NPTEL Video Course - Architecture - NOC: Landscape Architecture and Site Planning - Basic Fundamentals

Subject Co-ordinator - Prof. Uttam Kumar Bannerjee

Co-ordinating Institute - IIT - Kharagpur

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

Lecture 1 - Overview
Lecture 2 - Introduction to Landscape
Lecture 3 - Categories and Materials in Landscape
Lecture 4 - Objective and Professional Scope of Landscape Design
Lecture 5 - Objective and Professional Scope of Landscape Design (Continued...)
Lecture 6 - Introduction to History of Landscape Design
Lecture 7 - Introduction to History of Landscape Design (Continued...)
Lecture 8 - Introduction to History of Landscape Design (Continued...)
Lecture 9 - Introduction to History of Landscape Design (Continued...)
Lecture 10 - Introduction to History of Landscape Design (Continued...)
Lecture 11 - Introduction to History of Landscape Design (Continued...)
Lecture 12 - Introduction to History of Landscape Design (Continued...)
Lecture 13
Lecture 14
Lecture 15
Lecture 16 - Behavioral Principle
Lecture 17 - Behavioral Principle (Continued...)
Lecture 18 - Behavioral Principle (Continued...)
Lecture 19 - Behavioral Principle (Continued...)
Lecture 20 - Behavioral Principle (Continued...)
Lecture 21
Lecture 22
Lecture 23
Lecture 24
Lecture 25
Lecture 26
Lecture 27
Lecture 28
Lecture 29

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Lecture 30
Lecture 31 - Landform Design
Lecture 32 - Landform Design (Continued...)
Lecture 33 - Landform Design (Continued...)
Lecture 34 - Landform Design (Continued...)
Lecture 35 - Landform Design (Continued...)
Lecture 36 - Planting Design
Lecture 37 - Planting Design (Continued...)
Lecture 38 - Planting Design (Continued...)
Lecture 39 - Planting Design (Continued...)
Lecture 40 - Planting Design (Continued...)
NPTEL Video Course - Architecture - NOC: Architectural Conservation and Historic Preservation

Subject Co-ordinator - Prof. Sanghamitra Basu

Co-ordinating Institute - IIT - Kharagpur

Sub-Titles - Available / Unavailable  |  MP3 Audio Lectures - Available / Unavailable

Lecture 1 - Introduction
Lecture 2 - Introduction (Continued...)
Lecture 3 - Need, Debate and Purpose
Lecture 4 - Heritage Significance and Values
Lecture 5 - Heritage Significance and Values (Continued...)
Lecture 6 - Assessing Heritage Values and Significance
Lecture 7 - Heritage Values and Significance (Continued...)
Lecture 8 - Assessing Heritage Significance Concept and Process
Lecture 9 - Assessing Heritage Significance Concept and Process (Continued...)
Lecture 10 - Divergent Approaches for Managing and Rehabilitating Heritage Properties
Lecture 11 - Divergent Approaches for Managing and Rehabilitating Heritage Properties
Lecture 12 - Divergent Approaches for Managing and Rehabilitating Heritage Properties
Lecture 13 - Ethics of Conservation
Lecture 14 - Evolution of Heritage Conservation
Lecture 15 - Evolution of Heritage Conservation (Continued...)
Lecture 16 - World Heritage Sites - Part 1
Lecture 17 - World Heritage Sites - Part 2
Lecture 18 - World Heritage Sites - Part 3
Lecture 19 - World Heritage Sites - Part 4
Lecture 20 - World Heritage Sites - Part 5
Lecture 21 - Causes of decay in cultural property - Part 1
Lecture 22 - Causes of decay - Part 2
Lecture 23 - Causes of decay - Part 3
Lecture 24 - Causes of decay - Part 4
Lecture 25 - Documenting heritage properties
Lecture 26 - Documenting Heritage Properties
Lecture 27 - Investigation and Conservation of Historic Structures
Lecture 28 - Investigation and Conservation of Historic Structures
Lecture 29 - Investigation and Conservation of Historic Structures

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NPTEL Video Course - Architecture - NOC: Architectural Acoustics

Subject Co-ordinator - Prof. Sumana Gupta, Prof. Sankha Pratim Bhattacharya

Co-ordinating Institute - IIT - Kharagpur

Sub-Titles - Available / Unavailable  |  MP3 Audio Lectures - Available / Unavailable

Lecture 1 - Introduction and Historical Overview
Lecture 2 - Introduction to Acoustical Physics
Lecture 3 - Frequency and Octave
Lecture 4 - Sound Pressure and Intensity Levels
Lecture 5 - Near and Far Field Propagation and Loudness
Lecture 6 - Room Acoustics - I
Lecture 7 - Room Acoustics - II
Lecture 8 - Indoor Acoustics, Reflection and Absorption
Lecture 9 - Concept of Reverberation
Lecture 10 - Application of Reverberation Time
Lecture 11 - Introduction to Acoustical Absorbers
Lecture 12 - Panel Absorbers and Resonators
Lecture 13 - Absorption in spaces of different volumes
Lecture 14 - Acoustical Absorbers
Lecture 15 - Reverberation time and Intelligibility
Lecture 16 - Acoustical Criteria and Space Design
Lecture 17 - Acoustical Criteria and Space Design (Continued...)
Lecture 18 - Acoustical Criteria and Space Design (Continued...)
Lecture 19 - Acoustical Criteria and Space Design (Continued...)
Lecture 20 - Acoustical Criteria and Space Design (Continued...)
Lecture 21 - Introduction to Auditorium Design
Lecture 22 - Introduction to Auditorium Design (Continued...)
Lecture 23 - Introduction to Auditorium Design (Continued...)
Lecture 24 - Introduction to Auditorium Design Balcony and ceiling design
Lecture 25 - Introduction to Auditorium Design
Lecture 26 - Electro Acoustics - I
Lecture 27 - Electro Acoustics - II
Lecture 28 - Meteorological conditions and propagation of sound
Lecture 29 - Topography and sound propagation Historical contexts

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Lecture 30 - Open air Theatre considerations
Lecture 31 - Air Borne Sound Transmission
Lecture 32 - Air Borne Sound Transmission (Continued...)
Lecture 33 - Air Borne Sound Transmission (Continued...)
Lecture 34 - Structure Borne Sound Transmission
Lecture 35 - Structure Borne Sound Transmission (Continued...)
Lecture 36 - Environmental Acoustics - I
Lecture 37 - Environmental Acoustics - II
Lecture 38 - Urban Noise Control
Lecture 39 - Urban Noise Control
Lecture 40 - Urban Noise Control
NPTEL Video Course - Architecture - NOC: Introduction to History of Architecture in India

Subject Co-ordinator - Prof. Pushkar Sohoni

Co-ordinating Institute - IIT - Madras

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

Lecture 1 - Early Architecture
Lecture 2 - Buddhist and Early Temple Architecture
Lecture 3 - Sacrificial Altars and Divine Shelters
Lecture 4 - The Great Temple
Lecture 5 - Week-1 Review
Lecture 6 - Delhi Sultanate
Lecture 7 - Regional Sultanatas
Lecture 8 - Temple and Mosque
Lecture 9 - Daulatabad Fort
Lecture 10 - Week-2 Review
Lecture 11 - Mughal Architecture - Part 1
Lecture 12 - Mughal Architecture - Part 2
Lecture 13 - Imbrication of Sultanate and Maratha Architecture
Lecture 14 - Maratha Temple
Lecture 15 - Week-3 Review
Lecture 16 - Princely States of India
Lecture 17 - Colonial Architecture In India
Lecture 18 - International, Art Deco, Modern
Lecture 19 - Architecture Today Commerce and Creativity
Lecture 20 - Week-4 Review
NPTEL Video Lecture Topic List - Created by LinuXpert Systems, Chennai

NPTEL Video Course - Architecture - NOC:Housing Policy and Planning

Subject Co-ordinator - Prof. Uttam Kumar Roy
Co-ordinating Institute - IIT - Roorkee

Sub-Titles - Available / Unavailable  |  MP3 Audio Lectures - Available / Unavailable

Lecture 1 - Introduction to Housing
Lecture 2 - Housing Classifications
Lecture 3 - Housing Situation
Lecture 4 - Policy and Public intervention - 1
Lecture 5 - Policy and Public intervention - 2
Lecture 6 - Urban Reform
Lecture 7 - Housing Policy
Lecture 8 - Legal and Institutional Framework for Housing
Lecture 9 - Land for Housing - 1
Lecture 10 - Land for Housing - 2
Lecture 11 - Affordability and Housing Finance
Lecture 12 - Technology Systems in Housing Delivery - 1
Lecture 13 - Technology Systems in Housing Delivery - 2
Lecture 14 - Housing for All Mission (PMAY) and Technology Sub-mission
Lecture 15 - Summing up of Part-1 (Policy) and Introduction to Housing Planning
Lecture 16 - Urban and Regional Planning - 1
Lecture 17 - Urban and Regional Planning - 2
Lecture 18 - Development Controls
Lecture 19 - Housing Infrastructure and Services-1
Lecture 20 - Housing Infrastructure and Services-2
Lecture 21 - Housing Infrastructure and Services-3
Lecture 22 - Housing Strategy for City-1
Lecture 23 - Housing Strategy for City-2
Lecture 24 - Housing Strategy for City-3
Lecture 25 - Planning for Plotted Housing
Lecture 26 - Planning for Group Housing
Lecture 27 - Community Development in Housing
Lecture 28 - Cooperative Housing
Lecture 29 - Institutional and rental housing

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NPTEL Video Lecture Topic List - Created by LinuXpert Systems, Chennai

NPTEL Video Course - Architecture - NOC: Visual Communication Design for Digital Media

Subject Co-ordinator - Prof. Saptarshi Kolay

Co-ordinating Institute - IIT - Roorkee

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

Lecture 1 - Introduction to Visual Communication Design for Digital Media
Lecture 2 - Elements of Design - Part 1
Lecture 3 - Elements of Design - Part 2
Lecture 4 - Principles of Design - Part 1
Lecture 5 - Principles of Design - Part 2
Lecture 6 - Types of digital media technology – an overview of the field
Lecture 7 - Typography - 1
Lecture 8 - Typography - 2
Lecture 9 - Semiotics - 1
Lecture 10 - Semiotics - 2
Lecture 11 - Visual perception
Lecture 12 - Contemporary Visual Language - 1
Lecture 13 - Contemporary Visual Language - 2
Lecture 14 - Technology Advancements in Digital Media
Lecture 15 - Visual Design Methodology - 1_Generic Design
Lecture 16 - Visual Design Methodology - 2_Generic Design
Lecture 17 - Visual Design Methodology - 3_Animation
Lecture 18 - Visual Design Methodology - 4_web design
Lecture 19 - Visual Design Methodology - 5_graphic-design
Lecture 20 - Case Studies of Visual Design on Digital Paradigm

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NPTEL Video Course - Architecture - NOC:Culturally Responsive Built Environments

Subject Co-ordinator - Prof. Ram Sateesh Pasupuleti
Co-ordinating Institute - IIT - Roorkee

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

Lecture 1 - A Place
Lecture 2 - Place and Identity
Lecture 3 - Habitus - A Sense of Place
Lecture 4 - A Home - Introduction to Vernacular Architecture
Lecture 5 - The New Vernacular
Lecture 6 - Understanding Vernacular - Towards Anthropology
Lecture 7 - Understanding Rock Shelters
Lecture 8 - The Ecological and Sacred Dimension
Lecture 9 - Winter Landscape and Urbanism
Lecture 10 - Winter Cities
Lecture 11 - Power in Built Form
Lecture 12 - Spatial Analysis
Lecture 13 - The Forbidden Space
Lecture 14 - Religious Architecture
Lecture 15 - Understanding Construction Workers' Housing
Lecture 16 - Culture and Disasters - Towards Method and Framework
Lecture 17 - Understanding Post Tsunami Response (Tamilnadu)
Lecture 18 - Cultural Heritage
Lecture 19 - Understanding the Cultural Context in Disasters and Development
Lecture 20 - Culture, Climate Change Adaptation And Disaster Risk Reduction
Lecture 21 - Conservation
Lecture 22 - Conservation
Lecture 23 - Learning from Vernacular
Lecture 24 - Protection of the World Cultural and Natural Heritage
Lecture 25 - Intangible Cultural Heritage
Lecture 26 - City HRIDAY Plan of Badami
Lecture 27 - Cultural planning Approaches
Lecture 28 - Urban Transformations in Doha
Lecture 29 - How The Other Half Builds?
NPTEL Video Lecture Topic List - Created by LinuXpert Systems, Chennai

NPTEL Video Course - Architecture - NOC: Contemporary Architecture and Design

Subject Co-ordinator - Prof. Saptarshi Kolay
Co-ordinating Institute - IIT - Roorkee

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

Lecture 1 - Introduction
Lecture 2 - World Architecture and Design History
Lecture 3 - Industrial Revolution and Beginning of Modern Era
Lecture 4 - Post Industrial Revolution
Lecture 5 - Post Industrial Revolution
Lecture 6 - Post Industrial Revolution
Lecture 7 - Post Industrial Revolution
Lecture 8 - Evolution and Timeline of Modern Architecture and Design
Lecture 9 - Phases of Modern Architecture - Bauhaus
Lecture 10 - Phases of Modern Architecture - De Stijl
Lecture 11 - Phases of Modern Architecture - Chicago School
Lecture 12 - Phases of Modern Architecture - Chicago and Prairie School
Lecture 13 - Phases of Modern Architecture - Prairie School
Lecture 14 - Phases of Modern Architecture - Organic - Part 1
Lecture 15 - Phases of Modern Architecture - Organic - Part 2
Lecture 16 - Phases of Modern Architecture - Art Deco - Part 1
Lecture 17 - Phases of Modern Architecture - Art Deco - Part 2
Lecture 18 - Phases of Modern Architecture - Internationalism - Part 1
Lecture 19 - Phases of Modern Architecture - Internationalism - Part 2
Lecture 20 - Phases of Modern Architecture - Expressionism
Lecture 21 - Phases of Modern Architecture - Monolithic Style
Lecture 22 - Phases of Modern Architecture - Tensile and Steel Structures - Part 1
Lecture 23 - Phases of Modern Architecture - Tensile and Steel Structures - Part 2
Lecture 24 - Phases of Modern Architecture - Brutalism
Lecture 25 - Phases of Modern Architecture - Metabolism
Lecture 26 - Phases of Modern Architecture - Brutalism and Metabolism in India
Lecture 27 - Phases of Modern Art - Part 1
Lecture 28 - Phases of Modern Art - Part 2
Lecture 29 - Phases of Post Modern Architecture - Part I

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Lecture 30 - Phases of Post Modern Architecture - Part II
Lecture 31 - Phases of Post Modern Architecture - Historicism
Lecture 32 - Phases of Post Modern Architecture - High Tech
Lecture 33 - Phases of Post Modern Architecture - Neo Modern
Lecture 34 - Phases of Post Modern Architecture - Critical Regionalism
Lecture 35 - Phases of Post Modern Architecture - Memphis Milano
Lecture 36 - Phases of Post Modern Architecture - Deconstructivism - Part I
Lecture 37 - Phases of Post Modern Architecture - Deconstructivism - Part II
Lecture 38 - Phases of Post Modern Architecture - Pop Art
Lecture 39 - Evolution of Typography in Contemporary Era
Lecture 40 - Phases of Post Modern Architecture - Industrial Design
Lecture 30 - Summary and Discourse - VI
Lecture 31 - Continuity and Revival
Lecture 32 - Continuity and Revival
Lecture 33 - Continuity and Revival
Lecture 34 - Continuity and Revival
Lecture 35 - Summary and Discourse - VII
Lecture 36 - Interventions
Lecture 37 - Interventions
Lecture 38 - Interventions
Lecture 39 - Interventions
Lecture 40 - Summary and Discourse - VIII
NPTEL Video Lecture Topic List - Created by LinuXpert Systems, Chennai

NPTEL Video Course - Architecture - NOC:Urban Governance and Development Management

Subject Co-ordinator - Prof. Uttam Kumar Roy

Co-ordinating Institute - IIT - Roorkee

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

Lecture 1 - Introduction to Urbanisation
Lecture 2 - Introduction to Urban Governance
Lecture 3 - Constitutional Provision for Urban Local Governance
Lecture 4 - Legislative Provisions
Lecture 5 - Interfaces
Lecture 6 - People & Community - 1
Lecture 7 - People & Community - 2
Lecture 8 - Land as Basic Resource
Lecture 9 - Urban Environment and Ecology
Lecture 10 - Distinctive Features of Non-Municipal Urban (NMU) and Nagar Panchayats
Lecture 11 - Organisation Development
Lecture 12 - Transparency and Accountability
Lecture 13 - Capacity Building - 1
Lecture 14 - Capacity Building - 2
Lecture 15 - Improving Systems and Processes for Urban Governance
Lecture 16 - Urban Reform and Managing Change - 1
Lecture 17 - Urban Reform and Managing Change - 2
Lecture 18 - Visioning for Cities
Lecture 19 - Resolving Conflicts for Managing Change
Lecture 20 - Leadership and Team Building
Lecture 21 - Basic Concepts of Planning and Development
Lecture 22 - Regional and Metropolitan Planning
Lecture 23 - Urban Planning
Lecture 24 - Urban Infrastructure and Services - 1
Lecture 25 - Urban Infrastructure and Services - 2
Lecture 26 - Overview of Municipal Finance
Lecture 27 - Alternate Sources of Municipal Finance
Lecture 28 - Municipal Accounts
Lecture 29 - Value Capture Financing

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Lecture 30 - Public Private Partnership (PPP) in Urban Governance
Lecture 31 - Housing Strategy for Cities
Lecture 32 - Housing & Urban Poverty
Lecture 33 - Real Estate Regulation and Development
Lecture 34 - Urban Land Management
Lecture 35 - Urban Risk and Disaster Management
Lecture 36 - Managing Urban Environment - 1
Lecture 37 - Managing Urban Environment - 2 (Mandates for Blue and Green Infrastructures)
Lecture 38 - Traffic and Transportation Management - 1
Lecture 39 - Traffic and Transportation Management - 2
Lecture 40 - Designing Urban Public Spaces
Lecture 41 - Centrally Sponsored Programmes and Schemes
Lecture 42 - AMRUT
Lecture 43 - Smart City
Lecture 44 - Swachh Bharat Mission and HRIDAY
Lecture 45 - PMAY and NULM
Lecture 46 - Fundamentals of Project Planning
Lecture 47 - Formulation of Projects
Lecture 48 - Project Monitoring and Management
Lecture 49 - Essentials of Infrastructure and Engineering Design
Lecture 50 - Managing Trans-municipal and Large Projects
Lecture 51 - Enhancing City Image
Lecture 52 - Essential Competencies of City Managers
Lecture 53 - Problem Solving and Decision Making
Lecture 54 - Effective Negotiation
Lecture 55 - Communication Skills
Lecture 56 - Time Management
Lecture 57 - Stress Management
Lecture 58 - Best Practices in Urban Management
Lecture 59 - Reflective Learning and Excellence
Lecture 60 - Course Summary, Doubt Clearing and Further Reading

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NPTEL Video Course - Architecture - NOC: User Interface Design

Subject Co-ordinator - Prof. Saptarshi Kolay

Co-ordinating Institute - IIT - Roorkee

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

Lecture 1 - Introduction
Lecture 2 - User Interface Designer
Lecture 3 - Design methods - I
Lecture 4 - Design Methods - II
Lecture 5 - Human Factor in Interaction Design
Lecture 6 - User Research - I
Lecture 7 - User Research - II
Lecture 8 - Low Fidelity Design - I
Lecture 9 - Low Fidelity Design - II
Lecture 10 - High Fidelity Design
Lecture 11 - Visual Cognition
Lecture 12 - Contemporary Visual Language in Design - I
Lecture 13 - Contemporary Visual Language in Design - II
Lecture 14 - Usage of Typography in User Interface Design - I
Lecture 15 - Usage of Typography in User Interface Design - II
Lecture 16 - Design Semiotics and Visual Perception
Lecture 17 - Visual Communication Design
Lecture 18 - User Testing - I
Lecture 19 - User Testing - II
Lecture 20 - Contemporary Interface Design Technology