar Das Mandal	2	Jul 25, 2022	Sep 16, 2022	Electrical and Electronics Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ee117/preview	All Degree programs
Modern Digital Communication Techniqu	Prof. Suvra Sekhar Das	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ee118/preview	All Degree programs
Pattern recognition and Application	Prof. Prabir Kumar Biswas	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ee119/preview	All Degree programs
Power System Analysis	Prof. Debapriya Das	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ee120/preview	All Degree programs
Fundamentals of Nano and Quantum Photonics	Prof. Naresh Kumar Emani	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ee121/preview	All Degree programs
Cognition and its computation	Prof. Sharba BandyopadhyayProf.Rajlaksh	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ee122/preview	All Degree programs
Probability and Random Processes (गणित)	Prof Rohit SinhaProf. Ribhu	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ee123/preview	All Degree programs
Hydrogen Energy: Production, Storage, Transportation and Safety	Prof. Pratibha Sharma	3	Jul 25, 2022	Oct 14, 2022	Chemical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ch66/preview	All Degree programs
Digital Control in Switched Mode Power	Prof. Santanu Kapat	3	Jul 25, 2022	Oct 14, 2022	Electrical and Electronics Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ee124/preview	All Degree programs
VLSI Interconnects	Prof. Sarang Pendharker	2	Jul 25, 2022	Sep 16, 2022	Electrical and Electronics Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ee125/preview	All Degree programs
Electrical Distribution System Analysis	Prof. G.B. Kumbhar	2	Jul 25, 2022	Sep 16, 2022	Electrical and Electronics Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ee126/preview	All Degree programs
Advance power electronics and Control	Prof. Avik Bhattacharya	2	Jul 25, 2022	Sep 16, 2022	Electrical and Electronics Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ee127/preview	All Degree programs
Electrocardiogram - Interpretation and application in clinical practice	Multifaculty	1	Jul 25, 2022	Aug 19, 2022	Health sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ge17/preview	All Degree programs
Basics of Health Promotion and Education Intervention	Prof. Arista LahiriProf. Sweety Suman Jha	2	Jul 25, 2022	Sep 16, 2022	Public Health	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ge18/preview	All Degree programs
Health Research Fundamentals	Prof. P. Manickam	2	Jul 25, 2022	Sep 16, 2022	Humanities and Social Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_hs73/preview	All Degree programs
Patent Drafting for Beginners	Prof. Feroz Ali	1	Jul 25, 2022	Aug 19, 2022	Humanities and Social Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_hs74/preview	All Degree programs
Text, Textuality and Digital Media	Prof. Arjun Gosh	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs75/preview	All Degree programs
Soft skills	Prof. Binod Mishra	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs76/preview	All Degree programs
Developing Soft Skills and Personality	Prof. T Ravichandran	2	Jul 25, 2022	Sep 16, 2022	Humanities and Social Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_hs77/preview	All Degree programs

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Body language: Key to professional Success	Prof. Rashmi Gaur	1	Aug 22, 2022	Sep 16, 2022	Humanities and Social Sciences	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_hs78/preview	All Degree programs
Introduction to Literary Theory	Prof. Sayan Chattopadhyay	2	Jul 25, 2022	Sep 16, 2022	Humanities and Social Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_hs79/preview	All Degree programs
Brief introduction to Psychology	Prof. Braj Bhushan	1	Jul 25, 2022	Aug 19, 2022	Humanities and Social Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_hs80/preview	All Degree programs
Psychology of Everyday	Prof. Braj Bhushan Prof. Alok Bajpai	1	Aug 22, 2022	Sep 16, 2022	Humanities and Social Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs81/preview	All Degree programs
Cognition, Transformation and Lives	Prof. Alok Bajpai	1	Jul 25, 2022	Aug 19, 2022	Humanities and Social Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_hs82/preview	All Degree programs
Sociology of Science	Prof. Anindya Jayant Mishra	1	Jul 25, 2022	Aug 19, 2022	Humanities and Social Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_hs83/preview	All Degree programs
Introduction to Japanese Language and Culture	Prof. Vatsala Misra	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_hs84/preview	All Degree programs
Applied Linguistics	Prof. Rajesh Kumar	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_hs85/preview	All Degree programs
Appreciating Carnatic Music	Prof. Lakshmi Sreeram	2	Jul 25, 2022	Sep 16, 2022	Humanities and Social Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_hs86/preview	All Degree programs
Patent Law for Engineers and Scientists	Prof. Feroz Ali	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_hs87/preview	All Degree programs
German - I	Prof. Milind Brahme	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs88/preview	All Degree programs
German - II	Prof. Milind Brahme	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_hs89/preview	All Degree programs
Economics of IPR	Prof. Nalin Bharti	1	Jul 25, 2022	Aug 19, 2022	Humanities and Social Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_hs90/preview	All Degree programs
The Popular Gothic Novel	Prof. Divya A	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs91/preview	All Degree programs
Classical Sociological Theory	Prof. R. Santhosh	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_hs92/preview	All Degree programs
Poetry	Prof. S P Dhanavel	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_hs93/preview	All Degree programs
Literary Theory and Literary Criticism	Prof. Aysha Iqbal	2	Jul 25, 2022	Sep 16, 2022	Humanities and Social Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_hs94/preview	All Degree programs
Introduction to Film Studies	Prof. Aysha Iqbal	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_hs95/preview	All Degree programs
Introduction to Advanced Cognitive Processes	Prof. Ark Verma	2	Aug 22, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs96/preview	All Degree programs
Introduction to Basic Cognitive Processes	Prof. Ark Verma	2	Jul 25, 2022	Sep 16, 2022	Humanities and Social Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_hs97/preview	All Degree programs
International Trade - Theory and Empirics	Prof. Pratap C. Mohanty	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs98/preview	All Degree programs
Short Fiction in Indian Literature	Prof. A Divya	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_hs99/preview	All Degree programs
Feminist Writings	Prof. Avishek Parui	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_hs100/preview	All Degree programs
Gender and literature	Prof. Avishek Parui	2	Aug 22, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs101/preview	All Degree programs
History of English Language and Literature	Prof. Merin Simi Raj	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs102/preview	All Degree programs
Postmodernism in Literature	Prof. Merin Simi Raj	2	Jul 25, 2022	Sep 16, 2022	Humanities and Social Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_hs103/preview	All Degree programs
Managing Intellectual Property in Universities	Prof. Feroz Ali	1	Jul 25, 2022	Aug 19, 2022	Humanities and Social Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_hs104/preview	All Degree programs
Energy Economics And Policy	Prof. Shyamasree Dasgupta	2	Aug 22, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs105/preview	All Degree programs
संधि sandhi in Paninian grammar	Prof. Malhar Kulkarni	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs106/preview	All Degree programs
Sociology and Resource Management	Prof. Archana Patnaik Prof. Amrita Sen	1	Aug 22, 2022	Sep 16, 2022	Humanities and Social Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs107/preview	All Degree programs
Urban Sociology	Prof. Amrita Sen	1	Aug 22, 2022	Sep 16, 2022	Humanities and Social Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs108/preview	All Degree programs
Educational Leadership	Prof. Atasi Mohanty	2	Jul 25, 2022	Sep 16, 2022	Humanities and Social Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_hs109/preview	All Degree programs
Entrepreneurship And IP Strategy	Prof. Gouri Gargate	2	Jul 25, 2022	Sep 16, 2022	Humanities and Social Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_hs110/preview	All Degree programs
Globalization And Culture	Prof. Anjali Gera Roy	2	Jul 25, 2022	Sep 16, 2022	Humanities and Social Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_hs111/preview	All Degree programs
Great Experiments In Psychology	Prof. Rajlakshmi Guha	1	Jul 25, 2022	Aug 19, 2022	Humanities and Social Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_hs112/preview	All Degree programs
Human Resource Development	Prof. KBL Srivastava	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_hs113/preview	All Degree programs
Spoken Sanskrit: Basic and Intermediate	Prof. Anuradha Choudry	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs114/preview	All Degree programs
Symbolic Logic	Prof. Chhanda Chakraborti	2	Jul 25, 2022	Sep 16, 2022	Humanities and Social Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_hs115/preview	All Degree programs
Urbanization and Environment	Prof. Jenia Mukherjee	2	Jul 25, 2022	Sep 16, 2022	Humanities and Social Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_hs116/preview	All Degree programs
Water Society And Sustainability	Prof. Jenia Mukherjee	1	Aug 22, 2022	Sep 16, 2022	Humanities and Social Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs117/preview	All Degree programs
Introduction to Japanese Language and Culture - II	Prof. Vatsala Misra	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs118/preview	All Degree programs

Name of the Course	Name of the Course Coordinator	Number of Credit for the	Start date	End date	Discipline	Tentative Date of Exam	SWAYAM Course home page (URL)	Name of the Degree Program
Management of Fixed Income Securities	Prof. Jitendra Mahakud	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs119/preview	All Degree programs
Sociology of Development	Prof. Sambit Mallick	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs120/preview	All Degree programs
Introduction to Market Structures	Prof. Amarjyoti Mahanta	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_hs121/preview	All Degree programs
Introduction to Western Political Thought	Prof. Mithilesh Kumar Jha	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_hs122/preview	All Degree programs
The Psychology Of Language	Prof. Naveen Kashyap	2	Aug 22, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_hs123/preview	All Degree programs
Consumer Psychology	Prof. Naveen Kashyap	2	Jul 25, 2022	Sep 16, 2022	Humanities and Social Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_hs124/preview	All Degree programs
Ecology and Society	Prof. Ngamjahao Kipgen	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs125/preview	All Degree programs
Environment and Development	Prof. Ngamjahao Kipgen	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_hs126/preview	All Degree programs
Development Research Methods	Prof. Rajshree Bedamatta	2	Aug 22, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs127/preview	All Degree programs
Science, Technology and Society	Prof. Sambit Mallick	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_hs128/preview	All Degree programs
Introducing Modern Western Art: Movement	Prof. Soumik Nandy Majumdar	1	Jul 25, 2022	Aug 19, 2022	Humanities and Social Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_hs129/preview	All Degree programs
Introduction to Indian Art - An appreciation	Prof. Soumik Nandy Majumdar	1	Jul 25, 2022	Aug 19, 2022	Humanities and Social Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_hs130/preview	All Degree programs
Elements of Visual Representation	Prof. Shatarupa Thakrta Roy	2	Jul 25, 2022	Sep 16, 2022	Humanities and Social Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_hs131/preview	All Degree programs
Mathematics for Economics - I	Prof. Debarshi Das	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_hs132/preview	All Degree programs
Indian Art: Materials, Techniques and Art	Prof. Rajarshi Sengupta	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs133/preview	All Degree programs
Public Speaking	Prof. Binod Mishra	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs134/preview	All Degree programs
An Introduction to Indian Literary Theory	Prof. Sreenath V.S	2	Aug 22, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs135/preview	All Degree programs
Partition of India in Print Media and Cinema	Prof. Sarbani Banerjee	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_hs136/preview	All Degree programs
प्रमुख हिंदी कहानियाँ और भारतीय समाज	Prof. Shri Prakash Shukla	1	Jul 25, 2022	Aug 19, 2022	Humanities and Social Sciences	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_hs137/preview	All Degree programs
Literary and Cultural Disability Studies: An Introduction	Prof. Hemachandran Karah	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_hs138/preview	All Degree programs
Fundamental Concepts in Sociolinguistics	Prof. Om Prakash	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_hs139/preview	All Degree programs
German - III	Prof. Milind Brahme	3	Jul 25, 2022	Oct 14, 2022	Humanities and Social Sciences	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_hs141/preview	All Degree programs
Right to Information and Good Governance	Prof. Sairam Bhat	3	Jul 25, 2022	Oct 14, 2022	Law	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_lw01/preview	All Degree programs
Constitution of India and Environmental Governance: Administrative and Adjudicatory Process	Prof. Sairam Bhat Prof. M. K. Ramesh	3	Jul 25, 2022	Oct 14, 2022	Law	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_lw02/preview	All Degree programs
Introduction to Law on Electricity	Prof. Uday Shankar	2	Jul 25, 2022	Sep 16, 2022	Law	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_lw03/preview	All Degree programs
Legal and Regulatory Issues in Biotechnology	Prof. Niharika Sahoo Bhattacharya	1	Jul 25, 2022	Aug 19, 2022	Law	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_lw04/preview	All Degree programs
New Labour Codes of India	Prof. Raju KD	3	Jul 25, 2022	Oct 14, 2022	Law	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_lw05/preview	All Degree programs
Advanced Contracts, Tendering and Public Procurement	Prof. Sairam Bhat	3	Jul 25, 2022	Oct 14, 2022	Law	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_lw06/preview	All Degree programs
Marketing Management - I	Prof. Jayanta Chatterjee Prof. Shashi Shekhar	2	Aug 22, 2022	Oct 14, 2022	Management	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_mg57/preview	All Degree programs
Managing Services	Prof. Jayanta Chatterjee	2	Jul 25, 2022	Sep 16, 2022	Management	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_mg58/preview	All Degree programs
Data Analysis & Decision Making - III	Prof. Raghu Nandan Sengupta	3	Jul 25, 2022	Oct 14, 2022	Management	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mg59/preview	All Degree programs
Project Management	Prof. Raghu Nandan Sengupta	2	Jul 25, 2022	Sep 16, 2022	Management	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_mg60/preview	All Degree programs
Training Of Trainers	Prof. Santosh Rangnekar	3	Jul 25, 2022	Oct 14, 2022	Management	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_mg61/preview	All Degree programs
Decision-Making Under Uncertainty	Prof. N. Gautam	1	Aug 22, 2022	Sep 16, 2022	Management	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mg62/preview	All Degree programs
Financial Accounting	Prof. Varadraj Bapat	2	Jul 25, 2022	Sep 16, 2022	Management	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_mg63/preview	All Degree programs
Cost Accounting	Prof. Varadraj Bapat	1	Jul 25, 2022	Aug 19, 2022	Management	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_mg64/preview	All Degree programs
Management Accounting	Prof. Anil K. Sharma	3	Jul 25, 2022	Oct 14, 2022	Management	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_mg65/preview	All Degree programs
Working Capital Management	Prof. Anil K. Sharma	3	Jul 25, 2022	Oct 14, 2022	Management	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mg66/preview	All Degree programs
Business Analytics & Data Mining Modeling Using R Part II	Prof. Gaurav Dixit	1	Jul 25, 2022	Aug 19, 2022	Management	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_mg67/preview	All Degree programs
Business Analytics & Text Mining Modeling Using Python	Prof. Gaurav Dixit	2	Jul 25, 2022	Sep 16, 2022	Management	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_mg68/preview	All Degree programs

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Toyota Production System	Prof. Rajat Agarwal	2	Aug 22, 2022	Oct 14, 2022	Management	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_mg69/preview	All Degree programs
Marketing research and analysis	Prof. J.K.Nayak	2	Aug 22, 2022	Oct 14, 2022	Management	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mg70/preview	All Degree programs
Project management for managers	Prof. Mukesh Kumar Barua	3	Jul 25, 2022	Oct 14, 2022	Management	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mg71/preview	All Degree programs
Services Marketing : Integrating People, Technology, Strategy	Prof. Zillur Rahman	2	Aug 22, 2022	Oct 14, 2022	Management	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_mg72/preview	All Degree programs
Innovation, Business Models and Entrepreneurship	Prof. Rajat AgarwalProf. Vinay Sharma	2	Aug 22, 2022	Oct 14, 2022	Management	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mg73/preview	All Degree programs
Operations and supply chain management	Prof. G. Srinivasan	3	Jul 25, 2022	Oct 14, 2022	Management	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_mg74/preview	All Degree programs
Design Thinking - A Primer	Prof. Ashwin MahalingamProf. Bala Rama	1	Aug 22, 2022	Sep 16, 2022	Management	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_mg75/preview	All Degree programs
Game Theory	Prof.K.S. Mallikarjuna Rao	2	Jul 25, 2022	Sep 16, 2022	Management	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_mg76/preview	All Degree programs
Strategy: An Introduction to game Theory	Prof. Aditya JagannathamProf. Vimal Kum	2	Jul 25, 2022	Sep 16, 2022	Management	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_mg77/preview	All Degree programs
Organizational Behaviour	Prof. M. P. Ganesh	3	Jul 25, 2022	Oct 14, 2022	Management	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_mg78/preview	All Degree programs
The Future of Manufacturing Business: Role of Digital Technologies	Prof. R. K. AmitProf. U. Chandrasekhar	2	Jul 25, 2022	Sep 16, 2022	Management	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_mg79/preview	All Degree programs
Managerial Skills for Interpersonal Dynam	Prof. Santosh Rangnekar	3	Jul 25, 2022	Oct 14, 2022	Management	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_mg80/preview	All Degree programs
Entrepreneurship	Prof. C Bhaktavatsala Rao	3	Jul 25, 2022	Oct 14, 2022	Management	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mg81/preview	All Degree programs
Product and Brand Management	Prof. Vinay Sharma	3	Jul 25, 2022	Oct 14, 2022	Management	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mg82/preview	All Degree programs
Quantitative Investment Management	Prof. J P Singh	3	Jul 25, 2022	Oct 14, 2022	Management	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mg83/preview	All Degree programs
Organization Development and Change in 21st Century	Prof. Ashish Pandey	2	Jul 25, 2022	Sep 16, 2022	Management	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_mg84/preview	All Degree programs
Business and Sustainable Development	Prof. Trupti Mishra	1	Aug 22, 2022	Sep 16, 2022	Management	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_mg85/preview	All Degree programs
Economics Of Health And Health Care	Prof. Angan Sengupta	2	Aug 22, 2022	Oct 14, 2022	Management	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mg86/preview	All Degree programs
Descriptive Statistics With R Software	Prof. Prashant JhaProf. Shalabh	2	Aug 22, 2022	Oct 14, 2022	Management	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mg87/preview	All Degree programs
Strategic Management for Competitive A	Prof. Sanjib Chowdhury	3	Jul 25, 2022	Oct 14, 2022	Management	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mg88/preview	All Degree programs
Strategic Management – The Competitive Edge	Prof. R Srinivasan	2	Aug 22, 2022	Oct 14, 2022	Management	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mg89/preview	All Degree programs
Automation in Production Systems and M	Prof. Pradip Kumar Ray	3	Jul 25, 2022	Oct 14, 2022	Management	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mg90/preview	All Degree programs
Commodity Derivatives And Risk Manage	Prof. Prabina Rajib	2	Jul 25, 2022	Sep 16, 2022	Management	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_mg91/preview	All Degree programs
Corporate Finance	Prof. Abhijeet Chandra	2	Jul 25, 2022	Sep 16, 2022	Management	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_mg92/preview	All Degree programs
Customer Relationship Management	Prof. Swagato Chatterjee	2	Aug 22, 2022	Oct 14, 2022	Management	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mg93/preview	All Degree programs
Decision Support System For Managers	Prof. Kunal Kanti GhoshProf. Anupam Gho	3	Jul 25, 2022	Oct 14, 2022	Management	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mg94/preview	All Degree programs
Ethics In Engineering Practice	Prof. Susmita Mukhopadhyay	2	Aug 22, 2022	Oct 14, 2022	Management	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_mg95/preview	All Degree programs
Gender Justice And Workplace Security	Prof. Dipa Dube	1	Aug 22, 2022	Sep 16, 2022	Management	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_mg96/preview	All Degree programs
Industrial Safety Engineering	Prof. Jhareswar Maiti	3	Jul 25, 2022	Oct 14, 2022	Management	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_mg97/preview	All Degree programs
Intellectual Property Rights And Competi	Prof. K. D. RajuProf. Niharika Sahoo Bhatta	2	Aug 22, 2022	Oct 14, 2022	Management	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mg98/preview	All Degree programs
Knowledge Management	Prof. KBL Srivastava	2	Jul 25, 2022	Sep 16, 2022	Management	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_mg99/preview	All Degree programs
Management Information System	Prof. Kunal Kanti GhoshProf. Saini DasProf	3	Jul 25, 2022	Oct 14, 2022	Management	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mg100/preview	All Degree programs
Matrix Solver	Prof. Somnath Roy	3	Jul 25, 2022	Oct 14, 2022	Management	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ma38/preview	All Degree programs
Patent Search and Analysis	Prof. M. PadmavatiProf. Shreya Matilal	2	Aug 22, 2022	Oct 14, 2022	Management	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_mg101/preview	All Degree programs
Performance And Reward Management	Prof. Susmita Mukhopadhyay	3	Jul 25, 2022	Oct 14, 2022	Management	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mg102/preview	All Degree programs
Principles Of Human Resource Managemen	Prof. Aradhna Malik	2	Aug 22, 2022	Oct 14, 2022	Management	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_mg103/preview	All Degree programs
Principles Of Management	Prof. Susmita MuhopadhyayProf. S. Sriniva	3	Jul 25, 2022	Oct 14, 2022	Management	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mg104/preview	All Degree programs
Soft Skills For Business Negotiations And	Prof. Uttam Kumar Banerjee	3	Jul 25, 2022	Oct 14, 2022	Management	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mg105/preview	All Degree programs
Decision Modeling	Prof. Biswajit Mahanty	2	Jul 25, 2022	Sep 16, 2022	Management	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_mg106/preview	All Degree programs
Strategic Sales Management	Prof. Sourabh AroraProf. Kalpak Kulkarni	2	Aug 22, 2022	Oct 14, 2022	Management	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mg107/preview	All Degree programs

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Human Factors Engineering	Prof. Pradip Kumar RayProf. Virendra Kumar	3	Jul 25, 2022	Oct 14, 2022	Management	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mg108/preview	All Degree programs
Introduction to Marketing Essentials	Prof. Zillur Rahman	2	Jul 25, 2022	Sep 16, 2022	Management	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_mg109/preview	All Degree programs
Stress Management	Prof. Rajlakhmi Guha	1	Aug 22, 2022	Sep 16, 2022	Management	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_mg111/preview	All Degree programs
Econometric Modelling	Prof. Sujata Kar	2	Jul 25, 2022	Sep 16, 2022	Management	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_mg112/preview	All Degree programs
Security Analysis & Portfolio Management	Prof. J. P. Singh	3	Jul 25, 2022	Oct 14, 2022	Management	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_mg113/preview	All Degree programs
Numerical Methods	Prof. Ameeya Kumar NayakProf. Sanjeev Kumar	2	Jul 25, 2022	Sep 16, 2022	Mathematics	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ma39/preview	All Degree programs
Essential Mathematics For Machine Learning	Prof. Sanjeev KumarProf. S.K. Gupta	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ma40/preview	All Degree programs
Mathematical Methods and its Applications	Prof. P.N. AgarwalProf.S.K Gupta	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ma41/preview	All Degree programs
Advanced Engineering Mathematics	Prof. P.N. Agarwal	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ma42/preview	All Degree programs
Measure Theory	Prof. Inder Kumar Rana	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ma43/preview	All Degree programs
Calculus for Economics, Commerce and Management	Prof. I.K.Rana	2	Jul 25, 2022	Sep 16, 2022	Mathematics	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ma44/preview	All Degree programs
Linear Algebra	Prof. Dilip P. Patil	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ma45/preview	All Degree programs
Galois Theory	Prof. Dilip Patil	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ma46/preview	All Degree programs
Introduction to Fuzzy Set Theory, Arithmetic and Logic	Prof. Nilladri Chatterjee	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ma47/preview	All Degree programs
Operations Research	Prof. Kusumdeep	2	Jul 25, 2022	Sep 16, 2022	Mathematics	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ma48/preview	All Degree programs
Calculus of One Real Variable	Prof. Joydeep Dutta	2	Jul 25, 2022	Sep 16, 2022	Mathematics	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ma49/preview	All Degree programs
Calculus of Several Real Variables	Prof. Joydeep Dutta	2	Jul 25, 2022	Sep 16, 2022	Mathematics	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ma50/preview	All Degree programs
Integral Transforms And Their Applications	Prof. Sarthok Sircar	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ma51/preview	All Degree programs
Introduction to Methods of Applied Mathematics	Prof. Mani MehraProf. Vivek Kumar Aggarwal	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ma52/preview	All Degree programs
Matrix Analysis with Applications	Prof. S.K.GuptaProf. Sanjeev Kumar	2	Jul 25, 2022	Sep 16, 2022	Mathematics	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ma53/preview	All Degree programs
Introduction to Abstract Group Theory	Prof. Krishna Hanumanthu	2	Jul 25, 2022	Sep 16, 2022	Mathematics	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ma54/preview	All Degree programs
Regression Analysis	Prof. Soumen Maity	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ma55/preview	All Degree programs
Introduction to Probability Theory and Stochastic Processes	Prof. S Dharmaraja	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ma56/preview	All Degree programs
Complex Analysis	Prof. Pranav Haridas	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ma57/preview	All Degree programs
Computational Commutative Algebra	Prof. Manoj Kummini	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ma58/preview	All Degree programs
Algebra - I	Prof. S. ViswanathProf. Amritanshu Prasad	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ma59/preview	All Degree programs
Non-parametric Statistical Inference	Prof. Niladri Chatterjee	1	Jul 25, 2022	Aug 19, 2022	Mathematics	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ma60/preview	All Degree programs
An introduction to Point-Set-Topology Part-II	Prof. Anant R Shastri	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ma61/preview	All Degree programs
Laplace transform	Prof. Indrava Roy	1	Jul 25, 2022	Aug 19, 2022	Mathematics	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ma62/preview	All Degree programs
Operator Theory	Prof. G. Ramesh	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ma63/preview	All Degree programs
Measure and Integration	Prof S. Kesavan	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ma64/preview	All Degree programs
Mathematical Methods in Physics 2	Prof. Auditya Sharma	2	Jul 25, 2022	Sep 16, 2022	Mathematics	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ma65/preview	All Degree programs
Sobolev Spaces and Partial Differential Equations	Prof. Kesavan	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ma66/preview	All Degree programs
Combinatorics	Prof. Narayanan N	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ma67/preview	All Degree programs
Geometry of Vision	Prof. Vijay Ravikumar	1	Aug 22, 2022	Sep 16, 2022	Mathematics	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ma68/preview	All Degree programs
Foundations of R Software	Prof. Shalabh	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ma69/preview	All Degree programs
Foundations of R Software (In Hindi Language)	Prof. Shalabh	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ma70/preview	All Degree programs
Approximate Reasoning using Fuzzy Set Theory	Prof. Balasubramaniam Jayaram	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ma71/preview	All Degree programs
Differential equations for engineers	Prof. Srinivasa Manam	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ma72/preview	All Degree programs
Partial Differential Equations	Prof. Sivaji Ganesh	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ma73/preview	All Degree programs
First Course on Partial Differential Equations	Prof. A. K. NandakumaranProf. P.S. Datti	2	Jul 25, 2022	Sep 16, 2022	Mathematics	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ma74/preview	All Degree programs

Name of the Course	Name of the Course Coordinator	Number of Credit for the	Start date	End date	Discipline	Tentative Date of Exam	SWAYAM Course home page (URL)	Name of the Degree Program
Advanced Calculus For Engineers	Prof. Jitendra KumarProf. Somesh Kumar	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ma75/preview	All Degree programs
Rings and Modules	Prof. Mousumi Mandal Prof. Ramakrishna	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ma76/preview	All Degree programs
Engineering Mathematics - I	Prof. Jitendra Kumar	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ma77/preview	All Degree programs
Introduction To Abstract And Linear Algebra	Prof. Sourav Mukhopadhyay	2	Jul 25, 2022	Sep 16, 2022	Mathematics	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ma78/preview	All Degree programs
Introductory Course In Real Analysis	Prof. P D Srivastava	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ma79/preview	All Degree programs
Mathematical Methods For Boundary Value Problems	Prof. Somnath Bhattacharyya	1	Jul 25, 2022	Aug 19, 2022	Mathematics	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ma80/preview	All Degree programs
Introduction to Probability Theory and Statistics	Prof. S Dharmaraja	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ma81/preview	All Degree programs
Matrix Computation and its applications	Prof. Mani MehraProf. Vivek K. Aggarwal	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ma82/preview	All Degree programs
Probability –II with Examples Using R	Prof Siva Athreya	3	Jul 25, 2022	Oct 14, 2022	Mathematics	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ma83/preview	All Degree programs
Solid Mechanics	Prof. Ajeet Kumar	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me70/preview	All Degree programs
Fundamentals of manufacturing processes	Prof. D K Dwivedi	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me71/preview	All Degree programs
Joining Technologies for metals	Prof. D K Dwivedi	2	Jul 25, 2022	Sep 16, 2022	Mechanical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_me72/preview	All Degree programs
Power Plant Engineering	Prof. Ravi Kumar	2	Jul 25, 2022	Sep 16, 2022	Mechanical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_me73/preview	All Degree programs
Rapid Manufacturing	Prof. J. Ramkumar	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_me74/preview	All Degree programs
Engineering Metrology	Prof. J. RamkumarProf. Amandeep Singh	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me75/preview	All Degree programs
Introduction to Mechanical Vibration	Prof. Anil Kumar	2	Jul 25, 2022	Sep 16, 2022	Mechanical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_me76/preview	All Degree programs
Foundations of Cognitive Robotics	Prof. Bishakh Bhattacharya	1	Jul 25, 2022	Aug 19, 2022	Mechanical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_me77/preview	All Degree programs
Principles of Vibration Control	Prof. Bishakh Bhattacharya	1	Jul 25, 2022	Aug 19, 2022	Mechanical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_me78/preview	All Degree programs
Polymer Assisted Abrasive Finishing Processes	Prof. M. Ravi Sankar	1	Jul 25, 2022	Aug 19, 2022	Mechanical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_me79/preview	All Degree programs
Manufacturing Systems Technology I & II	Prof.Shantanu Bhattacharya	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_me80/preview	All Degree programs
BioMEMS and Microfluidics	Prof. Shantanu Bhattacharya	2	Jul 25, 2022	Sep 16, 2022	Mechanical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_me81/preview	All Degree programs
Engineering Fracture Mechanics	Prof. K.Ramesh	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_me83/preview	All Degree programs
Engineering Mechanics	Prof. K.Ramesh	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_me84/preview	All Degree programs
Foundation of Computational Fluid Dynamics	Prof. Vengadesan	2	Jul 25, 2022	Sep 16, 2022	Mechanical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_me85/preview	All Degree programs
Basics Of Finite Element Analysis - I	Prof. Nachiketa Tiwari	2	Jul 25, 2022	Sep 16, 2022	Mechanical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_me86/preview	All Degree programs
Introduction To Composites	Prof. Nachiketa Tewari	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me87/preview	All Degree programs
Thermodynamics	Prof. Anand T. N. C	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me88/preview	All Degree programs
Computational Fluid Dynamics using Finite Volume Method	Prof. Kameswararao Anupindi	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me89/preview	All Degree programs
Basics of Materials Engineering	Prof. Ratna Kumar Annabattula	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_me90/preview	All Degree programs
Laser Based Manufacturing	Prof. S. N. Joshi	2	Aug 22, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me92/preview	All Degree programs
Mechanics and Control of Robotic Manipulators	Prof. Santhakumar Mohan	2	Jul 25, 2022	Sep 16, 2022	Mechanical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_me93/preview	All Degree programs
Vibrations of Plates and Shells	Prof. Venkata Sonti	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me95/preview	All Degree programs
Dynamics and Control of Mechanical Systems	Prof. Ashitava Ghosal	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me96/preview	All Degree programs
Advanced Thermodynamics and Combustion	Prof. Niranjan Sahoo	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me97/preview	All Degree programs
Elements of Solar Energy Conversion	Prof. Jishnu Bhattacharya	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me98/preview	All Degree programs
Production Technology: Theory And Practice	Prof. Sounak Kumar Choudhury	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me99/preview	All Degree programs
Manufacturing Processes - Casting And Joining	Prof. Sounak Kumar Choudhury	1	Jul 25, 2022	Aug 19, 2022	Mechanical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_me100/preview	All Degree programs
Computational Fluid Dynamics and Heat Transfer	Prof. Gautam Biswas	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_me101/preview	All Degree programs
Advanced Fluid Mechanics	Prof. Suman Chakraborty	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me102/preview	All Degree programs
Concepts Of Thermodynamics	Prof. Suman ChakrabortyProf. Aditya Banerjee	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me103/preview	All Degree programs
Energy Conservation And Waste Heat Recovery	Prof. P. K. DasProf. A Bhattacharya	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_me104/preview	All Degree programs

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Engineering Drawing And Computer Graph	Prof. Rajaram Lakkaraju	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me105/preview	All Degree programs
Heat Exchangers: Fundamentals And Design	Prof. Prasanta Kumar DasProf. Indranil Gh	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_me106/preview	All Degree programs
Laws Of Thermodynamics	Prof. S. K SomProf. Suman Chakraborty	1	Jul 25, 2022	Aug 19, 2022	Mechanical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_me107/preview	All Degree programs
Mechanism And Robot Kinematics	Prof. Anirvan Dasgupta	2	Aug 22, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me108/preview	All Degree programs
Robotics	Prof. D. K. Pratihar	2	Jul 25, 2022	Sep 16, 2022	Mechanical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_me109/preview	All Degree programs
Fundamentals of Convective Heat Transfer	Prof. Amaresh Dalal	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_me110/preview	All Degree programs
Fundamentals of Conduction and Radiation	Prof. Amaresh DalalProf. Dipankar N. Basu	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_me111/preview	All Degree programs
Finite Element Method: Variational Method	Prof. Atanu Banerjee Prof. Arup Nandy	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_me112/preview	All Degree programs
Applied Thermodynamics For Engineers	Prof. Dipankar N. Basu	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_me113/preview	All Degree programs
Principle of Hydraulic Machines and Systems	Prof. Pranab K. Mondal	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me114/preview	All Degree programs
Dynamic Behaviour Of Materials	Prof. Prasenjit Khanikar	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me115/preview	All Degree programs
Computational Continuum Mechanics	Prof. Sachin Singh Gautam	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me116/preview	All Degree programs
Mathematical Modeling of Manufacturing	Prof. Swarup Bag	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_me117/preview	All Degree programs
Steam Power Engineering	Prof. Vinayak N. Kulkarni	2	Jul 25, 2022	Sep 16, 2022	Mechanical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_me118/preview	All Degree programs
Advanced Machining Processes	Prof. Manas Das	2	Aug 22, 2022	Oct 14, 2022	Mechanical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_me119/preview	All Degree programs
Applied Thermodynamics	Prof. Niranjan SahooProf. Pranab K. Mond	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me120/preview	All Degree programs
Welding Application Technology	Prof. Pankaj Biswas	2	Jul 25, 2022	Sep 16, 2022	Mechanical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_me121/preview	All Degree programs
Fundamentals of Additive Manufacturing	Prof. Sajjan Kapil	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me122/preview	All Degree programs
Automation in Manufacturing	Prof. Shrikrishna N. Joshi	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me123/preview	All Degree programs
Advances in welding and joining technology	Prof. Swarup Bag	2	Aug 22, 2022	Oct 14, 2022	Mechanical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_me124/preview	All Degree programs
Aircraft Propulsion	Prof. Vinayak N. Kulkarni	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me125/preview	All Degree programs
Biomechanics of Joints and Orthopaedic Implants	Prof. Sanjay Gupta	2	Aug 22, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me126/preview	All Degree programs
Interfacial Fluid Mechanics	Prof. Harish N Dixit	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me127/preview	All Degree programs
Design of Mechatronic Systems	Prof. Prasanna Gandhi	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_me128/preview	All Degree programs
Nonlinear Adaptive Control	Prof. Srikant Sukumar	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me129/preview	All Degree programs
Metal Additive Manufacturing	Prof. Janakranjan RamkumarProf. Amande	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me130/preview	All Degree programs
Selection Of Nanomaterials For Energy Harvesting	Prof. Kaushik Pal	1	Jul 25, 2022	Aug 19, 2022	Mechanical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_me131/preview	All Degree programs
Structural Analysis of Nanomaterials	Prof. Kaushik Pal	1	Jul 25, 2022	Aug 19, 2022	Mechanical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_me132/preview	All Degree programs
Work System Design	Prof. Inderdeep Singh	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me133/preview	All Degree programs
Product Design and Development	Prof. Inderdeep Singh	1	Jul 25, 2022	Aug 19, 2022	Mechanical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_me134/preview	All Degree programs
Refrigeration and air-conditioning	Prof. Ravi Kumar	2	Jul 25, 2022	Sep 16, 2022	Mechanical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_me135/preview	All Degree programs
Principles of Metal Forming Technology	Prof. Pradeep kumar Jha	2	Jul 25, 2022	Sep 16, 2022	Mechanical Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_me136/preview	All Degree programs
Theory of Production Processes	Prof. Pradeep kumar Jha	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me137/preview	All Degree programs
Engineering Graphics and Design	Prof. Naresh Varma DatlaProf. S.R Kale	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_me138/preview	All Degree programs
Conduction and Convection: Fundamentals	Prof. Gautam Biswas / Prof. Sameer Khan	3	Jul 25, 2022	Oct 14, 2022	Mechanical Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_me139/preview	All Degree programs
Mechanical Behaviour of Materials (Part – II)	Prof. Shashank ShekharProf. Sudhanshu S	2	Aug 22, 2022	Oct 14, 2022	Metallurgical and Materials Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mm25/preview	All Degree programs
Thermo-Mechanical And Thermo-Chemical Processes	Prof. Vivek PancholiProf. S. R. Meka	2	Jul 25, 2022	Sep 16, 2022	Metallurgical and Materials Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_mm26/preview	All Degree programs
Nature And Properties Of Materials-An Introductory Course	Prof. Ashish Garg	2	Jul 25, 2022	Sep 16, 2022	Metallurgical and Materials Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_mm27/preview	All Degree programs
Elementary Stereology for Quantitative Metallography	Prof. Sandeep SangalProf. Sankaran	1	Jul 25, 2022	Aug 19, 2022	Metallurgical and Materials Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_mm28/preview	All Degree programs
Fundamentals of electronic device fabrication	Prof. Parasuraman Swaminathan	1	Jul 25, 2022	Aug 19, 2022	Metallurgical and Materials Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_mm29/preview	All Degree programs
Welding of Advanced High Strength Steels for Automotive Applications	Prof. Murugaiyan Amirthalingam	1	Aug 22, 2022	Sep 16, 2022	Metallurgical and Materials Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mm30/preview	All Degree programs

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Powder Metallurgy	Prof. Ranjit Bauri	3	Jul 25, 2022	Oct 14, 2022	Metallurgical and Materials Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_mm31/preview	All Degree programs
Physics of materials	Prof. Prathap Haridoss	3	Jul 25, 2022	Oct 14, 2022	Metallurgical and Materials Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_mm32/preview	All Degree programs
Nanotechnology, Science and Applications	Prof. Prathap Haridoss	2	Jul 25, 2022	Sep 16, 2022	Metallurgical and Materials Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_mm33/preview	All Degree programs
Mechanical Behavior of Materials	Prof. S. Sankaran	3	Jul 25, 2022	Oct 14, 2022	Metallurgical and Materials Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mm34/preview	All Degree programs
Environmental Degradation and Surface Engineering	Prof. Jyotsna Dutta MajumdarProf.Indrani	3	Jul 25, 2022	Oct 14, 2022	Metallurgical and Materials Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mm36/preview	All Degree programs
Techniques of Materials Characterization	Prof. Shibayan Roy	3	Jul 25, 2022	Oct 14, 2022	Metallurgical and Materials Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mm37/preview	All Degree programs
Ironmaking and Steelmaking	Prof. Gour Gopal Roy	3	Jul 25, 2022	Oct 14, 2022	Metallurgical and Materials Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mm38/preview	All Degree programs
X-ray Crystallography & Diffraction	Prof. Ranjit Kumar RayProf. Sankaran. S	3	Jul 25, 2022	Oct 14, 2022	Metallurgical and Materials Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_mm39/preview	All Degree programs
Advanced Materials And Processes	Prof. Jayanta Das	3	Jul 25, 2022	Oct 14, 2022	Metallurgical and Materials Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_mm40/preview	All Degree programs
Aluminium based Alloys and Metal Matrix Composites	Prof. Ranjit Bauri	3	Jul 25, 2022	Oct 14, 2022	Metallurgical and Materials Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mm41/preview	All Degree programs
Fracture, Fatigue and Failure of Materials	Prof. Indrani Sen	3	Jul 25, 2022	Oct 14, 2022	Metallurgical and Materials Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mm42/preview	All Degree programs
Welding science and technology(In Tamil) இணைப்பியலின் தொழில்நுட்பமும் அதன் அறிவியலும்	Prof. Murugaiyan Amirthalingam	1	Aug 22, 2022	Sep 16, 2022	Metallurgical and Materials Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mm43/preview	All Degree programs
Electronic Properties of the Materials: Computational Approach	Prof. Somnath Bhowmick	2	Aug 22, 2022	Oct 14, 2022	Metallurgical and Materials Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mm44/preview	All Degree programs
Principles Of Polymer Synthesis	Prof. Rajat K Das	2	Jul 25, 2022	Sep 16, 2022	Metallurgical and Materials Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_mm45/preview	All Degree programs
Surface Mining Technology	Prof. Kaushik Dey	3	Jul 25, 2022	Oct 14, 2022	Metallurgical and Materials Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mm46/preview	All Degree programs
Underground Mining of Metalliferous deposits	Prof. Bibhuti Bhusan MandalProf. Kaushik	3	Jul 25, 2022	Oct 14, 2022	Metallurgical and Materials Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mm47/preview	All Degree programs
Mine Closure and Sustainability Planning	Prof. Khanindra Pathak	3	Jul 25, 2022	Oct 14, 2022	Metallurgical and Materials Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_mm48/preview	All Degree programs
Fundamentals and Applications of Dielectric Ceramics	Prof. Ashish Garg	2	Aug 22, 2022	Oct 14, 2022	Metallurgical and Materials Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_mm49/preview	All Degree programs
Teaching And Learning in General Programs: TALG	Prof. N J Rao	1	Jul 25, 2022	Aug 19, 2022	Multidisciplinary	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ge19/preview	All Degree programs
Ecology and Environment	Prof. Abhijit DeshpandeProf. R. Ravi Krishn	2	Aug 22, 2022	Oct 14, 2022	Multidisciplinary	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ge20/preview	All Degree programs
Neuroscience of Human Movements	Prof. Varadhan	3	Jul 25, 2022	Oct 14, 2022	Multidisciplinary	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ge21/preview	All Degree programs
Numerical Methods for Engineers	Prof. Niket Kaisare	3	Jul 25, 2022	Oct 14, 2022	Multidisciplinary	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ge22/preview	All Degree programs
Introduction to Research	Prof. Edamana PrasadProf. Prathap Haridoss	2	Aug 22, 2022	Oct 14, 2022	Multidisciplinary	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ge23/preview	All Degree programs
Introduction to Biomimicry	Prof. Shiva SubramaniamProf. Sivakumar S	2	Jul 25, 2022	Sep 16, 2022	Multidisciplinary	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ge24/preview	All Degree programs
Current regulatory requirements for conducting clinical trials in India for investigational new drugs/new drug (Version 3.0)	Prof. Arun B. RamtekeProf. Sucheta Banerjee	2	Jul 25, 2022	Sep 16, 2022	Multidisciplinary	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ge25/preview	All Degree programs
Learning Analytics Tools	Prof. Ramkumar Rajendran	3	Jul 25, 2022	Oct 14, 2022	Multidisciplinary	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ge26/preview	All Degree programs
Accreditation And Outcome Based Learning	Prof. AK Ray (Retd.)Prof. SK Das Mandal	2	Aug 22, 2022	Oct 14, 2022	Multidisciplinary	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ge27/preview	All Degree programs
Solar Energy Engineering and Technology	Prof. Pankaj Kalita	3	Jul 25, 2022	Oct 14, 2022	Multidisciplinary	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ge28/preview	All Degree programs
Fundamentals Of Artificial Intelligence	Prof. Shyamanta M. Hazarika	3	Jul 25, 2022	Oct 14, 2022	Multidisciplinary	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ge29/preview	All Degree programs
Vacuum Technology & Process Applications	Prof. V. Vasudeva Rao	3	Jul 25, 2022	Oct 14, 2022	Multidisciplinary	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ge30/preview	All Degree programs
Manage TB	Prof. Mohan NatrajanProf. V V Banu Rekh	2	Aug 22, 2022	Oct 14, 2022	Multidisciplinary	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ge31/preview	All Degree programs
Dynamics of Ocean Structures	Prof. Srinivasan Chandrasekaran	3	Jul 25, 2022	Oct 14, 2022	Ocean Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_oe03/preview	All Degree programs
Computer Methods Of Structural Analysis Of Offshore Structures	Prof. Srinivasan Chandrasekaran	3	Jul 25, 2022	Oct 14, 2022	Ocean Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_oe04/preview	All Degree programs
Marine Propulsion	Prof. Anirban Bhattacharyya	2	Jul 25, 2022	Sep 16, 2022	Ocean Engineering	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_oe05/preview	All Degree programs
Water Economics And Governance	Prof. Manoj Kumar Tiwari	3	Jul 25, 2022	Oct 14, 2022	Ocean Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_oe06/preview	All Degree programs
Numerical Ship and Offshore Hydrodynamics	Ranadev dutta	3	Jul 25, 2022	Oct 14, 2022	Ocean Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_oe07/preview	All Degree programs

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Solar Photovoltaics Fundamentals, Technology And Applications	Prof. Soumitra SataPathi	2	Jul 25, 2022	Sep 16, 2022	Physics	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ph25/preview	All Degree programs
Computational Physics	Prof. Apratim Chatterji/Prof. Prasenjit Ghosh	3	Jul 25, 2022	Oct 14, 2022	Physics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ph26/preview	All Degree programs
Waves and Oscillations	Prof.M. S. Santhanam	3	Jul 25, 2022	Oct 14, 2022	Physics	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ph27/preview	All Degree programs
Introduction to Classical Mechanics	Prof. Anurag Tripathi	3	Jul 25, 2022	Oct 14, 2022	Physics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ph28/preview	All Degree programs
Dynamics of Classical and Quantum Fields	Prof. Girish S. Setlur	3	Jul 25, 2022	Oct 14, 2022	Physics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ph29/preview	All Degree programs
Introduction to Quantum Field Theory(Th	Prof. Anurag Tripathi	3	Jul 25, 2022	Oct 14, 2022	Physics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ph30/preview	All Degree programs
Concepts in Magnetism and Superconductivity	Prof. A Taraphder	2	Jul 25, 2022	Sep 16, 2022	Physics	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ph31/preview	All Degree programs
Applied Optics	Prof. Akhilesh Kumar Mishra	3	Jul 25, 2022	Oct 14, 2022	Physics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ph32/preview	All Degree programs
Neutron Scattering for Condensed Matter	Prof. Saibal Basu	3	Jul 25, 2022	Oct 14, 2022	Physics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ph33/preview	All Degree programs
Accelerator Physics	Prof Pitamber Singh/Prof Rajni Pande/Prof	3	Jul 25, 2022	Oct 14, 2022	Physics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ph34/preview	All Degree programs
Experimental Physics - I	Prof. Amal Kumar Das	3	Jul 25, 2022	Oct 14, 2022	Physics	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ph35/preview	All Degree programs
Mathematical Methods In Physics -I	Prof. Samudra Roy	3	Jul 25, 2022	Oct 14, 2022	Physics	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ph36/preview	All Degree programs
Solid State Physics	Prof. Amal Kumar Das	3	Jul 25, 2022	Oct 14, 2022	Physics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ph37/preview	All Degree programs
Upstream LNG Technology	Prof. Pavitra Sandilya	3	Jul 25, 2022	Oct 14, 2022	Physics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ph38/preview	All Degree programs
Theoretical Mechanics	Prof. Charudatt Kadolkar	3	Jul 25, 2022	Oct 14, 2022	Physics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ph39/preview	All Degree programs
Advanced Quantum Mechanics with Appl	Prof. Saurabh Basu	2	Jul 25, 2022	Sep 16, 2022	Physics	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ph40/preview	All Degree programs
Nuclear and Particle Physics	Prof. Poulouse Poulouse	3	Jul 25, 2022	Oct 14, 2022	Physics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ph41/preview	All Degree programs
Numerical Methods And Simulation Techn	Prof. Saurabh Basu	2	Jul 25, 2022	Sep 16, 2022	Physics	Sep 25, 2022	https://onlinecourses.nptel.ac.in/noc22_ph42/preview	All Degree programs
Introduction to Astrophysical Fluids	Prof. Supratik Banerjee	3	Jul 25, 2022	Oct 14, 2022	Physics	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ph43/preview	All Degree programs
Physics of Renewable Energy Systems	Prof. Amreesh Chandra	3	Jul 25, 2022	Oct 14, 2022	Physics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ph44/preview	All Degree programs
Bonds and Bands in Solids	Prof. S. Ramasesha	3	Jul 25, 2022	Oct 14, 2022	Physics	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_ph45/preview	All Degree programs
Foundations of Classical Electrodynamics	Prof. Samudra Roy	3	Jul 25, 2022	Oct 14, 2022	Physics	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_ph46/preview	All Degree programs
Principles of Combing, Roving preparation & Ring spinning	Prof. R Chattopadhyay	3	Jul 25, 2022	Oct 14, 2022	Textile Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_te07/preview	All Degree programs
Yarn manufacture I : Principle of Carding and Drawing	Prof. R Chattopadhyay	3	Jul 25, 2022	Oct 14, 2022	Textile Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_te08/preview	All Degree programs
Technical Textiles	Prof. Apurba Das	3	Jul 25, 2022	Oct 14, 2022	Textile Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_te09/preview	All Degree programs
Science of Clothing Comfort	Prof. Apurba Das	3	Jul 25, 2022	Oct 14, 2022	Textile Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_te10/preview	All Degree programs
Textile Finishing	Prof. Kushal Sen	3	Jul 25, 2022	Oct 14, 2022	Textile Engineering	Oct 29, 2022	https://onlinecourses.nptel.ac.in/noc22_te11/preview	All Degree programs
Science and Technology of Weft and Warp Knitting	Prof. Bipin Kumar	3	Jul 25, 2022	Oct 14, 2022	Textile Engineering	Oct 30, 2022	https://onlinecourses.nptel.ac.in/noc22_te12/preview	All Degree programs

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