

List of NPTEL Online Courses Available for Registration (Free eLearning): Jan. - April 2023

For details please visit <https://swayam.gov.in/NPTEL>

Complete Course list URL : [https://docs.google.com/spreadsheets/d/e/2PACX-](https://docs.google.com/spreadsheets/d/e/2PACX-1vRVtg0JOsPqY3lieAB3Czc_q4_E380gwCksAnm3nWjQiez1pHfKOlRQDj9D3h7lOyWzNXs5-6NWR_uy/pubhtml)

[1vRVtg0JOsPqY3lieAB3Czc_q4_E380gwCksAnm3nWjQiez1pHfKOlRQDj9D3h7lOyWzNXs5-6NWR_uy/pubhtml](https://docs.google.com/spreadsheets/d/e/2PACX-1vRVtg0JOsPqY3lieAB3Czc_q4_E380gwCksAnm3nWjQiez1pHfKOlRQDj9D3h7lOyWzNXs5-6NWR_uy/pubhtml)

Subject : Physics

Course Name	SME Name	Institute	Duration	Course Start Date	Course End Date	Exam date
Mathematical Methods in Physics 1	Prof. Auditya Sharma	IISER Bhopal	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023
Basic Electronics	Prof. M.B. Patil	IITB	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Digital Signal Processing	Prof. C.S.Ramalingam	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Physics through Computational Thinking	Prof. Auditya Sharma	IISER Bhopal	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023
Physics of Biological Systems	Prof. Mithun Mitra	IITB	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Quantum Mechanics I	Prof. Ramadevi	IITB	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Group Theory methods in Physics	Prof. P. Ramadevi	IITB	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
A brief course on Superconductivity	Prof. Saurabh Basu	IITG	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Advanced Condensed Matter Physics	Prof. Saurabh Basu	IITG	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Introduction to Atmospheric and Space Sciences	Prof. M V Sunil Krishna	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Fluid Dynamics for Astrophysics	Prof. Prasad Subramanian	IISER Pune	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Quantum Transport	Prof. Madhu Thalakulam	IISER Thiruvananthapuram	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023

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Statistical Mechanics	Prof. Dipanjan Chakraborty	IISER Mohali	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Introduction to Quantum Field Theory (Theory of Scalar Fields) - Part 2	Prof. Anurag Tripathi	IITH	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Thermal Physics	Prof. Debamalya Banerjee	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Atomic And Molecular Physics	Prof. Amal Kumar Das	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Experimental Physics - II	Prof. Amal Kumar Das	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Electronic Theory Of Solids	Prof. Arghya Taraphder	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Physics of Linear And Nonlinear Optical Waveguides	Prof. Samudra Roy	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Advanced Atmospheric Physics	Prof. M V Sunil Krishna	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Nuclear Astrophysics	Prof. Anil Kumar Gourishetty	IITR	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023
Introduction To Statistical Mechanics	Prof. Girish S. Setlur	IITG	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023

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Subject : Textile Technology

Course Name	SME Name	Institute	Duration	Course Start Date	Course End Date	Exam date
Evaluation of Textiles Materials	Prof. Apurba Das	IITD	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Testing of Functional and Technical Textiles	Prof. Apurba Das	IITD	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023
Theory of Yarn Structure	Prof. Dipayan Das	IITD	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Advanced Textile Printing Technology	Prof. Kushal Sen	IITD	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Textured Yarn Technology	Prof. Kushal Sen	IITD	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Textile Product Design and Development	Prof. R Chattopadhyay	IITD	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
New Spinning Technologies	Prof. R Chattopadhyay	IITD	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023

Subject : Chemistry

Course Name	SME Name	Institute	Duration	Course Start Date	Course End Date	Exam date
Organometallic Chemistry	Prof. Debabrata Maiti	IITB	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Basics in Inorganic Chemistry	Prof. D. Maiti	IITB	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Essentials of Biomolecules : Nucleic Acids and Peptides	Prof. Lal Mohan Kundu	IITG	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023

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Transition Metal Organometallics in Catalysis and Biology	Prof. P. Ghosh	IITB	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Advanced Transition Metal Organometallic Chemistry	Prof. P. Ghosh	IITB	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Advanced Chemical Thermodynamics and Kinetics	Prof. Arijit Kumar De	IISER Mohali	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Basic thermodynamics: Classical and Statistical Approaches	Prof. Arnab Mukherjee	IISER Pune	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Chemistry - II	Prof. K.Mangal Sundar	IITM	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Fundamentals of Spectroscopy	Prof. Sayan Bagchi Prof. Anirban Hazra	NCL Pune, IISER Pune	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Medicinal Chemistry	Prof. Harinath Chakrapani	IISER Pune	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Pericyclic Reactions and Organic Photochemistry	Prof. Sankararaman	IITM	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Ultrafast laser spectroscopy	Prof. Anindya Datta	IITB	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Molecular Spectroscopy: A Physical Chemist's perspective	Prof. Anindya Datta	IITB	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Chemistry Of Main Group Elements	Prof. M.S. Balakrishna	IITB	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023

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Bioinorganic Chemistry	Prof. S. P. Rath	IITK	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Introductory Organic Chemistry I	Prof. Neeraja Dashaputre Prof. Harinath Chakrapani	IISER Pune	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023
Symmetry, Stereochemistry and Applications	Prof. Angshuman Roy Choudhury	IISER Mohali	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Symmetry and Group Theory	Prof. Jeetender Chugh	IISER PUNE	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Elementary Electrochemistry	Prof. Angshuman Roy Choudhury	IISER Mohali	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023
Reactive Intermediates Carbene And Nitrene	Prof. Rajarshi Samanta	IITKGP	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Nuclear and Radiochemistry	Prof. B.S.Tomar Prof. P.K.Mohapatra	Homi Bhabha National Institute	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Organic Chemistry I (Tamil)	Prof. Srinivasan Venkataraman	IISER PUNE	4 Weeks	February 20, 2023	March 17, 2023	April 29, 2023
Structure, Stereochemistry And Reactivity Of Organic Compounds And Intermediates: A Problem-solving Approach	Prof. Amit Basak	IITKGP	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Introduction To Molecular Thermodynamics	Prof. Srabani Taraphder	IITKGP	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Approximate Methods In Quantum Chemistry	Prof. Sabyashachi Mishra	IITKGP	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023

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Co-Ordination Chemistry (Chemistry Of Transition Elements)	Prof. Debashis Ray	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Industrial Inorganic Chemistry	Prof. Debashis Ray	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
A Study Guide In Organic Retrosynthesis: Problem Solving Approach	Prof. Samik Nanda	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Experimental Biochemistry	Prof. Swagata Dasgupta Prof. Soumya De	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Biochemistry	Prof. Swagata Dasgupta	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Essentials of Oxidation, Reduction and C-C Bond Formation. Application in Organic Synthesis	Prof. Yashwant D Vankar	IITB	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Thermodynamics: Classical To Statistical	Prof. Sandip Paul	IITG	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Chemical kinetics and transition state theory	Prof. Amber Jain	IITB	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023

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Subject : Mathematics

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Graph Theory	Prof. Soumen Maity	IISER PUNE	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Introduction To Rings And Fields	Prof. Krishna Hanumantha	CMI	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Linear Algebra	Prof. Pranav Haridas	Kerala School of Mathematics	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Probabilistic Methods in PDE	Prof. Anindya Goswami	IISER Pune	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Numerical Linear Algebra	Prof. P. N. Agarawal Prof. D. N. Pandey	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Ordinary and Partial Differential Equations and Applications	Prof. P. N. Agrawal Prof. D. N. Pandey	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Basic Linear Algebra	Prof. I.K.Rana	IITB	8 Weeks	February 20, 2023	April 14, 2023	April 30, 2023
Basic Real Analysis	Prof. I. K. Rana	IITB	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Multivariable calculus	Prof. S. K. Gupta Prof. Sanjeev Kumar	IITR	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Mathematical Modelling: Analysis and Applications	Prof. Ameeya Kumar Nayak	IITR	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Numerical Methods: Finite difference approach	Prof. Ameeya Kumar Nayak	IITR	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Introduction to Galois Theory	Prof. Krishna Hanumanthu	CMI	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Basic Calculus - 1	Prof. Arindama Singh	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023

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Algebra - II	Prof. S. Viswanath Prof. Amritanshu Prasad	IMSc	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Functional Analysis	Prof. Kesavan	IMSc	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Computational Mathematics with SageMath	Prof. Ajit Kumar	Institute of Chemical Technology, Mumbai	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Advanced Linear Algebra	Prof. Premananda Bera	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Dynamical System and Control	Prof. N. Sukavanam Prof. D. N. Pandey	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Algebraic Combinatorics	Prof. A. Prasad Prof. S. Viswanath	IMSc	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
An introduction to Point-Set-Topology Part-I	Prof. Anant R Shastri	IITB	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
C* algebras and spectral theorem	Prof. E K Narayanan	IISc	8 Weeks	February 20, 2023	April 14, 2023	April 30, 2023
Fourier Analysis and its applications	Prof. G. K Srinivasan	IITB	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Partial Differential Equations (PDE) For Engineers: Solution By Separation Of Variables	Prof. Sirshendu De	IITKGP	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Probability And Statistics	Prof. Somesh Kumar	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Engineering Mathematics II	Prof. Jitendra Kumar	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Applied Multivariate Statistical Modeling	Prof. Jhareswar Maiti	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Integral And Vector Calculus	Prof. Hari Shankar Mahato	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Statistical Inference - IITKGP	Prof. Somesh Kumar	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023

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Constrained And Unconstrained Optimization	Prof. A. Goswami Prof. Debjani Chakraborty	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Advanced Computational Techniques	Prof. Somnath Bhattacharyya	IITKGP	4 Weeks	February 20, 2023	March 17, 2023	April 30, 2023
Applied Linear Algebra in AI and ML	Prof. Swanand Khare	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Advanced Engineering Mathematics	Prof. H S Mahato	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Statistical Inference - IITD	Prof. Niladri Chatterjee	IITD	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Advanced Probability Theory	Prof. Niladri Chatterjee	IITD	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Scientific Computing using Matlab	Prof. Mani Mehra Prof. Vivek K. Aggarwal	IITD	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
An Introduction to Hyperbolic Geometry	Prof. Abhijit Pal	IITK	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Introduction to Queueing Theory	Prof. N.Selvaraju	IITG	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Essentials Of Data Science With R Software - 1: Probability And Statistical Inference	Prof. Shalabh	IITK	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Essentials Of Data Science With R Software - 2: Sampling Theory And Linear Regression Analysis	Prof. Shalabh	IITK	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
First Course on Partial Differential Equations - I	Prof. A. K. Nandakumaran Prof. P. S. Datti	IISc	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Variational Calculus and its applications in Control Theory and Nanomechanics	Prof. Sarthok Sircar	IIIT Delhi	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023

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Transform Techniques for Engineers	Prof. Srinivasa Manam	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Numerical Analysis	Prof. S. Baskar	IITB	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
A Primer to Mathematical Optimization	Prof. Debdas Ghosh	IIT (BHU), Varanasi	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Measure Theoretic Probability 1	Prof. Suprio Bhar	IITK	8 Weeks	February 20, 2023	April 14, 2023	April 30, 2023
Probability –I with Examples Using R	Prof. Siva Athreya	ISI Bangalore	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023

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Subject : Computer Science

Course Name	SME Name	Institute	Duration	Course Start Date	Course End Date	Exam date
Randomized Methods in Complexity	Prof. Nitin Saxena	IITK	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Introduction to programming in C	Prof. Satyadev Nandakumar	IITK	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Foundations of Cryptography	Prof. Ashish Choudhury	IIIT Bangalore	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Quantum Algorithms and Cryptography	Prof. Shweta Agrawal	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
An Introduction to Artificial Intelligence	Prof. Mausam	IITD	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Introduction to Embedded System Design	Prof. Dhananjay V. Gadre Prof. Badri N Subudhi	IITD	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Advanced Computer Architecture	Prof. Smruti R.Sarangi	IITD	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Data Analytics with Python	Prof. A. Ramesh	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Artificial Intelligence: Knowledge Representation And Reasoning	Prof. Deepak Khemani	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Information Security - 5 - Secure Systems Engineering	Prof. Chester Robeiro	IITM	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Machine Learning, ML	Prof. Carl Gustaf Jansson	KTH Royal Institute of Technology	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023

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Model Checking	Prof. Srivathsan.B	CMI	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Privacy and Security in Online Social Media	Prof. Ponnurangam Kumaraguru	IITH	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
AI:Constraint Satisfaction	Prof. Deepak Khemani	IITM	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Programming, Data Structures And Algorithms Using Python	Prof. Madhavan Mukund	CMI	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Design and analysis of algorithms	Prof. Madhavan Mukund	CMI	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Data Science for Engineers	Prof. Rangunathan Rengasamy Prof. Shankar Narasimhan	IITM	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Introduction to Machine Learning	Prof. Balaraman Ravindran	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Social Networks	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
The Joy of Computing using Python	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Python for Data Science	Prof. Rangunathan Rengasamy	IITM	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Discrete Mathematics	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Reinforcement Learning	Prof. Balaraman Ravindran	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Deep Learning - IIT Ropar	Prof. Sudarshan Iyengar	IIT Ropar	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
User-centric Computing for Human-Computer Interaction	Prof. Samit Bhattacharya	IITG	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023

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Advanced Graph Theory	Prof. Rajiv Misra	IIT Patna	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Cloud Computing and Distributed Systems	Prof. Rajiv Misra	IITK	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Introduction to parallel programming with OpenMP and MPI	Prof. Yogish Sabharwal	IITD	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Introduction to Database Systems	Prof. Sreenivasa Kumar	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Getting Started with Competitive Programming	Prof. Neeldhara Misra	IIT Gandhinagar	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Theory of Computation	Prof. Subrahmanyam Kalyanasundaram	IIT Hyderabad	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Systems and Usable Security	Prof. Neminath Hubballi	IIT Indore	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Introduction to Machine Learning (Tamil)	Prof. Arun Rajkumar	IITM	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Secure Computation: Part I	Prof. Ashish Choudhury	IIIT Bangalore	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Advanced Computer Networks	Prof. Neminath Hubballi Prof. Sameer Kulkarni	IIT Indore IIT Gandhi nagar	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Affective Computing	Prof. Jainendra Shukla Prof. Abhinav Dhall	IIITD	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Circuit Complexity Theory	Prof. Raghunath Tewari	IITK	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Software Testing	Prof. Rajib Mall	IITKGP	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023

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Fundamental Algorithms: Design And Analysis	Prof. Sourav Mukhopadhyay	IITKGP	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Introduction To Soft Computing	Prof. Debasis Samanta	IITKGP	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Data Base Management System	Prof. Partha Pratim Das Prof. Samiran Chattopadhyay	IITKGP	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Cloud Computing	Prof. Soumya Kanti Ghosh	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Data Mining	Prof. Pabitra Mitra	IITKGP	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Ethical Hacking	Prof. Indranil Sengupta	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Natural Language Processing	Prof. Pawan Goyal	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Object Oriented System Development Using UML, Java And Patterns	Prof. Rajib Mall	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Blockchain and its Applications	Prof. Sandip Chakraborty Prof. Shamik Sural	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Computer Networks And Internet Protocol	Prof. Soumya Kanti Ghosh Prof. Sandip Chakraborty	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Programming In Java	Prof. Debasis Samanta	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Programming in Modern C++	Prof. Partha Pratim Das	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023

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Introduction To Internet Of Things	Prof. Sudip Misra	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Introduction To Industry 4.0 And Industrial Internet Of Things	Prof. Sudip Misra	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Problem Solving Through Programming In C	Prof. Anupam Basu	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Embedded Systems Design	Prof. Anupam Basu	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Deep Learning	Prof. Prabir Kumar Biswas	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Compiler Design	Prof. Santanu Chattopadhyay	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Introduction to Automata, Languages and Computation	Prof. Sourav Mukhopadhyay	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Hardware Security	Prof. Debdeep Mukhopadhyay	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Discrete Structures	Prof. Dipanwita Roy Chowdhury	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
GPU Architectures And Programming	Prof. Soumyajit Dey	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Foundations of Cyber Physical Systems	Prof. Soumyajit Dey	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Selected Topics in Algorithms	Prof. Palash Dey	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Optimisation for Machine Learning: Theory and Implementation (Hindi)	Prof. Pravesh Biyani	IIITD	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023
Foundation of Cloud IoT Edge ML	Prof. Rajiv Misra	IITP	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023

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Subject : Humanities and Social Sciences

Course Name	SME Name	Institute	Duration	Course Start Date	Course End Date	Exam date
Petroleum Economics and Management	Prof. Anwesha Aditya	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
The Science of Happiness and Wellbeing	Prof. Priyadarshi Patnaik Prof. Manas K Mandal	IITKGP	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023
Great Experiments In Psychology	Prof. Rajlakshmi Guha	IITKGP	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Technology Transfer Through Joint Venture	Prof. Indrajit Dube	IITKGP	4 Weeks	February 20, 2023	March 17, 2023	April 30, 2023
Legal Compliance For Incorporating Startup	Prof. Indrajit Dube	IITKGP	4 Weeks	February 20, 2023	March 17, 2023	April 30, 2023
Soft Skill Development	Prof. Priyadarshi Patnaik Prof. V. N. Giri Prof. D. Suar	IITKGP	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Emotional Intelligence	Prof. Rabindra Kumar Pradhan	IITKGP	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Strategic Performance Management	Prof. Kbl Srivastava	IITKGP	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023
Speaking Effectively	Prof. Anjali Gera Roy	IITKGP	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Advanced Level of Spoken Sanskrit	Prof. Anuradha Choudry	IITKGP	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Introduction On Intellectual Property To Engineers And Technologists	Prof. Tapas Kumar Bandyopadhyay	IITKGP	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023

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Elements of Literature and Creative Communication	Prof. H S Komalesha	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Education for Sustainable Development	Prof. Atasi Mohanty	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Training and Development	Prof. Susmita Mukhopadhyay Prof. S. Srinivasan	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Effective Writing	Prof. Binod Mishra	IITR	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
The Nineteenth - Century English Novel	Prof. A. Divya	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Basics of language Science	Prof. Rajesh Kumar	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
English Literature of the Romantic Period, 1798-1832	Prof. Pramod K Nayar	University of Hyderabad	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Feminism : Concepts and Theories	Prof. Mathangi Krishnamurthy	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Language and Mind	Prof. Rajesh Kumar	IITM	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023
Health Research Fundamentals	Prof. P. Manickam	NIE	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Patent Law for Engineers and Scientists	Prof. Feroz Ali	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
German - I	Prof. Milind Brahme	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
German - II	Prof. Milind Brahme	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
German - III	Prof. Milind Brahme	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Enhancing Soft Skills and Personality	Prof. T. Ravichandran	IITK	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023
Literature, Culture and Media	Prof. Rashmi Gaur	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023

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Development of Sociology in India	Prof. Ashish Saxena	IITK	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Introduction to Modern Indian Drama	Prof. Kiran Keshavamurthy	IITG	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023
Introduction to Political Theory	Prof. Mithilesh Kumar Jha	IITG	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Introduction to Modern Indian Political Thought	Prof. Mithilesh Kumar Jha	IITG	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Economic Growth and Development	Prof. Rajshree Bedamatta	IITG	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Human Behaviour	Prof. Naveen Kashyap	IITG	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023
Introduction to Cognitive Psychology	Prof. Naveen Kashyap	IITG	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Introduction to Psychology	Prof. Braj Bhushan	IITK	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Introduction to Environmental Economics	Prof. D. Nayak Prof. S. P. Singh	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Psychiatry - An Overview and How the Brain Creates Mind	Prof. Alok Bajpai	IITK	8 Weeks	February 20, 2023	April 14, 2023	April 30, 2023
Sociological Perspectives on Modernity	Prof. Sambit Mallick	IITG	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Patent Drafting for Beginners	Prof. Feroz Ali	IITM	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
An Introduction to Microeconomics	Prof. Vimal Kumar	IITK	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Literature and Coping Skills	Prof. Ajit K Mishra	IIT(BHU) Varanasi	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023
Globalization: Theoretical Perspectives	Prof. R. Santhosh	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Towards an Ethical Digital Society: From Theory to Practice	Prof. Bidisha Chaudhuri	IIIT Bangalore	4 Weeks	February 20, 2023	March 17, 2023	April 29, 2023
Introduction to World Literature	Prof. Merin Simi Raj	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023

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Indian Fiction in English	Prof. Merin Simi Raj	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Twentieth Century Fiction	Prof. Avishek Parui	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Introduction to Cultural Studies	Prof. Avishek Parui	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
English Language for Competitive Exams	Prof. Aysha Iqbal	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
American Literature & Culture	Prof. Aysha Iqbal	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Modern Indian Writing in Translation	Prof. Divya	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Intellectual Property	Prof. Feroz Ali	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Indian Feminisms: Concepts and Issues	Prof. Anandita Pan	IISER Bhopal	4 Weeks	February 20, 2023	March 17, 2023	April 30, 2023
United Nations Sustainable Development Goals (UN SDGs)	Prof. Shiva Ji	IITH	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Literature and Life	Prof. S P Dhanavel	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Appreciating Hindustani Music	Prof. L. Sreeram Prof. S. Deshpande	IITM	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023
Introduction to Pāṇinian grammar	Prof. Malhar Kulkarni	IITB	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Narrative Mode and Fiction	Prof. Sarbani Banerjee	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Group Dynamics	Prof. Pooja Garg	IITR	8 Weeks	February 20, 2023	April 14, 2023	April 30, 2023
Indian Poetry in English	Prof. Binod Mishra	IITR	8 Weeks	February 20, 2023	April 14, 2023	April 30, 2023
Contextualizing Gender	Prof. Rashmi Gaur	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023

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समास samāsa in Pāṇinian grammar-I	Prof. Malhar Kulkarni	IITB	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Bilingualism: A cognitive and psycholinguistic perspective	Prof. Bidisha Som	IITG	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023
Exploring Survey Data on Health Care	Prof. Pratap C. Mohanty	IITR	8 Weeks	February 20, 2023	April 14, 2023	April 30, 2023
Learning English in Hindi	Prof. Rajesh Kumar	IITM	8 Weeks	February 20, 2023	April 14, 2023	April 30, 2023
Energy Resources, Economics and Environment	Prof. Rangan Banerjee	IITD	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Language, Culture and Cognition: An Introduction	Prof. Bidisha Som	IITG	8 Weeks	February 20, 2023	April 14, 2023	April 30, 2023
Psychology of Stress, Health and Well-being	Prof. Dilwar Hussain	IITG	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Phonetics and Phonology: A broad overview	Prof. Shakuntala Mahanta	IITG	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Philosophical Foundations of Social Research	Prof. Sambit Mallick	IITG	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Japani Bhasha - Saral Swaroop (Japanese course taught in hindi)	Prof. Vatsala Misra	IITK	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Introduction To Brain & Behaviour	Prof. Ark Verma	IITK	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Indian Economy: Some Contemporary Perspectives	Prof. Wasim Ahmad	IITK	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Micro foundations Of Macroeconomics	Prof. Wasim Ahmad	IITK	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Introduction to Econometrics	Prof. Sabuj Kumar Mandal	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Applied Econometrics	Prof. Sabuj Kumar Mandal	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Yoga and Positive Psychology for Managing Career and Life	Prof. Ashish Pandey	IITB	8 Weeks	February 20, 2023	April 14, 2023	April 30, 2023

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Subject : Commerce & Management

Course Name	SME Name	Institute	Duration	Course Start Date	Course End Date	Exam date
Indian Economy: Some Contemporary Perspectives	Prof. Wasim Ahmad	IITK	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Microfoundations Of Macroeconomics	Prof. Wasim Ahmad	IITK	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Introduction to Econometrics	Prof. Sabuj Kumar Mandal	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Applied Econometrics	Prof. Sabuj Kumar Mandal	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Applied Statistics and Econometrics	Prof. Deep Mukherjee	IITK	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
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 23, 2023	February 17, 2023	March 26, 2023
Data Analysis and Decision Making - I	Prof. Raghu Nandan Sengupta	IITK	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Total Quality Management - I	Prof. Raghu Nandan Sengupta	IITK	8 Weeks	February 20, 2023	April 14, 2023	April 30, 2023
Management of Field Sales	Prof. Jayanta Chatterjee	IITK	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Marketing Management - II	Prof. Jayanta Chatterjee Prof. Shashi Shekhar Mishra	IITK	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023
Introduction to Operations Research	Prof. G. Srinivasan	IITM	8 Weeks	February 20, 2023	April 14, 2023	April 30, 2023

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Introduction to probability and Statistics	Prof. G. Srinivasan	IITM	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Design Thinking - A Primer	Prof. Ashwin Mahalingam Prof. Bala Ramadurai	IITM	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Financial Statement Analysis and Reporting	Prof. Anil K. Sharma	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Financial Management For Managers	Prof. Anil K. Sharma	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Business analytics and data mining Modeling using R	Prof. Gaurav Dixit	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
MCDM Techniques Using R	Prof. Gaurav Dixit	IITR	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Supply Chain Analytics	Prof. Rajat Agrawal	IITR	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023
Production and Operation Management	Prof. Rajat Agrawal	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Simulation of Business Systems: An Applied Approach	Prof. Deepu Philip	IITK	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Systems Engineering: Theory & Practice	Prof. Deepu Philip	IITK	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Introduction to Stochastic Processes	Prof. Manjesh Hanawal	IITB	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Marketing Research and Analysis-II	Prof. J. K. Nayak	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Business Statistics	Prof. Mukesh Kumar Barua	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Global Marketing Management	Prof. Zillur Rahman	IITR	12 Weeks (8 weeks + 4 weeks new)	January 23, 2023	April 14, 2023	April 30, 2023

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Integrated Marketing Management	Prof. R. Srinivasan	IISc	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Infrastructure Economics	Prof. Nalin Bharti	IITP	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Leadership for India Inc: Practical Concepts and Constructs	Prof. C Bhaktavatsala Rao	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Decision making with spreadsheet	Prof. A. Ramesh	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Leadership and Team Effectiveness	Prof. Santosh Rangnekar	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Talent Acquisition and Management	Prof. Santosh Rangnekar	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
International Business	Prof. Jogendra Kumar Nayak	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Organization Theory/Structure and Design	Prof. Zillur Rahman	IITR	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Integrated Marketing Communication	Prof. Vinay Sharma	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Principles of Management	Prof. Usha Lenka	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Financial Derivatives & Risk Management	Prof. J. P. Singh	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Services Marketing: A Practical Approach	Prof. Biplab Datta	IITKGP	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Managing Change In Organizations	Prof. Kbl Srivastava	IITKGP	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Behavioral And Personal Finance	Prof. Abhijeet Chandra	IITKGP	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
International Marketing	Prof. Biswarup Ghosh	IITKGP	8 Weeks	February 20, 2023	April 14, 2023	April 30, 2023
Business Law for Managers	Prof. S Srinivasan Prof. Kaushik Mukherjee	IITKGP	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023

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Ethics In Engineering Practice	Prof. Susmita Mukhopadhyay	IITKGP	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023
Retail Management	Prof. Swagato Chatterjee	IITKGP	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Foundation Course In Managerial Economics	Prof. Barnali Nag	IITKGP	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Sales And Distribution Management	Prof. Sangeeta Sahney	IITKGP	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023
Consumer Behaviour	Prof. Srabanti Mukherjee	IITKGP	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Financial Institutions And Markets	Prof. Jitendra Mahakud	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Management Of Commercial Banking	Prof. Jitendra Mahakud	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Safety and Risk Analytics	Prof. Jhareswar Maiti	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
E-Business	Prof. Mamata Jenamani	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Management Of Inventory Systems	Prof. Pradip Kumar Ray	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Quality Design And Control	Prof. Pradip Kumar Ray	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Six Sigma	Prof. Jitesh J Thakkar	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Modelling And Analytics For Supply Chain Management	Prof. Kunal Kanti Ghosh Prof. Anupam Ghosh	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Business Analytics For Management Decision	Prof. Rudra P Pradhan	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Marketing Analytics	Prof. Swagato Chatterjee	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Engineering Econometrics	Prof. Rudra P Pradhan	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Organizational Design Change and Transformation	Prof. Susmita Mukhopadhyay	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023

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	Prof. Sangeeta Sahney Prof. S. Srinivasan					
Mergers, Acquisitions and Corporate Restructuring	Prof. Chandra Sekhar Mishra	IITKGP	8 Weeks	February 20, 2023	April 14, 2023	April 30, 2023
Quality Control and Improvement with MINITAB	Prof. Indrajit Mukherjee	IITB	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023
Introduction to System Dynamics Modeling	Prof. Jayendran Venkateswaran	IITB	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Business Development: From Start to Scale	Prof. C Bhaktavatsala Rao	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Investment Management	Prof. Abhijeet Chandra	IITKGP	8 weeks	February 20, 2023	April 14, 2023	April 29, 2023
Artificial Intelligence (AI) for Investments	Prof. Abhinava Tripathi	IITK	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Advances in Strategic Human Resource Management (HRM)	Prof. Ashish Pandey	IITB	4 Weeks	February 20, 2023	March 17, 2023	April 29, 2023
Financial accounting	Prof. Puran Singh	IIT Mandi	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Yoga and Positive Psychology for Managing Career and Life	Prof. Ashish Pandey	IITB	8 Weeks	February 20, 2023	April 14, 2023	April 30, 2023

Subject : Food Science & Biotechnology

Course Name	SME Name	Institute	Duration	Course Start Date	Course End Date	Exam date
Maternal Infant Young Child Nutrition	Prof. Rupal Dalal	IITB	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Instrumentation and Process Control in Food Industry	Prof. Ashis Kumar Datta	IITKGP	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Novel Technologies For Food Processing And Shelf Life Extension	Prof. Hari Niwas Mishra	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023

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Soil Science And Technology	Prof. Somsubhra Chakraborty	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Machine Learning For Soil And Crop Management	Prof. Somsubhra Chakraborty	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
मातृ शशु युवा बाल पोषण	Prof. Rupal Dalal	IITB	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
RNA Biology	Prof. Rajesh Ramachandran	IISER Mohali	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Enzyme Sciences and Technology	Prof. Vishal Trivedi	IITG	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Metabolic Engineering	Prof. Pinaki Sar Prof. Amit Ghosh	IITKGP	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Environmental Chemistry And Microbiology	Prof. Anjali Pal Prof. Sudha Goel	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Aspects Of Biochemical Engineering	Prof. Debabrata Das	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Introduction to Professional Scientific Communication	Prof. S. Ganesh	IITK	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Human Molecular Genetics	Prof. S. Ganesh	IITK	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Introductory Mathematical Methods for Biologists	Prof. Ranjit Padinhateeri	IITB	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Bioinformatics: Algorithms and Applications	Prof. Michael Gromiha	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Biostatistics and Design of experiments	Prof. Mukesh Doble	IITM	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Computational Systems Biology	Prof. Karthik Raman	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Demystifying The Brain	Prof. Srinivas Chakravarthy	IITM	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023

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Material and Energy Balances	Prof. Vignesh Muthuvijayan	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Medical Biomaterials	Prof. Mukesh Doble	IITM	8 Weeks	February 20, 2023	April 14, 2023	April 30, 2023
Thermodynamics for Biological Systems : Classical and Statistical Aspect	Prof. Suraishkumar G K, Prof. Sanjib Senapati	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Bioengineering: An Interface with Biology and Medicine	Prof. Sanjeeva Srivastava	IITB	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Interactomics : Basics & Applications	Prof. Sanjeeva Srivastava	IITB	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Biochemistry - IITM	Prof. Subramaniam K	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Bioreactor Design and Analysis	Prof. Smita Srivastava	IITM	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Structural Biology	Prof. Saugata Hazra	IITR	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Plant Developmental Biology	Prof. Shri Ram Yadav	IITR	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Basics of Biology	Prof. Vishal Trivedi	IITG	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Data Analysis for Biologists	Prof. Biplab Bose	IITG	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Biointerface Engineering	Prof. Lalit M. Pandey	IITG	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023
Conservation Economics	Prof. Ankur Awadhiya	IITK	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Forests and their Management	Prof. Ankur Awadhiya	IITK	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023

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Nanotechnology In Agriculture	Prof. Mainak Das	IITK	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Bioelectrochemistry	Prof. Mainak Das	IITK	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Cell Biology: Cellular organization, division and processes	Prof. Shikha Laloraya	IISc	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Host-Pathogen Interaction (Immunology)	Prof. Himanshu Kumar	IISER Bhopal	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023

Subject : Multidisciplinary

Course Name	SME Name	Institute	Duration	Course Start Date	Course End Date	Exam date
IP Management & Technology Transfer	Prof. Gouri Gargate	IITKGP	8 Weeks	February 20, 2023	April 14, 2023	April 30, 2023
NBA Accreditation and Teaching and learning in Engineering (NATE)	Prof. N J Rao Prof. K Rajanikanth	IISc	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Designing Learner-Centric MOOCs	Prof. Sameer Sahasrabudhe Prof. Sahana Murthy Prof. Jayakrishnan M.	IITB	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Effective Engineering Teaching In Practice	Prof. G. K. Suraishkumar Prof. Edamana Prasad Prof. Richa Verma	IITM	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Non-conventional energy Resources	Prof. Prathap Haridoss	IITM	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Introduction to Research	Prof. Edamana Prasad Prof. Prathap Haridoss	IITM	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023
Research Methodology in Natural Sciences	Prof. Soumitro Banerjee	IISER Kolkata	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023

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One Health	Multi Faculty	ICMR - Regional Medical Research Centre, Bhubaneswar	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Foundation Certificate In Palliative Care	Prof. Geeta Joshi Prof. Piyush Gupta	ICMR-National Institute of Epidemiology	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Management of Medical Emergencies in Dental Practice	Multi Faculty	Sree Balaji Dental College & Hospital and Tagore Dental College & Hospital	8 Weeks	February 20, 2023	April 14, 2023	April 29, 2023
Basic Course in Ornithology	Prof. Mousumi Ghosh Prof. Manjari Jain Prof. R Jayapal Prof. Anand Krishnan Prof. Suhel Quader Prof. V.V. Robin Prof. Umesh Srinivasan	NCF IISER Mohali SACON IISER Bhopal NCF IISER Tirupati IISc	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Oral Biology	Prof. Ramya And Team	Saveetha Dental College & IITM	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Rural Water Resources Management	Prof. Pennan Chinnasamy	IITB	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Groundwater hydrology and management	Prof. Pennan Chinnasamy	IITB	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Outcome Based Pedagogic Principles For Effective Teaching	Prof. Shyamal Kumar Das Mandal	IITKGP	4 Weeks	February 20, 2023	March 17, 2023	April 30, 2023
Fuzzy Logic And Neural Networks	Prof. Dilip Kumar Pratihari	IITKGP	8 Weeks	February 20, 2023	April 14, 2023	April 30, 2023
Entrepreneurship Essentials	Prof. Manoj Kumar Mondal	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Introduction To Environmental Engineering And Science - Fundamental And Sustainability Concepts	Prof. Brajesh K Dubey	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023

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Biophotonics	Prof. Basudev Lahiri	IITKGP	12 Weeks	January 23, 2023	April 14, 2023	April 30, 2023
Basics of Mental Health & Clinical Psychiatry	Prof. Arijita Banerjee Prof. Sumit Kumar	IITKGP	8 Weeks	February 20, 2023	April 14, 2023	April 30, 2023
Introduction to Reliability Engineering	Prof. Neeraj Kumar Goyal	IITKGP	8 Weeks	February 20, 2023	April 14, 2023	April 30, 2023
Nanobio Technology Enabled Point-of-Care Devices	Prof. Gorachand Dutta	IITKGP	8 Weeks	February 20, 2023	April 14, 2023	April 30, 2023
Roadmap for patent creation	Prof. Gouri Gargate	IITKGP	8 Weeks	January 23, 2023	March 17, 2023	March 26, 2023
Fundamental of Fluid Mechanics for Chemical and Biomedical Engineers	Prof. Raghvendra Gupta	IITG	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023
Teaching And Learning in Engineering (TALE)	Prof. N J Rao	IISc	4 Weeks	January 23, 2023	February 17, 2023	March 26, 2023
Engineering Statistics	Prof. Manjesh Hanawal	IITB	12 Weeks	January 23, 2023	April 14, 2023	April 29, 2023