

NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTES OF TECHNOLOGY & INDIAN INSTITUTE OF SCIENCE



NPTEL



List of April exam Courses

| S. No. | Course Name | SME | SME Department | Institute | Timeframe | Duration | HR | Status | Course_Id |
|--------|--|---|---|--|---------------|----------|------|------------|------------|
| 1 | Introduction To Ancient Indian Technology | Prof. D.P.Mishra | Department of Aerospace Engineering | Indian Institute of Technology Kanpur | Feb-Apr 2017 | 8 weeks | 20hr | New | noc17_ae01 |
| 2 | Landscape Architecture And Site Planning - Basic Fundamentals | Prof. Uttam Kumar Bannerjee | Department of Architecture | Indian Institute of Technology Kharagpur | Feb-Apr 2017 | 8 weeks | 20hr | New | noc17_ce01 |
| 3 | Bioenergy | Prof. Mainak Das | Department of Biological Sciences | Indian Institute of Technology Kanpur | Feb-Apr 2017 | 8 weeks | 20hr | New | noc17_bt03 |
| 4 | Downstream Processing | Prof. Mukesh Doble | Department of Biotechnology | Indian Institute of Technology Madras | Jan-Apr 2017 | 12 weeks | 30hr | Repurposed | noc17_bt04 |
| 5 | Introduction to Proteomics | Prof. Prof.Sanjeeva Srivastava | Department of Biotechnology | Indian Institute of Technology Bombay | Feb-Apr 2017 | 8 weeks | 20hr | Rerun | noc17_bt11 |
| 6 | Interactomics | Prof. Prof.Sanjeeva Srivastava | Department of Biotechnology | Indian Institute of Technology Bombay | Feb-Apr 2017 | 8 weeks | 20hr | Rerun | noc17_bt12 |
| 7 | Computational Fluid Dynamics | Prof. Srinivas Jayanti | Department of Chemical Engineering | Indian Institute of Technology Madras | Jan-Apr 2017 | 12 weeks | 30hr | Rerun | noc17_ch01 |
| 8 | Transport Processes I: Heat And Mass Transfer | Prof. V. Kumaran | Department of Chemical Engineering | Indian Institute of Science | Jan-Apr 2017 | 12 weeks | 30hr | New | noc17_ch02 |
| 9 | Applied Time-Series Analysis | Prof. Arun K Tangirala | Department of Chemical Engineering | Indian Institute of Technology Madras | Jan-Apr 2017 | 12 weeks | 30hr | New | noc17_ch03 |
| 10 | Mathematics For Chemistry | Prof. Madhav Ranganathan | Department of Chemistry | Indian Institute of Technology Kanpur | Feb-Apr 2017 | 8 weeks | 20hr | New | noc17_cy02 |
| 11 | Quantum Computing | Prof. Debabrata Goswami | Department of Chemistry | Indian Institute of Technology Kanpur | Jan-Apr 2017 | 12 weeks | 30hr | New | noc17_cy04 |
| 12 | Geosynthetics And Reinforced Soil Structures | Prof. K.Rajagopal | Department of Civil Engineering | Indian Institute of Technology Madras | Jan-Apr 2017 | 12 weeks | 30hr | Rerun | noc17_ce08 |
| 13 | Hydration, Porosity And Strength Of Cementitious Materials | Prof. Sudhir Misra & Prof. K.V. Harish | Department of Civil Engineering | Indian Institute of Technology Kanpur | Feb-Apr 2017 | 8 weeks | 20hr | New | noc17_ce14 |
| 14 | Digital Land Surveying and Mapping(DLS&M) | Prof. Jayanta Kumar Ghosh | Department of Civil Engineering | Indian Institute of Technology Roorkee | Feb-Apr 2017 | 8 weeks | 20hr | New | noc17_ce09 |
| 15 | Programming In C++ | Prof. Partha Pratim Das | Department of Computer Science and Engineering | Indian Institute of Technology Kharagpur | Feb-Apr 2017 | 8 weeks | 20hr | Rerun | noc17_cs01 |
| 16 | Internetwork Security | Prof. Sourav Mukhopadhyay | Department of Computer Science and Engineering | Indian Institute of Technology Kharagpur | Jan-Apr 2017 | 12 weeks | 30hr | New | noc17_cs02 |
| 17 | Natural Language Processing | Prof. Pawan Goyal | Department of Computer Science and Engineering | Indian Institute of Technology Kharagpur | Jan-Apr 2017 | 12 weeks | 30hr | New | noc17_cs03 |
| 18 | AI:Knowledge Representation And Reasoning | Prof. Deepak Khemani | Department of Computer Science and Engineering | Indian Institute of Technology Madras | Jan-Apr 2017 | 12 weeks | 30hr | Rerun | noc17_cs04 |
| 19 | Embedded Systems Design | Prof. Anupam Basu | Department of Computer Science and Engineering | Indian Institute of Technology Kharagpur | Jan-Apr 2017 | 12 weeks | 30hr | New | noc17_cs05 |
| 20 | Vlsi Physical Design | Prof. Indranil Sengupta | Department of Computer Science and Engineering | Indian Institute of Technology Kharagpur | Jan-Apr 2017 | 12 weeks | 30hr | New | noc17_cs15 |
| 21 | Computer Architecture | Prof. Smruti R.Sarangi | Department of Computer Science and Engineering | Indian Institute of Technology Delhi | Jan-Apr 2017 | 12 weeks | 30hr | New | noc17_cs16 |
| 22 | Introduction to Machine Learning | Prof. Balaraman Ravindran | Department of Computer Science and Engineering | Indian Institute of Technology Madras | Jan-Apr 2017 | 12 weeks | 30hr | Rerun | noc17_cs17 |
| 23 | Medical Image Analysis | Prof. Debdoot Sheet | Department of Electrical Engineering | Indian Institute of Technology Kharagpur | Feb-Mar 2017 | 4 weeks | 10hr | New | noc17_ee01 |
| 24 | Basic Electronics | Prof. Mahesh B. Patil | Department of Electrical Engineering | Indian Institute of Technology Bombay | Jan-Apr 2017 | 12 weeks | 30hr | New | noc17_ee02 |
| 25 | Antennas | Prof. Girish Kumar | Department of Electrical Engineering | Indian Institute of Technology Bombay | Jan-Apr 2017 | 12 weeks | 30hr | New | noc17_ee03 |
| 26 | Fundamentals Of Wavelets, Filter Banks And Time Frequency Analysis | Prof. V.M.Gadre | Department of Electrical Engineering | Indian Institute of Technology Bombay | Feb-Apr 2017 | 8 weeks | 20hr | Repurposed | noc17_ee09 |
| 27 | Spread Spectrum Communications And Jamming | Prof. Debarati Sen | Department of Electronics & Communication Engineering | Indian Institute of Technology Kharagpur | Jan-Apr 2017 | 12 weeks | 30hr | New | noc17_ec01 |
| 28 | Digital Vlsi Testing | Prof. Santanu Chattopadhyay | Department of Electronics & Communication Engineering | Indian Institute of Technology Kharagpur | Jan-Apr 2017 | 12 weeks | 30hr | New | noc17_ec02 |
| 29 | Design Principles Of Rf And Microwave Filters And Amplifiers | Prof. Amitava Bhattacharya | Department of Electronics & Communication Engineering | Indian Institute of Technology Kharagpur | Feb- Mar 2017 | 4 weeks | 10hr | New | noc17_ec03 |
| 30 | Introduction to Remote Sensing | Prof. Arun K. Saraf | Department of General | Indian Institute of Technology Roorkee | Feb-Mar 2017 | 4 weeks | 10hr | New | noc17_ce15 |
| 31 | Speaking Effectively | Prof. Anjali Gera Roy | Department of Humanities and Social Science | Indian Institute of Technology Kharagpur | Feb-Apr 2017 | 8 weeks | 20hr | New | noc17_hs15 |
| 32 | Great Experiments In Psychology | Prof. Rajlakshmi Guha | Department of Humanities and Social Science | Indian Institute of Technology Kharagpur | Feb-Mar 2017 | 4 weeks | 10hr | New | noc17_hs16 |
| 33 | Indian Philosophy | Prof. Satya Sundar Sethy | Department of Humanities and Social Sciences | Indian Institute of Technology Madras | Jan-Apr 2017 | 12 weeks | 30hr | Repurposed | noc17_hs01 |
| 34 | English Language For Competitive Exams | Prof. Aysha Iqbal | Department of Humanities and Social Sciences | Indian Institute of Technology Madras | Jan-Apr 2017 | 12 weeks | 30hr | New | noc17_hs03 |
| 35 | Ethics | Prof. Sreekumar Nellickapilly | Department of Humanities and Social Sciences | Indian Institute of Technology Madras | Feb-Mar 2017 | 4 weeks | 10hr | New | noc17_hs05 |
| 36 | Qualitative Research Methods | Prof. Aradhna Malik | Department of Humanities and Social Sciences | Indian Institute of Technology Kharagpur | Feb-Apr 2017 | 8 weeks | 20hr | New | noc17_hs07 |
| 37 | Enhancing Soft Skills And Personality | Prof. T. Ravichandran | Department of Humanities and Social Sciences | Indian Institute of Technology Kanpur | Feb-Apr 2017 | 8 weeks | 20hr | New | noc17_hs11 |
| 38 | Systems Engineering: Theory & Practice | Prof. Dr. Deepu Philip | Department of Industrial Management & Engineering | Indian Institute of Technology Kanpur | Feb-Apr 2017 | 8 weeks | 20hr | New | noc17_mg02 |
| 39 | Business Ethics | Prof. Susmita Mukhopadhyay | Department of Management | Indian Institute of Technology Kharagpur | Jan-Apr 2017 | 12 weeks | 30hr | New | noc17_mg03 |
| 40 | Financial Statement Analysis And Reporting | Prof. Anil K. Sharma | Department of Management | Indian Institute of Technology Roorkee | Jan-Apr 2017 | 12 weeks | 30hr | New | noc17_mg04 |
| 41 | Six Sigma | Prof. Jitesh J Thakkar & Prof. Tapan Bagchi | Department of Management | Indian Institute of Technology Kharagpur | Jan-Apr 2017 | 12 weeks | 30hr | Repurposed | noc17_mg08 |
| 42 | Principles Of Human Resource Management | Prof. Aradhana Malik | Department of Management | Indian Institute of Technology Kharagpur | Feb-Apr 2017 | 8 weeks | 20hr | Rerun | noc17_mg13 |
| 43 | Supply Chain Analytics | Prof. Rajat Agrawal | Department of Management | Indian Institute of Technology Roorkee | Feb-Apr 2017 | 8 weeks | 20hr | New | noc17_mg12 |
| 44 | Introductory Course In Real Analysis | Prof. P. D Srivastava | Department of Mathematics | Indian Institute of Technology Kharagpur | Jan-Apr 2017 | 12 weeks | 30hr | Repurposed | noc17_ma03 |
| 45 | Linear Algebra | Prof. Dilip P. Patil | Department of Mathematics | Indian Institute of Science | Jan-Apr 2017 | 12 weeks | 30hr | New | noc17_ma04 |
| 46 | Introduction To Commutative Algebra | Prof. A.V.Jayanthan | Department of Mathematics | Indian Institute of Technology Madras | Jan-Apr 2017 | 12 weeks | 30hr | New | noc17_ma05 |
| 47 | Mathematical Methods And Its Applications | Prof. P.N. Agarwal | Department of Mathematics | Indian Institute of Technology Roorkee | Jan-Apr 2017 | 12 weeks | 30hr | New | noc17_ma06 |
| 48 | Probability And Statistics | Prof. Somesh Kumar | Department of Mathematics | Indian Institute of Technology Kharagpur | Jan-Apr 2017 | 12 weeks | 30hr | Rerun | noc17_ma02 |
| 49 | Stochastic Processes | Prof. S. Dharmaraja | Department of Mathematics | Indian Institute of Technology Delhi | Jan-Apr 2017 | 12 weeks | 30hr | Repurposed | noc17_ma09 |
| 50 | Compliant Mechanisms: Principles And Design | Prof. G. K. Ananthasuresh | Department of Mechanical Engineering | Indian Institute of Science | Jan-Apr 2017 | 12 weeks | 30hr | New | noc17_me02 |
| 51 | Manufacturing Process Technology I & II | Prof. Shantanu Bhattacharya | Department of Mechanical Engineering | Indian Institute of Technology Kanpur | Jan-Apr 2017 | 12 weeks | 30hr | Rerun | noc17_me03 |
| 52 | Principles Of Vibration Control | Prof. Bishakh Bhattacharya | Department of Mechanical Engineering | Indian Institute of Technology Kanpur | Feb- Mar 2017 | 4 weeks | 10hr | New | noc17_me06 |
| 53 | Fundamentals Of Acoustics | Prof. Nachiketa Tiwari | Department of Mechanical Engineering | Indian Institute of Technology Kanpur | Jan-Apr 2017 | 12 weeks | 30hr | New | noc17_me13 |
| 54 | Introduction To Fluid Mechanics | Prof. Suman Chakraborty | Department of Mechanical Engineering | Indian Institute of Technology Kharagpur | Jan-Apr 2017 | 12 weeks | 30hr | Repurposed | noc17_me04 |
| 55 | Convective Heat Transfer | Prof. Arup Kumar Das | Department of Mechanical Engineering | Indian Institute of Technology Roorkee | Feb-Mar 2017 | 4 weeks | 10hr | New | noc17_me05 |
| 56 | Product design and development | Prof. Indradeep singh | Department of Mechanical Engineering | Indian Institute of Technology Roorkee | Feb-Mar 2017 | 4 weeks | 10hr | New | noc17_me16 |

