

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

NPTEL Video Course - Civil Engineering - NOC:Foundation Engineering

Subject Co-ordinator - Prof. Koushik Deb

Co-ordinating Institute - IIT - Kharagpur

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

Lecture 1 - Introduction  
Lecture 2 - Introduction (Continued...)  
Lecture 3 - Shear Strength  
Lecture 4 - Soil Exploration - Boring  
Lecture 5 - Standard Penetration Test  
Lecture 6 - Standard Penetration Test and Cone Penetration Test  
Lecture 7 - Cone Penetration Test and Other In-Situ Tests  
Lecture 8 - Types of Samples  
Lecture 9 - Geophysical Exploration - I  
Lecture 10 - Geophysical Exploration - II  
Lecture 11 - Shallow Foundation - Bearing Capacity I  
Lecture 12 - Shallow Foundation - Bearing Capacity II  
Lecture 13 - Shallow Foundation - Bearing Capacity III  
Lecture 14 - Shallow Foundation - Bearing Capacity IV  
Lecture 15 - Shallow Foundation - Bearing Capacity V  
Lecture 16 - Shallow Foundation - Settlement I  
Lecture 17 - Shallow Foundation - Settlement II  
Lecture 18 - Shallow Foundation - Settlement III  
Lecture 19 - Shallow Foundation - Settlement IV  
Lecture 20 - Shallow Foundation - Settlement V  
Lecture 21 - Shallow Foundation - Design I  
Lecture 22 - Shallow Foundation - Design II  
Lecture 23 - Shallow Foundation - Design III  
Lecture 24 - Shallow Foundation - Design IV  
Lecture 25 - Shallow Foundation - Design V  
Lecture 26 - Shallow Foundation - Design VI  
Lecture 27 - Pile Foundation - I  
Lecture 28 - Pile Foundation - II  
Lecture 29 - Pile Foundation - III

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- Lecture 30 - Pile Foundation - IV
- Lecture 31 - Pile Foundation - V
- Lecture 32 - Pile Foundation - VI
- Lecture 33 - Pile Foundation - VII
- Lecture 34 - Pile Foundation - VIII
- Lecture 35 - Pile Foundation - IX
- Lecture 36 - Pile Foundation - X
- Lecture 37 - Pile Foundation - XI
- Lecture 38 - Pile Foundation - XII
- Lecture 39 - Pile Foundation - XIII
- Lecture 40 - Pile Foundation - XIV
- Lecture 41 - Earth Pressure - I
- Lecture 42 - Earth Pressure - II
- Lecture 43 - Earth Pressure - III
- Lecture 44 - Earth Pressure - IV
- Lecture 45 - Earth Pressure - V
- Lecture 46 - Earth Pressure - VI
- Lecture 47 - Earth Pressure - VII
- Lecture 48 - Earth Pressure and Retaining Wall
- Lecture 49 - Retaining Wall - II
- Lecture 50 - Retaining Wall - III
- Lecture 51 - Retaining Wall - IV
- Lecture 52 - Retaining Wall - V and Sheet Piles - I
- Lecture 53 - Sheet Piles - II
- Lecture 54 - Sheet Piles - III
- Lecture 55 - Sheet Piles - IV
- Lecture 56 - Sheet Piles - V
- Lecture 57 - Sheet Piles - VI
- Lecture 58 - Sheet Piles and Braced Excavation
- Lecture 59 - Braced Excavation and Underground Conduits
- Lecture 60 - Underground Conduits - II