

**Courses for NPTEL Online Certification April 28 & 29th Exam - FORENOON shift**

Course Name	Discipline	Course Name
noc18-ae02	Aerospace Engineering	Introduction To Airplane Performance
noc18-ae03	Aerospace Engineering	Aircraft Maintenance
noc18-ar02	Architecture	Visual Communication Design for Digital Media
noc18-ar04	Architecture	Architectural Conservation And Historic Preservation
noc18-bt01	Biotechnology And Biosciences	Bio-Informatics:Algorithms and Applications
noc18-bt03	Biotechnology And Biosciences	Demystifying The Brain
noc18-bt06	Biotechnology And Biosciences	Bioreactors
noc18-bt07	Biotechnology And Biosciences	Introduction to Dynamical Models in Biology
noc18-bt10	Biotechnology And Biosciences	Interactomics
noc18-bt12	Biotechnology And Biosciences	Bioelectrochemistry
noc18-bt13	Biotechnology And Biosciences	Bioenergetics Of Life Processes
noc18-ch01	Chemical Engineering	Thermodynamics Of Fluid Phase Equilibria
noc18-ch02	Chemical Engineering	Chemical Applications Of Symmetry And Group Theory
noc18-ch05	Chemical Engineering	Mechanical Operations
noc18-ch08	Chemical Engineering	Heat Transfer
noc18-ch09	Chemical Engineering	Chemical Process Instrumentation
noc18-ch10	Chemical Engineering	Fluidization Engineering
noc18-ch11	Chemical Engineering	An Introduction to Cardiovascular Fluid Mechanics
noc18-ch16	Chemical Engineering	Soft Nano Technology
noc18-ch17	Chemical Engineering	Applied Time-Series Analysis
noc18-ch18	Chemical Engineering	Measurement Technique in Multiphase Flows
noc18-ch19	Chemical Engineering	Multiphase Flows
noc18-cy03	Chemistry	A Study Guide In Organic Retrosynthesis: Problem Solving Approach
noc18-cy04	Chemistry	Introduction to Chemical Thermodynamics and Kinetics
noc18-cy06	Chemistry	Biochemistry
noc18-cy08	Chemistry	Metal Mediated Synthesis
noc18-ce02	Civil Engineering	Hydration, Porosity & Strength of Cementitious Materials
noc18-ce03	Civil Engineering	Digital Land Surveying And Mapping(DLS&M)
noc18-ce07	Civil Engineering	Electronic Waste Management - Issues And Challenges
noc18-ce08	Civil Engineering	Sustainable Engineering Concepts And Life Cycle Analysis
noc18-ce10	Civil Engineering	Introduction to Geographic Information Systems
noc18-ce12	Civil Engineering	Earth Sciences For Civil Engineering Part - I & II
noc18-cs08	Computer Science & Engineering	Introduction to Internet of Things
noc18-cs01	Computer Science & Engineering	Computer Organization and Architecture A Pedagogical Aspect
noc18-cs02	Computer Science & Engineering	Social network
noc18-cs03	Computer Science & Engineering	Introduction to Modern Application Development
noc18-cs04	Computer Science & Engineering	Advanced Graph Theory
noc18-cs05	Computer Science & Engineering	Embedded Systems Design
noc18-cs06	Computer Science & Engineering	Vlsi Physical Design
noc18-cs09	Computer Science & Engineering	Wireless Adhoc And Sensor Networks
noc18-cs10	Computer Science & Engineering	Problem solving through Programming In C
noc18-cs13	Computer Science & Engineering	Introduction To Soft Computing
noc18-cs15	Computer Science & Engineering	Data Base Management System
noc18-cs18	Computer Science & Engineering	Artificial Intelligence: Knowledge Representation And Reasoning
noc18-cs20	Computer Science & Engineering	Design And Analysis Of Algorithms
noc18-cs22	Computer Science & Engineering	Introduction To Haskell Programming
noc18-cs24	Computer Science & Engineering	Information security - IV
noc18-cs26	Computer Science & Engineering	Introduction to Machine Learning
noc18-cs27	Computer Science & Engineering	Reinforcement Learning
noc18-cs28	Computer Science & Engineering	Data Science for Engineers
noc18-ee01	Electrical Engineering	Probability Foundations for Electrical engineers
noc18-ee04	Electrical Engineering	Electromagnetic Theory
noc18-ee06	Electrical Engineering	An Introduction To Coding Theory
noc18-ee09	Electrical Engineering	Power System Engineering
noc18-ee10	Electrical Engineering	Basic Electronics
noc18-ee11	Electrical Engineering	Analog Circuits
noc18-ee12	Electrical Engineering	Industrial Automation And Control
noc18-ee13	Electrical Engineering	Antennas
noc18-ec01	Electrical Engineering	Basics of software defined Radios
noc18-ec02	Electrical Engineering	Biomedical Signal Processing
noc18-ec05	Electrical Engineering	Analog Ic Design
noc18-ec06	Computer Science & Engineering	Optimization Techniques for Digital VLSI Design
noc18-ec07	Electrical Engineering	Mathematical Methods and Techniques in Signal Processing
noc18-hs01	Humanities And Social Sciences	Micro Economics

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noc18-hs02	Humanities And Social Sciences	Introduction to Advanced Cognitive Processes
noc18-hs04	Humanities And Social Sciences	How The Brain Creates Mind
noc18-hs05	Humanities And Social Sciences	Postcolonial Literature
noc18-hs08	Humanities And Social Sciences	Folk And Minor Art In India
noc18-hs11	Humanities And Social Sciences	Great Experiments In Psychology
noc18-hs12	Humanities And Social Sciences	Speaking Effectively
noc18-hs15	Humanities And Social Sciences	Sociological Perspectives on Modernity
noc18-hs21	Humanities And Social Sciences	Language And Mind
noc18-hs23	Humanities And Social Sciences	Brief Introduction To Psychology
noc18-hs25	Humanities And Social Sciences	Better Spoken English
noc18-mg07	Management	Managing Services
noc18-mg08	Management	Project Management
noc18-mg09	Management	Business Analytics For Management Decision
noc18-mg10	Management	Soft Skills For Business Negotiations And Marketing Strategies
noc18-mg12	Management	Financial Statement Analysis and Reporting
noc18-mg13	Management	Research Writing
noc18-mg17	Management	Consumer Behavior
noc18-mg20	Management	Supply Chain Analytics
noc18-ma01	Mathematics	Numerical Linear Algebra
noc18-ma03	Mathematics	Numerical Methods: Finite difference approach
noc18-me04	Mechanical Engineering	Product Design and Manufacturing
noc18-me05	Mechanical Engineering	Manufacturing Process Technology I & II
noc18-me06	Mechanical Engineering	Computer Numeric Control Of Machine Tools And Processes
noc18-me08	Mechanical Engineering	Basics Of Finite Element Analysis - I
noc18-me11	Mechanical Engineering	Introduction To Mechanical Micro Machining
noc18-me18	Mechanical Engineering	Mechanism And Robot Kinematics
noc18-me20	Mechanical Engineering	Advances in welding and joining technologies
noc18-me21	Mechanical Engineering	Spray Theory
noc18-me23	Mechanical Engineering	Engineering Mechanics:Statics And Dynamics
noc18-me24	Mechanical Engineering	Fluid Machines
noc18-me26	Mechanical Engineering	Operational Management
noc18-me29	Mechanical Engineering	Failure analysis and Prevention
noc18-me31	Mechanical Engineering	<b>Product Design and Development</b>
noc18-me34	Mechanical Engineering	Steam and Gas Power Systems
noc18-me37	Mechanical Engineering	Introduction to Mechanical Vibration
noc18-mm02	Metallurgical And Materials Engg	Material Characterization
noc18-mm04	Metallurgical And Materials Engg	Theory And Practice Of Non Destructive Testing
noc18-mm05	Metallurgical And Materials Engg	Material Science and Engineering
noc18-mm07	Metallurgical And Materials Engg	Heat Treatment and Surface Hardening-I
noc18-mm08	Metallurgical And Materials Engg	Principles Of Polymer Synthesis
noc18-ge02	Multidisciplinary	<b>Effective Engineering Teaching In Practice</b>
noc18-ge04	Multidisciplinary	Introduction To Research
noc18-ge07	NMR Research(Multidisciplinary)	Principles and Applications of NMR Spectroscopy
noc18-oe01	Ocean Engineering	Computer Methods Of Structural Analysis Of Offshore Structures
noc18-oe02	Civil Engineering	Water Economics And Governance
noc18-ph01	Physics	Atomic And Molecular Physics
noc18-ph02	Physics	Nuclear and Particle Physics