

Discipline	Course Name	Coordinators	Institute	Intro Video
Aerospace Engineering	Engineering Thermodynamics	Prof. D.P.Mishra	IIT Kanpur	Intro Video
Aerospace Engineering	Aircraft Dynamic Stability & Design Stability Augmentation System	Prof. A.K.Ghosh	IIT Kanpur	Intro Video
Biosciences and Bio-Engineering	Interactomics: Protein Arrays & Label-free Biosensors	Prof. Sanjeeva Srivastava	IIT Bombay	Intro Video
Biosciences and Bio-Engineering	Introduction to proteomics	Prof. Sanjeeva Srivastava	IIT Bombay	Intro Video
Chemical Engineering	Introduction to Time-Frequency Analysis and Wavelet Transforms	Prof. Arun Tangirala	IIT Madras	Intro Video
Chemical Engineering	Soft Nano Technology	Prof. Rabibrata Mukherjee	IIT Kharagpur	Intro Video
Chemical Engineering	Mechanical Operations	Prof. Shabina Khanam	IITR	Intro Video
Chemical Engineering	Adiabatic Two-Phase Flow and Flow Boiling in Microchannel	Prof. Gargi Das	IITKGP	Intro Video
Chemistry	Pericyclic Reactions and Organic Photochemistry	Prof. Sankararaman	IIT Madras	Intro Video
Chemistry	Principles and Applications of NMR Spectroscopy	Prof. Hanudatta S. Atreya	IISc Bangalore	Intro Video
Chemistry	Organo Metallic Chemistry	Prof. Debabrata Maiti	IIT Bombay	Intro Video
Chemistry	Chemical Applications of Symmetry and Group Theory	Prof. Manabendra Chandra	IIT Kanpur	Intro Video
Civil Engineering	Modern Construction materials	Prof. Ravindra Gettu	IIT Madras	Intro Video
Civil Engineering	Project Planning and Control	Prof. Koshy Varghese	IIT Madras	Intro Video
Civil Engineering	Structural Dynamics	Prof. Ramancharala Pradeep Kumar	IIITH	Intro Video
civil Engineering	Concrete Technology	Prof. B. Bhattacharjee	IIT Delhi	Intro Video

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Civil Engineering	Principles and Applications of Building Science	Dr.E.Rajasekar	IITR	Intro Video
Civil Engineering	Introduction to Geographic Information Systems	Dr.Arun K.Saraf	IITR	Intro Video
Civil Engineering	GPS SURVEYING	Dr.Jayanta Kumar Ghosh	IITR	Intro Video
Computer Science	Algorithms for Big Data	Prof. John Augustine	IIT Madras	Intro Video
Computer Science	Artificial Intelligence: Search Methods for Problem Solving	Prof.Deepak Khemani	IIT Madras	Intro Video
Computer Science	Reinforcement Learning	Prof. Ravindran	IIT Madras	Intro Video
Computer Science	Introduction to Operating Systems	Prof. Chester Rebeiro	IIT Madras	Intro Video
Computer Science	Programming, Data Structures and Algorithms in Python	Prof. Madhavan Mukund	Chennai Mathematical Institute	Intro Video
Computer Science	Privacy and Security in Online Social Networks	Prof. Ponnurangam Kumaraguru	IIITD	Intro Video
Computer Science	Mobile Computing	Prof. Pushpendra Singh	IIITD	Intro Video
Computer Science	Theory of Computation	Prof. Raghunath Tewari	IIT Kanpur	Intro Video
Computer Science	Modern Algebra	Prof. Manindra Agrawal	IIT Kanpur	Intro Video
Computer Science	Software Testing	Prof. Rajib Mall	IIT Kharagpur	Intro Video
Computer Science	Programming in C++	Prof. Partha Pratim Das	IIT Kharagpur	Intro Video
Computer Science	Introduction to Machine Learning	Prof. Sudeshna Sarkar	IIT Kharagpur	Intro Video
Computer Science	Object-Oriented Analysis and Design	Prof. Partha Pratim Das	IIT Kharagpur	Intro Video
Computer Science	Complex Network : Theory and Application	Prof. Animesh Mukherjee	IIT Kharagpur	Intro Video
Computer Science	Introduction to Cryptology	Prof. Sugata Gangopdhyaya	IIT Roorkee	Intro Video

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Computer Science	Design and analysis of algorithms	Prof. Madhavan Mukund	Chennai Mathematical Institute	Intro Video
Computer Science and Engineering	Introduction to Modern Application Development	Gaurav Raina & Tanmai Gopal	IITM	Intro Video
Computer Science and Engineering	Fundamental Algorithms: Design and Analysis	Prof. Sourav Mukhopadhyay	IITKGP	Intro Video
Design	Understanding Design Thinking & People Centred Design	Prof. Jhumkee Iyenger	IIT Kanpur	Intro Video
Design	Digital Human Modeling and Simulation for Virtual Ergonomics Evaluation	Prof. Sougata Karmakar	IIT Guwahati	Intro Video
Earth Science	Earth Sciences for Civil Engineering	Prof. Javed Mallik	IIT Kanpur	Intro Video
Electrical Engineering	VLSI Design Verification and test	Prof. Santhosh biswas, Prof. jatindra kumar deka, Prof.Arnab sarkar	IIT Guwahati	Intro Video
Electrical Engineering	Bayesian/ MMSE Estimation for Wireless Communications - MIMO/ OFDM	Prof. Aditya Jagannatham	IIT Kanpur	Intro Video
Electrical Engineering	Optical communications	Prof. Pradeep Kumar K	IIT Kanpur	Intro Video
Electrical Engineering	Digital Switching - I	Prof. Y.N.Singh	IIT Kanpur	Intro Video
Electrical Engineering	An Introduction to Information Theory	Prof. Adrish Banerjee	IIT Kanpur	Intro Video
Electrical Engineering	Principles of Modern CDMA/ MIMO/ OFDM Wireless Communications	Prof. Aditya Jagannatham	IIT Kanpur	Intro Video
Electrical Engineering	Basic Electrical Circuits	Prof. Aniruddhan	IIT Madras	Intro Video
Electrical Engineering	Computational Electromagnetics & Applications	Prof. Krish Sankaran	IIT Bombay	Intro Video
Electrical Engineering	Basic Building Blocks of Microwave Engineering	Prof. Amitabha Bhattacharya	IIT Kharagpur	Intro Video

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Electrical Engineering	Satellite Communication Systems	Prof. Kalyankumar Bandyopadhyay	IIT Kharagpur	Intro Video
Electrical Engineering	Fundamentals of MIMO Wireless Communication	Prof. Suvra Sekhar Das	IIT Kharagpur	Intro Video
Electrical Engineering	Audio System Engineering	Prof. Shyamal Kumar Das Mandal	IIT Kharagpur	Intro Video
Electrical Engineering	Discrete Time Signal Processing	Prof. Arijit De	IIT Kharagpur	Intro Video
Electrical Engineering	Digital Image Processing	Prof. Prabir Kumar Biswas	IIT Kharagpur	Intro Video
Humanities and Social Science	How the Brain Creates Mind	Prof. Alok Bajpai	IIT Kanpur	Intro Video
Humanities and Social Science	Introduction to Indian Art - An appreciation	Prof. Soumik Nandi Majumdar	IIT Kanpur	Intro Video
Humanities and Social Science	Basic Concepts of Modal Logic	Prof. AVR Sarma	IIT Kanpur	Intro Video
Humanities and Social Science	Probability and Stochastics for Finance II	Prof. Joydeep Dutta	IIT Kanpur	Intro Video
Humanities and Social Science	Introduction to Psychology	Prof. Braj Bhushan	IIT Kanpur	Intro Video
Humanities and Social Science	Folk and Minor Art in India	Prof. Shatarupa Thakurta Roy	IIT Kanpur	Intro Video
Humanities and Social Science	Developing Soft Skills and Personality	Prof. T Ravichandran	IIT Kanpur	Intro Video
Humanities and Social Science	Soft Skill Development	Prof. Priyadarshi Patnaik, Prof. V.N. Giri & Prof. D. Suar	IIT Kharagpur	Intro Video
Humanities and Social Science	Symbolic Logic	Prof. Chhanda Chakraborti	IIT Kharagpur	Intro Video
Humanities and Social Science	Introduction on Intellectual Property to Engineers and Technologists	Prof. Tapas Kumar Bandyopadhyay	IIT Kharagpur	Intro Video
Humanities and Social Science	Globalization and Culture	Prof. Anjali Gera Roy	IIT Kharagpur	Intro Video
Humanities and Social Science	American Literature & Culture	Prof. Aysha Iqbal Viswamohan	IIT Madras	Intro Video
Humanities and Social Science	Economics of IPR	Prof. Nalin Bharti	IIT Patna	Intro Video

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Humanities and Social Science	Time value of money- Concepts and Calculations	Dr.Bikash Mohanty	IITR	Intro Video
Humanities and Social Science	Indian Philosophy	Satya Sundar Sethy	IITM	Intro Video
Humanities and Social Sciences	Applied Linguistics	Prof. Rajesh Kumar	IIT Madras	Intro Video
Management	Marketing Management - II	Prof. Jayanta Chatterjee & Prof. Shashi Shekhar Mishra	IIT Kanpur	Intro Video
Management	Commodity Derivatives and Risk Management	Prof. Prabina Rajib	IIT Kharagpur	Intro Video
Management	Introduction to data analytics	Prof. Nandan Sudarsanam, Prof. Balaraman Ravindran	IIT Madras	Intro Video
Management	Strategic Communication for Sustainable Development	Prof. Aradhna Malik	IITKGP	Intro Video
Mathematics	Curves and Surfaces	Prof. Sudipta Dutta	IIT Kanpur	Intro Video
Mathematics	Stochastic Processes - I	Prof. S. Dharamraja	IIT Delhi	Intro Video
Mechanical Engineering	Variational Methods in Mechanics	Prof. Ananthasuresh	IISc Bangalore	Intro Video
Mechanical Engineering	Basics of Finite Element Analysis - II	Prof. Nachiketa Tiwari	IIT Kanpur	Intro Video
Mechanical Engineering	Basics of Finite Element Analysis - I	Prof. Nachiketa Tiwari	IIT Kanpur	Intro Video
Mechanical Engineering	Two phase flow and heat transfer	Prof. Arup Kumar Das	IIT Roorkee	Intro Video
Mechanical Engineering	Refrigeration and air-conditioning	Prof. Ravi Kumar	IIT Roorkee	Intro Video
Mechanical Engineering	Engineering Economic Analysis	Prof. Pradeep K. Jha	IIT Roorkee	Intro Video
Mechanical Engineering	Fluid Dynamics and Turbomachines	Prof. Dhiman Chatterjee & Prof. Shamit Bakshi	IIT Madras	Intro Video
Mechanical Engineering	Advanced Machining Processes	Prof. Manas Das	IIT Guwahati	Not Available
Mechanical Engineering	Nature and Property of Materials	Prof. Bishakh Bhattacharya	IIT Kanpur	Intro Video
Mechanical Engineering	Manufacturing Process Technology - II	Prof. Shantanu Bhattacharya	IIT Kanpur	Not Available

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Mechanical Engineering	Manufacturing System Technology Part 1 & 2	Prof. Shantanu Bhattacharya	IIT Kanpur	Intro Video
Mechanical Engineering	Fluid Machines	Prof. Sankar Kumar Som	IIT Kharagpur	Intro Video
Mechanical Engineering	Computer numerical control (CNC) of machine tools and processes	Prof. Asimava Roy Choudhury	IITKGP	Intro Video
Metallurgical Engineering and Materials	Fundamentals of X-ray diffraction and Transmission electron microscopy	Prof. Sankaran	IIT Madras	Intro Video
Metallurgical Engineering and Materials	Theory and Practice of Non Destructive Testing	Prof. Ranjit Bauri	IIT Madras	Intro Video
Metallurgical Engineering and Materials	Physics of Materials	Prof. Prathap Haridoss	IIT Madras	Intro Video
Metallurgical Engineering and Materials	Biomaterials for bone tissue engineering applications	Prof. Bikramjit Basu	IISc Bangalore	Intro Video
Metallurgical Engineering and Materials	Phase field modelling: the materials science, mathematics and computational aspects	Prof. M.P Gururajan	IIT Bombay	Intro Video
Metallurgical Engineering and Materials	Introduction to crystal elasticity and crystal plasticity	Prof. Swarup bag	IIT Guwahati	Not Available
Metallurgical Engineering and Materials	Fundamentals of Material Processing - I	Prof. Shashank Shekhar	IIT Kanpur	Intro Video
Metallurgical Engineering and Materials	Heat Treatment and Surface Hardening - I	Prof. Kallol Mondal & Prof. Sandeep Sangal	IIT Kanpur	Intro Video
Multidisciplinary	Biology for engineers and other non-biologists	Prof. G. K. Suraishkumar & Prof. Madhulika Dixit	IIT Madras	Intro Video
Multidisciplinary	Introduction to reasearch	Prof. Prathap Haridoss	IIT Madras	Intro Video
Multidisciplinary	Health Research Fundamentals	Prof. Sanjay Mehendale, Prof. Manoj V Murhekar, Prof. R Ramakrishnan, Prof. Tarun Bhatnagar, Prof. Prabhdeep Kaur, Prof. P. Manickam, Prof. P GaneshKumar	NIE (ICMR)	Intro Video

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Multidisciplinary	Stress Management	Prof. Rajlakshmi Guha	IITKGP	Intro Video
Physics	Quantum Information and Computing	Prof. Dipan Ghosh	IIT Bombay	Intro Video
Physics	Engineering Mechanics	Prof. Manoj Harbola	IIT Kanpur	Not Available
Physics	Introduction to Electromagnetic Theory	Prof. Manoj Harbola	IIT Kanpur	Intro Video