List of NPTEL Online Courses Available for Registration (Free eLearning): Jan.- April 2025

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Complete Course list URL : https://docs.google.com/spreadsheets/d/e/2PACX-1vQRfIO7X-GvUiGo3EmWdWSILJyqjeTNfY5WsuC48n6s--tDGYHizlsqjXNfO0qY7yZqONcSEoYBCTkN/pubhtml

Subject : Physics

Course Name	SME Name	Institute	Duration	Course Start Date	Course End Date	Exam date
A Brief Course On Superconductivity	Prof. Saurabh Basu	IIT Guwahati	4 Weeks	January 20, 2025	Feb. 14, 2025	March 23, 2025
Advanced NMR Techniques in Solution and Solid-State	Prof. N. Suryaprakash	IISc Bangalore	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
An Introduction to Lasers and Laser Systems	Prof. Dhruba J. Biswas Prof. J. Padma Nilaya	IIT Bombay-Homi Bhabha National Institute(HBNI)	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Atomic And Molecular Physics	Prof. Amal Kumar Das	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Electronic Theory of Solids	Prof. Arghya Taraphder	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Elements of Modern Physics	Prof. Saurabh Basu	IIT Guwahati	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Experimental Physics - II	Prof. Amal Kumar Das	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Fluid Dynamics for Astrophysics	Prof. Prasad Subramanian	IISER Pune	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Foundations of quantum theory: Relativistic approach	Prof. Kinjalk Lochan	IISER Mohali	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Fundamentals of Attosecond Science and Technology (FAST)	Prof. Sivarama Krishnan	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Group Theory methods in Physics	Prof. P. Ramadevi	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Introduction to Atmospheric and Space Sciences	Prof. M V Sunil Krishna	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025

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Introduction To Statistical Mechanics	Prof. Girish S. Setlur	IIT Guwahati	8 Weeks	January 20, 2025	March 14, 2025	##########
Mathematical Methods in Physics 1	Prof. Auditya Sharma	IISER Bhopal	8 Weeks	January 20, 2025	March 14, 2025	##########
Nuclear Astrophysics	Prof. Anil Kumar Gourishetty	IIT Roorkee	8 Weeks	January 20, 2025	March 14, 2025	##########
Particle Physics and the Standard Model	Prof. Nirmal Raj	IISc Bangalore	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Physics of Biological Systems	Prof. Mithun Mitra	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Physics of Linear And Nonlinear Optical Waveguides	Prof. Samudra Roy	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Physics through Computational Thinking	Prof. Auditya Sharma	IISER Bhopal	8 Weeks	January 20, 2025	March 14, 2025	##########
Plasma Physics and Applications	Prof. M.V. Sunil Krishna	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Quantum Mechanics I	Prof. P. Ramadevi	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Quantum Transport	Prof. Madhu Thalakulam	IISER Thiruvananthapuram	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Statistical Mechanics	Prof. Dipanjan Chakraborty	IISER Mohali	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Tapestry of Field theory: Classical & Quantum, Equilibrium & Nonequilibrium Perspectives	Prof. Mahendra K. Verma	IIT Kanpur	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Thermal physics	Prof. Debamalya Banerjee	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Quantum Entanglement: Fundamentals, measures and applications	Prof. Amarendra Kumar Sarma	IIT Guwahati	4 Weeks	February 17, 2025	March 14, 2025	May 3, 2025

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Topology and Condensed Matter Physics	Prof. Saurabh Basu	IIT Guwahati	8 Weeks	February 17, 2025	April 11, 2025	May 4, 2025
The Science of Light Amplification: An Extensive Laser course	Prof. Paramita Deb	Bhabha Atomic Research Centre(BARC)-IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Crystal Symmetry, X-Ray Diffraction and Physical Properties	Prof. Sandeep Sangal	IIT Kanpur	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Mechanical Behavior of Materials (Hindi)	Prof. Niraj Mohan Chawake	IIT Kanpur	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Basics of Semiconductor Microwave Devices	Prof. Digbijoy N. Nath	IISc Bangalore	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Biomedical Signal Processing	Prof. Sudipta Mukhopadhyay	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Circuit Analysis for Analog Designers	Prof. Shanthi Pavan	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
CMOS Digital VLSI Design	Prof. Sudeb Dasgupta	IIT Roorkee	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Communication Networks	Prof. Goutam Das	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Computer Vision And Image Processing - Fundamentals And Applications	Prof. M. K. Bhuyan	IIT Guwahati	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Integrated Circuits and Applications	Prof. Shaik Rafi Ahamed	IIT Guwahati	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Integrated Circuits, Mosfets, OP-Amps and their Applications	Prof. Hardik Jeetendra Pandya	IISc Bangalore	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Microprocessors and Microcontrollers	Prof. Santanu Chattopadhyay	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Microwave Integrated Circuits	Prof. Jayanta Mukherjee	IIT Bombay	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025

Principles of Digital Communication	Prof. Abhishek Dixit	IIT Delhi	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Principles of Signals and Systems	Prof. Aditya Jagannatham	IIT Kanpur	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Signals and Systems	Prof. Hitesh Shrimali Prof. Kushal K. Shah	IIT Mandi	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025

Subject : Textile Technology

Course Name	SME Name	Institute	Duration	Course Start Date	Course End Date	Exam date
Advanced Textile Printing Technology	Prof. Kushal Sen	IIT Delhi	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Evaluation of Textiles Materials	Prof. Apurba Das	IIT Delhi	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Testing of Functional and Technical Textiles	Prof. Apurba Das	IIT Delhi	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Textile Product Design and Development	Prof. R Chattopadhyay	IIT Delhi	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Textured Yarn Technology	Prof. Kushal Sen	IIT Delhi	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Theory of Yarn Structure	Prof. Dipayan Das	IIT Delhi	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
New Spinning Technologies	Prof. R Chattopadhyay	IIT Delhi	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025

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Subject : Chemistry

Course Name	SME Name	Institute	Duration	Course Start Date	Course End Date	Exam date
A Study Guide In Organic Retrosynthesis: Problem Solving Approach	Prof. Samik Nanda	IIT Kharagpur	12 weeks	January 20, 2025	April 11, 2025	April 27, 2025
Advanced Chemical Thermodynamics and Kinetics	Prof. Arijit Kumar De	IISER Mohali	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Advanced Transition Metal Organometallic Chemistry	Prof. P. Ghosh	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Basic thermodynamics: Classical and Statistical Approaches	Prof. Arnab Mukherjee	IISER Pune	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Basics in Inorganic Chemistry	Prof. D. Maiti	IIT Bombay	4 Weeks	January 20, 2025	February 14, 2025	March 22, 2025
Basics of Fluroscence Spectroscopy	Prof. Pratik Sen	IIT Kanpur	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Biochemistry	Prof. Swagata Dasgupta	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Bioinorganic Chemistry	Prof. S. P. Rath	IIT Kanpur	4 Weeks	January 20, 2025	February 14, 2025	March 22, 2025
Chemical Applications of Symmetry and Group Theory	Prof. Manabendra Chandra	IIT Kanpur	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Chemistry Of Main Group Elements	Prof. M.S. Balakrishna	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025

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Co-Ordination Chemistry (Chemistry Of Transition Elements)	Prof. Debashis Ray	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Elementary Electrochemistry	Prof. Angshuman Roy Choudhury	IISER Mohali	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Elementary Thermodynamics for All	Prof. Srabani Taraphder	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Essentials Of Biomolecules : Nucleic Acids And Peptides	Prof. Lal Mohan Kundu	IIT Guwahati	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Essentials of Oxidation, Reduction and C-C Bond Formation. Application in Organic Synthesis	Prof. Yashwant D Vankar	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Experimental Biochemistry	Prof. Swagata Dasgupta Prof. Soumya De	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Fundamentals of Spectroscopy	Prof. Sayan Bagchi Prof. Anirban Hazra	NCL Pune, IISER Pune	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Industrial Inorganic Chemistry	Prof. Debashis Ray	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Interpretative molecular spectroscopy	Prof. M S Balakrishna	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Introduction To Molecular Thermodynamics	Prof. Srabani Taraphder	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Many body methods in quantum chemistry	Prof. Sourav Pal Prof. Achintya Kumar Dutta	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Medicinal Chemistry	Prof. Harinath Chakrapani	IISER Pune	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025

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Metallocene and Metal-carbene based Organometallic Compounds as Industrially Important Advanced Polyolefin Catalysts	Prof. Sanjib K. Patra	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Molecular Spectroscopy: A Physical Chemist's perspective	Prof. Anindya Datta	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Nuclear and Radiochemistry	Prof. B.S.Tomar Prof. P.K.Mohapatra	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
One and Two dimensional NMR Spectroscopy: Concepts and Spectral Analysis	Prof. N Suryaprakash	IISc Bangalore	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Organic Chemistry I (Tamil)	Prof. Srinivasan Venkataraman	IISER PUNE	4 Weeks	January 20, 2025	February 14, 2025	March 22, 2025
Organometallic Chemistry	Prof. D. Maiti	IIT Bombay	4 Weeks	January 20, 2025	February 14, 2025	March 22, 2025
Pericyclic Reactions and Organic Photochemistry	Prof. Sankararaman	IIT Madras	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Reactive Intermediates Carbene And Nitrene	Prof. Rajarshi Samanta	IIT Kharagpur	4 Weeks	January 20, 2025	February 14, 2025	March 22, 2025
Symmetry and Group Theory	Prof. Jeetender Chugh	IISER PUNE	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Symmetry, Stereochemistry and Applications	Prof. Angshuman Roy Choudhury	IISER Mohali	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Thermodynamics: Classical To Statistical	Prof. Sandip Paul	IIT Guwahati	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Transition Metal Organometallics in Catalysis and Biology	Prof. P. Ghosh	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025

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Ultrafast laser spectroscopy	Prof. Anindya Datta	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Introductory Organic Chemistry I	Prof. Neeraja Dashaputre Prof. Harinath Chakrapani	IISER Pune	8 Weeks	February 17, 2025	April 11, 2025	April 27, 2025
Supramolecular Chemistry-I	Prof. Parimal Kanti Bharadwaj	IIT Kanpur	8 Weeks	February 17, 2025	April 11, 2025	April 27, 2025
Computational Quantum Chemistry	Prof. Achintya Kumar Dutta	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025

Subject : Mathematics

Course Name	SME Name	Institute	Duration	Course Start Date	Course End Date	Exam date
Functional Analysis and its Applications	Prof. Akhilesh Prasad	IIT-ISM Dhanbad	12 weeks	January 20, 2025	April 11, 2025	April 27, 2025
Advanced Linear Algebra	Prof. Premananda Bera	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Advanced Probability Theory	Prof. Niladri Chatterjee	IIT Delhi	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Algebra - II	Prof. Sankaran Viswanath Prof. Amritanshu Prasad	IMSc	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Algebraic Combinatorics	Prof. Amritanshu Prasad Prof. Sankaran Viswanath	IMSc	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Algebraic Number Theory	Prof. Mahesh Kakde	IISc Bangalore	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
An Introduction to Hyperbolic Geometry	Prof. Abhijit Pal	IIT Kanpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
An introduction to Point-Set-Topology Part-I	Prof. Anant R Shastri	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025

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Basic Linear Algebra	Prof. I.K.Rana	IIT Bombay	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Basic Real Analysis	Prof. I. K. Rana	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Computational Mathematics with SageMath	Prof. Ajit Kumar	Institute of Chemical Technology, Mumbai	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Constrained And Unconstrained Optimization	Prof. A. Goswami Prof. Debjani Chakraborty	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Dynamical System and Control	Prof. N. Sukavanam Prof. D. N Pandey	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Engineering Mathematics II	Prof. Jitendra Kumar	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Essentials of Data Science With R Software-1: Probability and Statistical Inference	Prof. Shalabh	IIT Kanpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Essentials of Data Science With R Software-2: Sampling Theory and Linear Regression Analysis	Prof. Shalabh	IIT Kanpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
First Course on Partial Differential Equations - I	Prof. A. K. Nandakumaran Prof. P. S. Datti	IISc Bangalore	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Fourier Analysis and its applications	Prof. G. K Srinivasan	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Functional Analysis	Prof. Kesavan	IMSc	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Graph Theory	Prof. Soumen Maity	IISER PUNE	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Introduction to Algebraic Geometry and Commutative Algebra	Prof. Dilip P. Patil	IISc Bangalore	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Introduction to Galois Theory	Prof. Krishna Hanumanthu	CMI	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Introduction to Group Theory	Prof. R Venkatesh	IISc Bangalore	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Introduction to Lie Algebras	Prof. R Venkatesh	IISc Bangalore	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Introduction to Probability Theory and Statistics	Prof. S Dharmaraja	IIT Delhi	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Introduction To Queueing Theory	Prof. N. Selvaraju	IIT Guwahati	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Introduction To Rings And Fields	Prof. Krishna Hanumanthu	CMI	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Introduction to Statistics	Prof. Sameen Naqvi	IIT Hyderabad	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025

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Linear Algebra	Prof. Pranav Haridas	Kerala School of Mathematics	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Mathematical Modelling: Analysis and Applications	Prof. Ameeya Kumar Nayak	IIT Roorkee	4 Weeks	January 20, 2025	February 14, 2025	March 23, 2025
Multivariable Calculus	Prof. S. K. Gupta Prof. Sanjeev Kumar	IIT Roorkee	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Numerical Analysis	Prof. S. Baskar	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Numerical Linear Algebra	Prof. P.N. Agrawal Prof. D. N Pandey	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Numerical Linear Algebra and Application	Prof. Srinivasa Rao Pentyala	IIT-ISM Dhanbad	12 weeks	January 20, 2025	April 11, 2025	May 3, 2025
Numerical Methods: Finite difference approach	Prof. Ameeya Kumar Nayak	IIT Roorkee	4 Weeks	January 20, 2025	February 14, 2025	March 23, 2025
Ordinary and Partial Differential Equations and Applications	Prof. P.N. Agrawal Prof. D. N Pandey	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Partial Differential Equations (PDE) For Engineers: Solution By Separation Of Variables	Prof. Sirshendu De	IIT Kharagpur	4 Weeks	January 20, 2025	February 14, 2025	March 23, 2025
Probabilistic Methods in PDE	Prof. Anindya Goswami	IISER Pune	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Probability -I with Examples Using R	Prof. Siva Athreya	ISI Bangalore	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Probability and Statistics	Prof. Somesh Kumar	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Real Analysis I	Prof. Jaikrishnan J	IIT Palakkad	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Scientific Computing using Matlab	Prof. Mani Mehra Prof. Vivek K. Aggarwal	IIT Delhi	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Scientific Computing using Python (In Hindi)	Prof. Mani Mehra Prof. Vivek K. Aggarwal	IIT Delhi	12 weeks	January 20, 2025	April 11, 2025	May 3, 2025
Set Theory and Mathematical Logic	Prof. Amit Kuber	IIT Kanpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Statistical Inference	Prof. Niladri Chatterjee	IIT Delhi	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Transform Calculus and its applications in Differential Equations	Prof. Adrijit Goswami	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Advanced Course on Partial Differential Equations - II	Prof. A K Nandakumaran Prof. P S Datti	IISc Bangalore	8 Weeks	February 17, 2025	April 11, 2025	May 3, 2025
Optimization Algorithms: Theory and Software Implementation	Prof. Thirumulanathan D	IIT Kanpur	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Multivariate Procedures with R (in Hindi Language)	Prof. Shalabh	IIT Kanpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025

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Soft Computing Techniques	Prof. Santimoy Kundu	IIT-ISM Dhanbad	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Advanced Computational Techniques	Prof. Somnath Bhattacharyya	IIT Kharagpur	4 Weeks	January 20, 2025	February 14, 2025	March 23, 2025
Advanced Engineering Mathematics	Prof. H S Mahato	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Applied Linear Algebra in AI and ML	Prof. Swanand Khare	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025

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Subject : Computer Science

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Large Applications Practicum	Prof. Varun Dutt	IIT Mandi	4 Weeks	February 17, 2025	March 14, 2025	April 26, 2025
Advanced Computer Architecture	Prof. Smruti R.Sarangi	IIT Delhi	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Advanced Computer Networks	Prof. Neminath Hubballi Prof. Sameer Kulkarni	IIT Indore IIT Gandhi Nagar	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Advanced Graph Theory	Prof. Rajiv Misra	IIT Patna	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Affective Computing	Prof. Jainendra Shukla Prof. Abhinav Dhall	IIIT Delhi	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
AI:Constraint Satisfaction	Prof. Deepak Khemani	IIT Madras	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Artificial Intelligence: Knowledge Representation And Reasoning	Prof. Deepak Khemani	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Blockchain and its Applications	Prof. Sandip Chakraborty Prof. Shamik Sural	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Business Intelligence & Analytics	Prof. Saji K Mathew	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Circuit Complexity Theory	Prof. Raghunath Tewari	IIT Kanpur	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Cloud Computing	Prof. Soumya Kanti Ghosh	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Cloud Computing and Distributed Systems	Prof. Rajiv Misra	IIT Patna	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Compiler Design	Prof. Santanu Chattopadhyay	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025

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Computational Number Theory and Algebra	Prof. Nitin Saxena	IIT Kanpur	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Computer Networks And Internet Protocol	Prof. Soumya Kanti Ghosh Prof. Sandip Chakraborty	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Cryptography and Network Security	Prof. Sourav Mukhopadhyay	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Data Analytics with Python	Prof. A Ramesh	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Data Base Management System	Prof. Partha Pratim Das Prof. Samiran Chattopadhyay	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Data Mining	Prof. Pabitra Mitra	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Data Science for Engineers	Prof. Ragunathan Rengasamy Prof. Shankar Narasimhan	IIT Madras	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Deep Learning - IIT Ropar	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Design and analysis of algorithms	Prof. Madhavan Mukund	CMI	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Design and Engineering of Computer Systems	Prof. Mythili Vutukuru	IIT Bombay	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Digital Design with Verilog	Prof. Chandan Karfa, Prof. Aryabartta Sahu	IIT Guwahati	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Discrete Mathematics	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Edge Computing	Prof. Rajiv Misra	IIT Patna	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025

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Embedded System Design with ARM	Prof. Indranil Sengupta Prof .Kamalika Dutta	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Embedded Systems Design	Prof. Anupam Basu	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Foundations of Cryptography	Prof. Ashish Choudhury	IIIT Bangalore	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Foundations of Cyber Physical Systems	Prof. Soumyajit Dey	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Fundamental Algorithms: Design and Analysis	Prof. Sourav Mukhopadhyay	IIT Kharagpur	4 Weeks	January 20, 2025	February 14, 2025	March 22, 2025
Fundamentals of Object Oriented Programming	Prof. Balasubramanian Raman	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Games and Information	Prof. Ankur A. Kulkarni	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Getting Started with Competitive Programming	Prof. Neeldhara Misra	IIT Gandhinagar	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
GPU Architectures and Programming	Prof. Soumyajit Dey	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Human Computer Interaction (In English)	Prof. Rajiv Ratn Shah	IIIT Delhi	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Information Security - 5 - Secure Systems Engineering	Prof. Chester Robeiro	IIT Madras	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Introduction to Database Systems	Prof. Sreenivasa Kumar	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Introduction to Embedded System Design	Prof. Dhananjay V. Gadre Prof. Badri N Subudhi	IIT Delhi	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Introduction To Haskell Programming	Prof. S. P Suresh	CMI	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025

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Introduction To Industry 4.0 And Industrial Internet Of Things	Prof. Sudip Misra	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Introduction To Internet Of Things	Prof. Sudip Misra	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Introduction to Machine Learning	Prof. Balaraman Ravindran	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Introduction to Machine Learning (Tamil)	Prof. Arun Rajkumar	IIT Madras	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Introduction To Soft Computing	Prof. Debasis Samanta	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Machine Learning for Engineering and science applications	Prof. Balaji Srinivasan Prof. Ganapathy Krishnamurthi	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Machine Learning, ML	Prof. Carl Gustaf Jansson	KTH Royal Institute of Technology, Sweden	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Natural Language Processing	Prof. Pawan Goyal	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Object Oriented System Development Using UML, Java And Patterns	Prof. Rajib Mall	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Optimisation for Machine Learning: Theory and Implementation (Hindi)	Prof. Pravesh Biyani	IIIT Delhi	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Parallel Computer Architecture	Prof. Hemangee K. Kapoor	IIT Guwahati	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Problem Solving Through Programming In C	Prof. Anupam Basu	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Programming In Java	Prof. Debasis Samanta	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Programming in Modern C++	Prof. Partha Pratim Das	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025

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Programming, Data Structures And Algorithms Using Python	Prof. Madhavan Mukund	CMI	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Python for Data Science	Prof. Ragunathan Rengasamy	IIT Madras	4 Weeks	January 20, 2025	February 14, 2025	March 22, 2025
Quantum Algorithms and Cryptography	Prof. Shweta Agrawal	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Reinforcement Learning	Prof. Balaraman Ravindran	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Secure Computation: Part I	Prof. Ashish Choudhury	IIIT Bangalore	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Selected Topics in Algorithms	Prof. Palash Dey	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Social Networks	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Software Testing	Prof. Rajib Mall	IIT Kharagpur	4 Weeks	January 20, 2025	February 14, 2025	March 22, 2025
Switching Circuits and Logic Design	Prof. Indranil Sengupta	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Systems and Usable Security	Prof. Neminath Hubballi	IIT Indore	4 Weeks	January 20, 2025	February 14, 2025	March 22, 2025
The Joy of Computing using Python	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Theory of Computation	Prof. Subrahmanyam Kalyanasundaram	IIT Hyderabad	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
User-centric Computing For Human-Computer Interaction	Prof. Samit Bhattacharya	IIT Guwahati	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
VLSI Physical Design	Prof. Indranil Sengupta	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025

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Wireless Ad Hoc and Sensor Networks	Prof. Sudip Misra	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Foundation of Cloud IoT Edge ML	Prof. Rajiv Misra	IIT Patna	8 Weeks	February 17, 2025	April 11, 2025	April 26, 2025
Linear programming and its applications to computer science	Prof. Rajat Mittal	IIT Kanpur	8 Weeks	February 17, 2025	April 11, 2025	May 3, 2025
Real Time Operating System	Prof. Rajib Mall	IIT Kharagpur	4 Weeks	February 17, 2025	March 14, 2025	April 26, 2025
Deep Learning	Prof. Prabir Kumar Biswas	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Privacy and Security in Online Social Media	Prof. Ponnurangam Kumaraguru	IIIT Hyderabad	12 weeks	January 20, 2025	April 11, 2025	April 27, 2025
Introduction to Large Language Models (LLMs)	Prof. Tanmoy Chakraborty Prof. Soumen Chakraborti	IIT Delhi	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Discrete Mathematics for CS	Prof. Nitin Saxena	IIT Kanpur	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Algorithms in Computational Biology and Sequence Analysis	Prof. Chirag Jain	IISc Bangalore	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025

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Subject : Sports, Humanities and Social Sciences

Course Name	SME Name	Institute	Duration	Course Start Date	Course End Date	Exam date
The Novel and Change	Prof. Avishek Parui	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Development of Sociology in India	Prof. Ashish Saxena	University of Allahabad	4 Weeks	January 20, 2025	February 14, 2025	March 23, 2025
Education for Sustainable Development	Prof. Atasi Mohanty	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Elements of Literature and Creative Communication	Prof. H.S. Komalesha	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Emotional Intelligence	Prof. Rabindra Kumar Pradhan	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Employment Communication A Lab based course	Prof. Seema Singh	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Introduction On Intellectual Property To Engineers And Technologists	Prof. Tapas Kumar Bandyopadhyay	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Legal Compliance for Incorporating Startup	Prof. Indrajit Dube	IIT Kharagpur	4 Weeks	January 20, 2025	February 14, 2025	March 23, 2025
Petroleum Economics and Management	Prof. Anwesha Aditya	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Soft Skill Development	Prof. Priyadarshi Patnaik Prof. V. N. Giri Prof. D. Suar	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Strategic Performance Management	Prof. K B L Srivastava	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Training and Development	Prof. Susmita Mukhopadhyay Prof. S. Srinivasan	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Victorian Literature: An Interdisciplinary Introduction	Prof. Aruni Mahapatra Prof. Smita Jha	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Social Behavior and the Brain: An Introduction to Social Neuroscience	Prof. Ark Verma	IIT Kanpur	8 Weeks	February 17, 2025	April 11, 2025	May 3, 2025
Advanced Level of Spoken Sanskrit	Prof. Anuradha Choudry	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
An Introduction to Microeconomics	Prof. Vimal Kumar	IIT Kanpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025

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Appreciating Hindustani Music	Prof. Lakshmi Sreeram	Ahmedabad University	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Basics of language Science	Prof. Rajesh Kumar	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Bilingualism: A cognitive and psycholinguistic perspective	Prof. Bidisha Som	IIT Guwahati	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Contemporary Literature	Prof. Aysha Viswamohan	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Contextualizing Gender	Prof. Rashmi Gaur	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Economic Growth And Development	Prof. Rajshree Bedamatta	IIT Guwahati	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Educational Technology and ICT	Prof. Sarita Anand	Visva-Bharati	12 weeks	January 20, 2025	April 11, 2025	May 4, 2025
Effective Writing	Prof. Binod Mishra	IIT Roorkee	4 Weeks + 4 Weeks (New)	January 20, 2025	March 14, 2025	March 23, 2025
Energy Resources, Economics and Environment	Prof. Rangan Banerjee	IIT Delhi	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
English language for competitive exams	Prof. Aysha Viswamohan	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
English Literature of the Romantic Period, 1798-1832	Prof. Pramod K Nayar	University of Hyderabad	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Exploring Survey Data on Health Care	Prof. Pratap C. Mohanty	IIT Roorkee	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Feminism : Concepts and Theories	Prof. Mathangi Krishnamurthy	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
German - I	Prof. Milind Brahme	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
German - II	Prof. Milind Brahme	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
German - III	Prof. Milind Brahme	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Globalization: Theoretical Perspectives	Prof. R. Santhosh	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025

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Great Experiments in Psychology	Prof. Rajlakshmi Guha	IIT Kharagpur	4 Weeks	January 20, 2025	February 14, 2025	March 23, 2025
Group Dynamics	Prof. Pooja Garg	IIT Roorkee	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Health Research Fundamentals	Prof. P. Manickam	NIE	8 Weeks	January_20, 2025	March 14, 2025	March 23, 2025
Indian Business History	Prof. Vipul Dutta	IIT Guwahati	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Indian Feminisms: Concepts and Issues	Prof. Anandita Pan	IIT Hyderabad	4 Weeks	January 20, 2025	February 14, 2025	March 23, 2025
Indian Poetry in English	Prof. Binod Mishra	IIT Roorkee	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Intellectual Property	Prof. Feroz Ali	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Introducing Modern Western Art: Movements and Artists	Prof. Soumik Nandy Majumdar	Visva Bharati University, Santiniketan	4 Weeks	January 20, 2025	February 14, 2025	March 23, 2025
Introduction to Brain and Behaviour	Prof. Ark Verma	IIT Kanpur	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Introduction To Cognitive Psychology	Prof. Naveen Kashyap	IIT Guwahati	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Introduction to Cultural Studies	Prof. Avishek Parui	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Introduction to Environmental Economics	Prof. Diptimayee Nayak Prof. S. P. Singh	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Introduction to Japanese Language and Culture	Prof. Vatsala Misra	IIT Kanpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Introduction To Modern Indian Political Thought	Prof. Mithilesh Kumar Jha	IIT Guwahati	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Introduction to Pāṇinian grammar	Prof. Malhar Kulkarni	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Introduction To Political Theory	Prof. Mithilesh Kumar Jha	IIT Guwahati	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Introduction to Psychology	Prof. Braj Bhushan	IIT Kanpur	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025

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Introduction to World Literature	Prof. Merin Simi Raj	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Japani Bhasha - Saral swaroop	Prof. Vatsala Misra	IIT Kanpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Language, Culture And Cognition: An Introduction	Prof. Bidisha Som	IIT Guwahati	8 Weeks	January_20, 2025	March 14, 2025	March 23, 2025
Learning English in Hindi	Prof. Rajesh Kumar	IIT Madras	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Literary Criticism (From Plato to Leavis)	Prof. Merin Simi Raj	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Literature and Coping Skills	Prof. Ajit K Mishra	IIT(BHU) Varanasi	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Literature and Life	Prof. S P Dhanavel	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Modern Indian Writing in Translation	Prof. Divya A	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Narrative Mode and Fiction renamed as 'Fiction: Epics, Novels and Poetry'	Prof. Sarbani Banerjee	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Online Communication in the Digital Age	Prof. Rashmi Gaur	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Patent Drafting for Beginners	Prof. Feroz Ali	IIT Madras	4 Weeks	January 20, 2025	February 14, 2025	March 23, 2025
Patent Law for Engineers and Scientists	Prof. Feroz Ali	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Philosophical Foundations Of Social Research	Prof. Sambit Mallick	IIT Guwahati	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Philosophy and Critical Thinking	Prof. Gyan Prakash	IIT-ISM Dhanbad	12 weeks	January 20, 2025	April 11, 2025	May 3, 2025
Phonetics And Phonology: A Broad Overview	Prof. Shakuntala Mahanta	IIT Guwahati	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Psychiatry - An Overview and How the Brain Creates Mind	Prof. Alok Bajpai	IIT Kanpur	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Psychology of Personality and Individual Differences: Theory and Applications	Prof. Dilwar Hussain	IIT Guwahati	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025

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Psychology Of Stress, Health And Well-Being	Prof. Dilwar Hussain	IIT Guwahati	12 weeks	January 20, 2025	April 11, 2025	April 26, 2025
Science Communication: Research Productivity and Data Analytics using Open Source Software	Prof. Nabi Hasan Prof. Mohit Garg	IIT Delhi	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Sociological Perspectives On Modernity	Prof. Sambit Mallick	IIT Guwahati	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Strength & Conditioning for the Indian Population	Prof. Deckline Leitao Prof. Varun Suresh Kumar	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Technology Transfer Through Joint Venture	Prof. Indrajit Dube	IIT Kharagpur	4 Weeks	January 20, 2025	February 14, 2025	March 23, 2025
The Nineteenth - Century English Novel	Prof. Divya A	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Trauma and Literature	Prof. Avishek Parui	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Twentieth Century Fiction	Prof. Avishek Parui	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
United Nations Sustainable Development Goals (UN SDGs)	Prof. Shiva Ji	IIT Hyderabad	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
समास samāsa in Pāṇinian grammar- I	Prof. Malhar Kulkarni	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Cognitive Ergonomics	Prof. M. K. Asthana	IIT Roorkee	4 Weeks	February 17, 2025	March 14, 2025	May 3, 2025
Complete guide for campus interviews: Step by step preparation for Internships and Full-time jobs	Prof. Vinod Aravindakshan Prof. Vibin Aravindakshan	IIT Palakkad Careerbolt	4 Weeks	February 17, 2025	March 14, 2025	May 3, 2025
Enhancing Soft Skills and Personality	Prof. T. Ravichandran	IIT Kanpur	8 Weeks	February 17, 2025	April 11, 2025	May 3, 2025
Essentials of Sports Injury Prevention & Rehabilitation	Col (Dr) Anup Krishnan (Retd) Wg Cdr (Dr) CS Guru Lt Col (Dr) Atul Sharma	IIT Madras	8 Weeks	February 17, 2025	April 11, 2025	May 4, 2025

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Forensic Linguistics	Prof. Deepak Mashru	National Forensic Sciences Universtiy (INI)	4 Weeks	February 17, 2025	March 14, 2025	May 3, 2025
Human Behaviour	Prof. Naveen Kashyap	IIT Guwahati	8 Weeks	February 17, 2025	April 11, 2025	April 26, 2025
Human Movement Science	Prof. Shruti Bhandurge Prof. Subham Badhyal	IIT Madras	8 Weeks	February 17, 2025	April 11, 2025	May 3, 2025
Introduction To Modern Indian Drama	Prof. Kiran Keshavamurthy	IIT Guwahati	8 Weeks	February 17, 2025	April 11, 2025	April 26, 2025
Language and Mind	Prof. Rajesh Kumar	IIT Madras	8 Weeks	February 17, 2025	April 11, 2025	May 3, 2025
Mastering Speaking and Presentations: A case Based Approach	Prof. Seema Singh	IIT Kharagpur	8 Weeks	February 17, 2025	April 11, 2025	May 4, 2025
Modern Indian Art From the Colonial Period to the Present	Prof. Soumik Nandy Majumdar	Visva Bharati University, Santiniketan	4 Weeks	February 17, 2025	March 14, 2025	May 4, 2025
Modernisation and Creative Communication	Prof. Saswat Samay Das Prof. Ananya Roy Pratihar	IIT Kharagpur	8 Weeks	February 17, 2025	April 11, 2025	May 3, 2025
Psychology Of Bilingualism And Multilingualism	Prof. Ark Verma	IIT Kanpur	8 Weeks	February 17, 2025	April 11, 2025	May 3, 2025
Sociology and Sanitation: An Introduction	Prof. Ashish Saxena	University of Allahabad	4 Weeks	February 17, 2025	March 14, 2025	May 4, 2025
The Science of Happiness and Wellbeing	Prof. Priyadarshi Patnaik Prof. Manas K Mandal	IIT Kharagpur	8 Weeks	February 17, 2025	April 11, 2025	April 27, 2025
Towards an Ethical Digital Society: From Theory to Practice	Prof. Amit Prakash	IIIT Bangalore	4 Weeks	February 17, 2025	March 14, 2025	April 26, 2025
Anti-Doping Awareness in Sports	Prof. Ankush Gupta Prof. Jay Singh Col (Dr) Anup Krishnan (Retd) Prof. Dobson Dominic	IIT Madras	8 Weeks	February 17, 2025	April 11, 2025	May 4, 2025
Toolkit of PE Teachers: Basic	Prof. Sunil Purohit Prof. Divyadeep Hada Prof. Azad Khan	IIT Madras	4 Weeks	February 17, 2025	March 14, 2025	May 4, 2025

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Advanced Course in Performance Traditions of the Mahabharata in Tamil Nadu- 2	Prof. Sashikanth Ananthachari	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Korean II	Prof. Soo Jin Shim	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Introduction to Economic Growth- I	Prof. Sohini Sahu	IIT Kanpur	4 Weeks	February 17, 2025	March 14, 2025	May 4, 2025
Refugee, Migration, Diaspora	Prof. Sarbani Banerjee	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Gender Inclusive Urban Spaces: Issues and Questions	Prof. Binitha V Thampi	IIT Madras	4 Weeks	February 17, 2025	March 14, 2025	May 3, 2025
Geomorphic Processes: Landforms and Landscapes	Prof. Javed N. Malik	IIT Kanpur	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Natural Hazards	Prof. Javed N. Malik Prof. Santiswarup Sahoo	IIT Kanpur	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
The Evolution of the Earth and Life	Prof. Devapriya Chattopadhyay	IISER Pune	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Laboratory Practices in Earth Sciences: Landscape Mapping	Prof. Javed N Malik	IIT Kanpur	8 Weeks	February 17, 2025	April 11, 2025	April 26, 2025
Applied Econometrics	Prof. Sabuj Kumar Mandal	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Foundations of Accounting & Finance	Prof. Arun Kumar Gopalaswamy	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Health Economics	Prof. Pratap C. Mohanty	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Indian Economy: Some Contemporary Perspectives	Prof. Wasim Ahmad	IIT Kanpur	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Introduction to Econometrics	Prof. Sabuj Kumar Mandal	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Microfoundations of Macroeconomics	Prof. Wasim Ahmad	IIT Kanpur	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Predictive Analytics - Regression and Classification	Prof. Sourish Das	CMI	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025

Probability and Stochastic for Finance	Prof. Joydeep Dutta	IIT Kanpur	8 Weeks	February 17, 2025	April 11, 2025	May 3, 2025

Subject : Commerce & Management

Course Name	SME Name	Institute	Duration	Course Start Date	Course End Date	Exam date
Advanced Contracts, Tendering and Public Procurement	Prof. Sairam Bhat	NLSIU	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Constitution Law and Public Administration in India	Prof. Sairam Bhat	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
IP Management & Technology Transfer	Prof. Gouri Gargate	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Centre-State Relations in India	Prof. Uday Shankar	IIT Kharagpur	8 Weeks	February 17, 2025	April 11, 2025	April 27, 2025
Directive Principles of State Policy and Fundamental Duties: Constitutional Imperative	Prof. Uday Shankar	IIT Kharagpur	8 Weeks	February 17, 2025	April 11, 2025	May 3, 2025
International Trade Law	Prof. Raju KD	IIT Kharagpur	8 Weeks	February 17, 2025	April 11, 2025	May 3, 2025
Advanced Financial Instruments for Sustainable Business and Decentralized Markets	Prof. Abhinava Tripathi	IIT Kanpur	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Advances in Strategic Human Resource Management (HRM)	Prof. Ashish Pandey	IIT Bombay	4 Weeks	January 20, 2025	February 14, 2025	March 23, 2025
Advertising & Promotions Management	Prof. Mrinalini Pandey	IIT-ISM Dhanbad	12 weeks	January 20, 2025	April 11, 2025	May 4, 2025
AI in Human Resource Management	Prof. Abraham Cyril Issac	IIT Guwahati	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
AI in Marketing	Prof. Zillur Rahman	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
AI in Product Management	Prof. Zillur Rahman	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025

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Artificial Intelligence (AI) for Investments	Prof. Abhinava Tripathi	IIT Kanpur	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Business analytics and data mining Modeling using R	Prof. Gaurav Dixit	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Business Analytics For Management Decision	Prof. Rudra P Pradhan	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Business Development: From Start to Scale	Prof. C Bhaktavatsala Rao	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Business Ethics	Prof. Susmita Mukhopadhyay	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Business Law for Managers	Prof. S. Srinivasan Prof. Kaushik Mukherjee	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Business Statistics	Prof. Mukesh Kumar Barua	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Consumer Behaviour	Prof. Srabanti Mukherjee	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Data Analysis and Decision Making - I	Prof. Raghu Nandan Sengupta	IIT Kanpur	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Design Thinking - A Primer	Prof. Ashwin Mahalingam Prof. Bala Ramadurai	IIT Madras	4 Weeks	January 20, 2025	February 14, 2025	March 23, 2025
E-Business	Prof. Mamata Jenamani	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Financial accounting - IITMandi	Prof. Puran Singh	IIT Mandi	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Financial Derivatives & Risk Management	Prof. J. P. Singh	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Financial Institutions and Markets	Prof. Jitendra Mahakud	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Financial Management For Managers	Prof. Anil K. Sharma	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Financial Statement Analysis and Reporting	Prof. Anil K. Sharma	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Foundation Course in Managerial Economics	Prof. Barnali Nag	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Global Marketing Management	Prof. Zillur Rahman	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Infrastructure Economics	Prof. Nalin Bharti	IIT Patna	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025

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Innovation in Marketing and Marketing of Innovation	Prof. Vinay Sharma	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Integrated Marketing Communication	Prof. Vinay Sharma	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Integrated Marketing Management	Prof. R. Srinivasan	IISc Bangalore	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
International Business	Prof. Jogendra K. Nayak	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
International Marketing	Prof. Biswarup Ghosh	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Introduction to Operations Research	Prof. G. Srinivasan	IIT Madras	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Introduction to probability and Statistics	Prof. G. Srinivasan	IIT Madras	4 Weeks	January 20, 2025	February 14, 2025	March 22, 2025
Introduction to Stochastic Processes	Prof. Manjesh Hanawal	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Introduction to System Dynamics Modeling	Prof. Jayendran Venkateswaran	IIT Bombay	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Leadership and Team Effectiveness	Prof. Santosh Rangnekar	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Leadership for India Inc: Practical Concepts and Constructs	Prof. C Bhaktavatsala Rao	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Management of Commercial Banking	Prof. Jitendra Mahakud	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Management of Field Sales	Prof. Jayanta Chatterjee	IIT Kanpur	4 Weeks	January 20, 2025	February 14, 2025	March 22, 2025
Management of Inventory Systems	Prof. Pradip Kumar Ray	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Management of New Products and Services	Prof. Jayanta Chatterjee	IIT Kanpur	4 Weeks	January 20, 2025	February 14, 2025	March 23, 2025
Managing change in organizations	Prof. KBL Srivastava	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Marketing Analytics	Prof. Swagato Chatterjee	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Marketing Research and Analysis-II	Prof. Jogendra K. Nayak	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
MCDM Techniques Using R	Prof. Gaurav Dixit	IIT Roorkee	4 Weeks	January 20, 2025	February 14, 2025	March 23, 2025
Modelling and Analytics for Supply Chain Management	Prof. Kunal Kanti Ghosh Prof. Anupam Ghosh	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Multivariate Procedures with R (in English language)	Prof. Shalabh	IIT Kanpur	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025

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Organizational Behaviour: Individual Dynamics in Organization	Prof. Abraham Cyril Issac	IIT Guwahati	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Organizational Design Change and Transformation	Prof. Susmita Mukhopadhyay Prof. Sangeeta Sahney Prof. S. Srinivasan	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Principles of Management	Prof. Usha Lenka	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Production and Operation Management	Prof. Rajat Agrawal	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Public Organization and Management	Prof Vaneet Kashyap	IIT Tirupati	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Quality Design And Control	Prof. Pradip Kumar Ray	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Retail Management	Prof. Swagato Chatterjee	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Safety and Risk Analytics	Prof. Jhareswar Maiti	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Services Marketing: A Practical Approach	Prof. Biplab Datta	IIT Kharagpur	4 Weeks	January 20, 2025	February 14, 2025	March 23, 2025
Simulation of Business Systems: An Applied Approach	Prof. Deepu Philip	IIT Kanpur	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Strategic Services Marketing	Prof. Kalpak Kulkarni	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Strategic Sourcing	Prof. Arshinder Kaur	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Supply Chain Digitization	Prof. Priyanka Verma Prof. Sushmita Narayana Prof. Debabrata Das	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Systems Engineering: Theory & Practice	Prof. Deepu Philip	IIT Kanpur	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Talent Acquisition and Management	Prof. Santosh Rangnekar	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Technology Forecasting for strategic decision making - An Introduction	Prof. Dmitry Kucharavy Prof. Bala Ramadurai	EM Strasbourg Business School (University of Strasbourg) and IITM	4 Weeks	January 20, 2025	February 14, 2025	March 23, 2025
Business Forecasting	Prof. Pankaj Dutta	IIT Bombay	8 Weeks	February 17, 2025	April 11, 2025	April 26, 2025
Marketing Management - II	Prof.Jayanta Chatterjee Prof. Shashi Shekhar Mishra	IIT Kanpur	8 Weeks	February 17, 2025	April 11, 2025	May 4, 2025
Mergers, Acquisitions and Corporate Restructuring	Prof. Chandra Sekhar Mishra	IIT Kharagpur	8 Weeks	February 17, 2025	April 11, 2025	April 26, 2025

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Project Management	Prof. Ramesh Anbanandam	IIT Roorkee	8 Weeks	February 17, 2025	April 11, 2025	April 26, 2025
Quality Control and Improvement with MINITAB	Prof. Indrajit Mukherjee	IIT Bombay	8 Weeks	February 17, 2025	April 11, 2025	May 3, 2025
Sales and Distribution Management	Prof. Sangeeta Sahney	IIT Kharagpur	8 Weeks	February 17, 2025	April 11, 2025	May 4, 2025
Total Quality Management - I	Prof. Raghu Nandan Sengupta	IIT Kanpur	8 Weeks	February 17, 2025	April 11, 2025	April 27, 2025
Yoga and Positive Psychology for Managing Career and Life	Prof. Ashish Pandey	IIT Bombay	8 Weeks	February 17, 2025	April 11, 2025	May 4, 2025
Operations and Revenue Analytics	Prof. Rajat Agrawal	IIT Roorkee	8 Weeks	February 17, 2025	April 11, 2025	April 26, 2025
Advanced Financial Analytics	Prof. Abhinava Tripathi	IIT Kanpur	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Business Fundamentals for Entrepreneurs	Prof. Devdip Purkayastha	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Level-O Certificate Course in Cricket Coaching	Prof. Abhijit Thander	Visva-Bharati	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Exercise and Sports Biomechanics	Prof. Viswanath Sundar Prof. P.Rajinikumar Prof. Rahul Tiwari	Visva-Bharati	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025

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Subject : Agriculture, Food Science & Biotechnology

Course Name	SME Name	Institute	Duration	Course Start Date	Course End Date	Exam date
Design of Farm Machinery	Prof. Hifjur Raheman	IIT Kharagpur	12 weeks	January 20, 2025	April 11, 2025	April 26, 2025
Food Science and Technology	Prof. Hari Niwas Mishra	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Impact of Flow of Fluids in Food Processing and Preservation	Prof. Kanishka Bhunia Prof. Tridib Kumar Goswami	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Modern Food Packaging Technologies: Regulatory Aspects and Global Trends	Prof. Prem Prakash Srivastav	IIT Kharagpur	12 weeks	January 20, 2025	April 11, 2025	April 26, 2025
Basics of Crop Breeding and Plant Biotechnology	Prof. Joydeep Banerjee	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Cooling Technology: Why and How utilized in Food Processing and allied Industries	Prof. Tridib Kumar Goswami	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Machine Learning for Soil and Crop Management	Prof. Somsubhra Chakraborty	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Novel Technologies for Food Processing and Shelf Life Extension	Prof. Hari Niwas Mishra	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Soil and Water Conservation Engineering	Prof. Rajendra Singh	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Soil Science and Technology	Prof. Somsubhra Chakraborty	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Traction Engineering	Prof. Hifjur Raheman	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Water Quality Management Practices	Prof. Gourav Dhar Bhowmick	IIT Kharagpur	12 weeks	January 20, 2025	April 11, 2025	April 26, 2025
Watershed Hydrology	Prof. Rajendra Singh	IIT Kharagpur	12 weeks	January 20, 2025	April 11, 2025	April 26, 2025
Introduction to Evolutionary Dynamics	Prof. Supreet Saini	IIT Bombay	12 weeks	January 20, 2025	April 11, 2025	May 4, 2025

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Environmental Chemistry and Microbiology	Prof. Anjali Pal Prof. Sudha Goel	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Molecular Biology	Prof. Vishal Trivedi	IIT Guwahati	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Pharmacognosy & Metabolic Engineering	Prof. Adinpunya Mitra	IIT Kharagpur	12 weeks	January 20, 2025	April 11, 2025	April 27, 2025
Plant Developmental Biology	Prof. Shri Ram Yadav	IIT Roorkee	4 Weeks	January 20, 2025	February 14, 2025	March 23, 2025
Structural Biology	Prof. Saugata Hazra	IIT Roorkee	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Biological Data Analysis and Visualization with R	Prof. Riddhiman Dhar	IIT Kharagpur	8 Weeks	February 17, 2025	April 11, 2025	April 27, 2025
Basics of Biology	Prof. Vishal Trivedi	IIT Guwahati	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Biochemistry - IITM	Prof. Subramaniam K	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Bioelectrochemistry	Prof. Mainak Das	IIT Kanpur	4 Weeks	January 20, 2025	February 14, 2025	March 22, 2025
Bioengineering: An Interface with Biology and Medicine	Prof. Sanjeeva Srivastava	IIT Bombay	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
BioInformatics: Algorithms and Applications	Prof. Michael Gromiha	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Biointerface Engineering	Prof. Lalit M. Pandey	IIT Guwahati	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Biomechanics	Prof. Varadhan SKM	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Bioreactor Design and Analysis	Prof. Smita Srivastava	IIT Madras	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Biostatistics and Design of experiments	Prof. Mukesh Doble	IIT Madras	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025

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Cell Biology: Cellular organization, division and processes	Prof. Shikha Laloraya	IISc Bangalore	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Classics in Neuroscience	Prof. Varadhan SKM	IIT Madras	8 Weeks + 4 Weeks (New)	January 20, 2025	April 11, 2025	April 27, 2025
Computational Genomics	Prof. Vineet Kumar Sharma	IISER Bhopal	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Computational Systems Biology	Prof. Karthik Raman	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Data Analysis for Biologists	Prof. Biplab Bose	IIT Guwahati	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Demystifying the Brain	Prof. Srinivas Chakravarthy	IIT Madras	4 Weeks	January 20, 2025	February 14, 2025	March 22, 2025
Enzyme Sciences and Technology	Prof. Vishal Trivedi	IIT Guwahati	12 weeks	January 20, 2025	April 11, 2025	May 3, 2025
Host-Pathogen Interaction (Immunology)	Prof. Himanshu Kumar	IISER Bhopal	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Human Physiology	Prof. Nishikant Subhedar	IISER Pune	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
I Think Biology	Prof. Kaustubh Rau Prof. Sravanti Uppaluri Prof. Divya Uma Prof. Jayanti Ray Mukherjee Prof. Prachi Gupta	Azim Premji University	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Interactomics: Basics & Applications	Prof. Sanjeeva Srivastava	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Introduction to Complex Biological Systems	Prof. Soumya De Prof. Dibyendu Samanta	IIT Kharagpur	12 weeks	January 20, 2025	April 11, 2025	April 27, 2025
Introduction to Professional Scientific Communication	Prof. S. Ganesh	IIT Kanpur	4 weeks	January 20, 2025	February 14, 2025	March 22, 2025

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Introductory Mathematical Methods for Biologists	Prof. Ranjit Padinhateeri	IIT Bombay	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Material and Energy Balances	Prof. Vignesh Muthuvijayan	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Maternal Infant Young Child Nutrition	Prof. Rupal Dalal	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Maternal Infant Young Child Nutrition (Hindi)	Prof. Rupal Dalal	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Medical Biomaterials	Prof. Mukesh Doble	IIT Madras	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Metabolic Engineering	Prof. Pinaki Sar Prof. Amit Ghosh	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Microbial Biotechnology	Prof. Utpal Bora	IIT Guwahati	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Microsensors, Implantable Devices and Rodent Surgeries for Biomedical Applications	Prof. Shabari Girishan K V Prof. Hardik J. Pandya	IISc Bangalore	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Nanotechnology in Agriculture	Prof. Mainak Das	IIT Kanpur	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Optical Spectroscopy and Microscopy : Fundamentals of Optical Measurements and Instrumentation	Prof. Balaji Jayaprakash	IISc Bangalore	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
RNA Biology	Prof. Rajesh Ramachandran	IISER Mohali	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Thermodynamics for Biological Systems : Classical and Statistical Aspect	Prof. G. K. Suraishkumar Prof. Sanjib Senapati	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Advanced Fluorescence Microscopy and Image Processing	Prof. Gunjan Mehta	IIT Hyderabad	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Climate Change Science	Prof. J.Srinivasan	IISc Bangalore	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025

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Environmental Geosciences	Prof. Prasoon Kumar Singh	IIT-ISM Dhanbad	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Food Microbiology for Safe and Sustainable Food Systems	Prof. Prem Prakash Srivastav	IIT Kharagpur	8 Weeks	February 17, 2025	April 11, 2025	April 26, 2025
Fundamentals of Ecology	Prof. Vishwesha Guttal Prof. Kavita Isvaran Prof. Kartik Shanker Prof. Umesh Srinivasan Prof. Maria Thaker Prof. Saskya van Nouhuys	IISc Bangalore	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025

Subject : Multidisciplinary

Course Name	SME Name	Institute	Duration	Course Start Date	Course End Date	Exam date
Conservation Economics	Prof. Ankur Awadhiya	IIT Kanpur	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Forests and their Management	Prof. Ankur Awadhiya	IIT Kanpur	12 Weeks	January 20, 2025	April 11, 2025	April 26, 2025
Neural Science for Engineers	Prof. Vikas V	IISc Bangalore	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
An Overview on Maternal Health Antenatal, Intranatal and Postnatal Care	Prof. Barnali Ghosh	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Basic Certificate in Palliative Care - 2	Prof. Geeta Joshi Prof. Piyush Gupta	International Institute of Distance Learning, An Initiative of NAPCAIM	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025

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Basic Course in Ornithology	Prof. Mousumi Ghosh Prof. Manjari Jain Prof. R Jayapal Prof. Suhel Quader Prof. V.V. Robin Prof. Umesh Srinivasan	NCF IISER Mohali SACON NCF IISER Tirupati IISc	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Basics of Mental Health & Clinical Psychiatry	Prof. Arijita Banerjee Prof. Sumit Kumar	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Biophotonics	Prof. Basudev Lahiri	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Comprehensive Molecular Diagnostics and Advanced Gene Expression Analysis	Prof. Aritri Bir Prof. Arindam Ghosh	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Designing Learner-Centric MOOCs	Prof. Sahana Murthy Prof. Jayakrishnan M Prof. Sameer Sahasrabudhe	IIT Bombay	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Entrepreneurship Essentials	Prof. Manoj Kumar Mondal	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Fundamental Of Fluid Mechanics For Chemical And Biomedical Engineers	Prof. Raghvendra Gupta	IIT Guwahati	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Fuzzy Logic and Neural Networks	Prof. Dilip Kumar Pratihar	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Groundwater hydrology and management	Prof. Pennan Chinnasamy	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Introduction to Environmental Engineering and Science - Fundamental and Sustainability Concepts	Prof. Brajesh K Dubey	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Introduction to Reliability Engineering	Prof. Neeraj Kumar Goyal	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Management of Medical Emergencies in Dental Practice	Multifaculty	Tagore Dental College & Hospital & IITM	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025

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Multi-Criteria Decision Making and Applications	Prof. Raghu Nandan Sengupta	IIT Kanpur	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Nanobio Technology Enabled Point-of-Care Devices	Prof. Gorachand Dutta	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
NBA Accreditation and Teaching and learning in Engineering (NATE)	Prof. N J Rao Prof. K Rajanikanth	IISc Bangalore	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Non-conventional energy Resources	Prof. Prathap Haridoss	IIT Madras	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
One Health	Multi Faculty	ICMR - Regional Medical Research Centre, Bhubaneswar	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Oral Biology	Prof. Ramya and Team	Saveetha Dental College & IITM	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Qualitative Research Methods and Research Writing	Prof. Aradhna Malik	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	April 27, 2025
Research Methodology	Prof. Edamana Prasad Prof. Prathap Haridoss	IIT Madras	8 Weeks	January 20, 2025	March 14, 2025	March 22, 2025
Research Methodology in Natural Sciences	Prof. Soumitro Banerjee	IISER Kolkata	12 Weeks	January 20, 2025	April 11, 2025	May 3, 2025
Roadmap for patent creation	Prof. Gouri Gargate	IIT Kharagpur	8 Weeks	January 20, 2025	March 14, 2025	March 23, 2025
Rural Water Resources Management	Prof. Pennan Chinnasamy	IIT Bombay	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Sustainable Mining and Geoinformation	Prof. B. K. Prusty Prof. M. D. Behera	IIT Kharagpur	12 Weeks	January 20, 2025	April 11, 2025	May 4, 2025
Teaching And Learning in Engineering (TALE)	Prof. N J Rao	IISc Bangalore	4 Weeks	January 20, 2025	February 14, 2025	March 23, 2025
An Introduction to Urban Ecological Heritage: Theories and Applications	Prof. Jenia Mukherjee	IIT Kharagpur	4 Weeks	February 17, 2025	March 14, 2025	April 27, 2025

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Experimental Robotics	Prof. Dilip Kumar Pratihar	IIT Kharagpur	4 Weeks	February 17, 2025	March 14, 2025	April 27, 2025
Medical Law	Prof. Chaitanya Mittal Prof. Narendran Thiruthy	IIT Kharagpur	8 Weeks	February 17, 2025	April 11, 2025	May 3, 2025
Outcome based pedagogic principles for effective teaching	Prof. Shyamal Kumar Das Mandal	IIT Kharagpur	4 Weeks	February 17, 2025	March 14, 2025	April 27, 2025
Pulmonary Function tests - Interpretation and application in clinical practice	Multifaculty	Chettinad Hospital and Research Institute	4 Weeks	February 17, 2025	March 14, 2025	April 26, 2025
Recommender Systems	Prof. Mamata Jenamani	IIT Kharagpur	8 Weeks	February 17, 2025	April 11, 2025	May 3, 2025
Vulnerability Studies: An Introduction	Prof. Pramod K Nayar	University of Hyderabad	8 Weeks	February 17, 2025	April 11, 2025	April 26, 2025