

## 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

---

Get Digi-MAT (Digital Media Access Terminal) For High-Speed Video Streaming of NPTEL and Educational Video Courses in LAN

[www.digimat.in](http://www.digimat.in)

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

---

- 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