

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

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 Lecture Topic List - Created by LinuXpert Systems, Chennai

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 Lecture Topic List - Created by LinuXpert Systems, Chennai

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- Lecture 30 - Conservation of Historic Structures
- Lecture 31 - Conservation of Historic Structures
- Lecture 32 - Historic Cities and Heritage Areas
- Lecture 33 - Historic Cities and Heritage Areas (Continued...)
- Lecture 34 - Historic Cities and Heritage Areas (Continued...)
- Lecture 35 - Historic Cities and Heritage Areas (Continued...)
- Lecture 36 - Historic Cities and Heritage Zones - India
- Lecture 37 - Historic Areas and Heritage Zones - India (Continued...)
- Lecture 38 - New Buildings in Historic Settings
- Lecture 39 - Heritage Impact Assessment in Historic Settings
- Lecture 40 - Adaptive Reuse
- Lecture 41 - Legislative and Organizational Policies for India
- Lecture 42 - Heritage Regulations and Role of Voluntary Organisations
- Lecture 43 - Heritage Conservation - Issues and Potentials

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

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 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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- Lecture 30 - Working Person's hostel and Serviced Apartments
- Lecture 31 - Informal Housing Typologies
- Lecture 32 - Approaches in Improving Slums and Squatters
- Lecture 33 - Urban Village and Unauthorized Construction
- Lecture 34 - Pavement Dwellers and Night Shelters
- Lecture 35 - Old Age Home
- Lecture 36 - Disaster Resistant Housing
- Lecture 37 - Housing and Real Estate Development
- Lecture 38 - Housing Management
- Lecture 39 - Housing
- Lecture 40 - Course Summary and Conclusion



## 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 Lecture Topic List - Created by LinuXpert Systems, Chennai

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?

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- Lecture 30 - How To/Not To Relocate Slums?
- Lecture 31 - Stone- as a Vernacular Building material
- Lecture 32 - Timber as Vernacular Building material
- Lecture 33 - Timber Construction (A journey from Advanced to Vernacular)
- Lecture 34 - How To Study Vernacular Architecture?
- Lecture 35 - Architecture with out Architects
- Lecture 36 - Social Change in India (Sanskritisation)
- Lecture 37 - Social Change in India (Westernization)
- Lecture 38 - Social Change in India (Modernization- Globalization)
- Lecture 39 - Pluralism in Built Environment Education
- Lecture 40 - Summary and Conclusion

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

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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

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

NPTEL Video Course - Architecture - NOC:Role of Craft and Technology in Interior-Architecture

Subject Co-ordinator - Prof. Smriti Saraswat

Co-ordinating Institute - IIT - Roorkee

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

Lecture 1 - Interior-Architecture

Lecture 2 - Craft

Lecture 3 - Interior-Architecture and Craft and Technology

Lecture 4 - Interior-Architecture and Craft and Technology

Lecture 5 - Summary and Discourse - I

Lecture 6 - Interior-Architecture

Lecture 7 - Traditional Knowledge Systems and the Ingenious skills of the communities

Lecture 8 - Interior-Architecture

Lecture 9 - Traditional Knowledge Systems and the Indigenous materials; tools and techniques

Lecture 10 - Summary and Discourse - II

Lecture 11 - Creative and Cultural Industries

Lecture 12 - Building Crafts

Lecture 13 - Building Crafts

Lecture 14 - Building Crafts; Craft and Technology and its Role in Creating/Enhancing Interior-Architecture

Lecture 15 - Summary and Discourse - III

Lecture 16 - Best Studies related to the Craft Sector

Lecture 17 - Case Studies from Gujarat

Lecture 18 - Case Studies from Rajasthan

Lecture 19 - Case Studies from Uttarakhand

Lecture 20 - Summary and Discourse - IV

Lecture 21 - Craft and Technology in Interior Architecture

Lecture 22 - Craft and Technology in Interior Architecture; Decoding Systems

Lecture 23 - Craft and Technology in Interior Architecture

Lecture 24 - Craft and Technology in Interior Architecture; Transformation through Time

Lecture 25 - Summary and Discourse - V

Lecture 26 - Overview of the Craft Sector Today

Lecture 27 - Craft Sector

Lecture 28 - Craft Sector

Lecture 29 - Craft Sector

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- 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