

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

NPTEL Video Course - Civil Engineering - N0C:Advanced Foundation Engineering

Subject Co-ordinator - Prof. Kousik Deb

Co-ordinating Institute - IIT - Kharagpur

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

Lecture 1 - Introduction and Soil Exploration - I
Lecture 2 - Soil Exploration - II
Lecture 3 - Soil Exploration - III
Lecture 4 - Soil Exploration - IV
Lecture 5 - Soil Exploration - V
Lecture 6 - Soil Exploration - VI
Lecture 7 - Shallow Foundation : Bearing Capacity - I
Lecture 8 - Shallow Foundation : Bearing Capacity - II
Lecture 9 - Shallow Foundation : Bearing Capacity - III
Lecture 10 - Shallow Foundation : Bearing Capacity - IV
Lecture 11 - Shallow Foundation : Bearing Capacity - V
Lecture 12 - Shallow Foundation : Bearing Capacity - VI
Lecture 13 - Shallow Foundation : Bearing Capacity - VII
Lecture 14 - Shallow Foundation : Bearing Capacity - VIII
Lecture 15 - Shallow Foundation : Bearing Capacity - IX
Lecture 16 - Shallow Foundation : Bearing Capacity - X
Lecture 17 - Shallow Foundation : Bearing Capacity - XI
Lecture 18 - Shallow Foundation : Bearing Capacity - XII
Lecture 19 - Shallow Foundation : Bearing Capacity - XIII
Lecture 20 - Shallow Foundation : Bearing Capacity - XIV
Lecture 21 - Shallow Foundation : Bearing Capacity - XV
Lecture 22 - Shallow Foundation : Bearing Capacity - XVI
Lecture 23 - Shallow Foundation : Settlement - I
Lecture 24 - Shallow Foundation : Settlement - II
Lecture 25 - Shallow Foundation : Settlement - III
Lecture 26 - Shallow Foundation : Settlement - IV
Lecture 27 - Beams on Elastic Foundation - I
Lecture 28 - Beams on Elastic Foundation - II
Lecture 29 - Beams on Elastic Foundation - III

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- Lecture 30 - Beams on Elastic Foundation - IV
- Lecture 31 - Beams on Elastic Foundation - V
- Lecture 32 - Beams on Elastic Foundation - VI
- Lecture 33 - Beams on Elastic Foundation - VII
- Lecture 34 - Beams on Elastic Foundation - VIII
- Lecture 35 - Beams on Elastic Foundation - IX
- Lecture 36 - Design of Shallow Foundation - I
- Lecture 37 - Design of Shallow Foundation - II
- Lecture 38 - Design of Shallow Foundation - III
- Lecture 39 - Design of Shallow Foundation - IV
- Lecture 40 - Design of Shallow Foundation - V
- Lecture 41 - Pile Foundation : Under Compressive Load - I
- Lecture 42 - Pile Foundation : Under Compressive Load - II
- Lecture 43 - Pile Foundation : Under Compressive Load - III
- Lecture 44 - Pile Foundation : Under Compressive Load - IV
- Lecture 45 - Pile Foundation : Under Compressive Load - V
- Lecture 46 - Pile Foundation : Under Compressive Load - VI
- Lecture 47 - Pile Foundation : Under Compressive Load - VII
- Lecture 48 - Pile Foundation : Under Compressive Load - VIII
- Lecture 49 - Pile Foundation : Under Compressive Load - IX
- Lecture 50 - Pile Foundation : Under Compressive Load - X
- Lecture 51 - Pile Foundation : Under Lateral Load and Uplift - I
- Lecture 52 - Pile Foundation : Under Lateral Load and Uplift - II
- Lecture 53 - Pile Foundation : Under Lateral Load and Uplift - III
- Lecture 54 - Pile Foundation : Under Lateral Load and Uplift - IV
- Lecture 55 - Pile Foundation : Under Lateral Load and Uplift - V
- Lecture 56 - Pile Foundation : Under Lateral Load and Uplift - VI
- Lecture 57 - Pile Foundation : Under Lateral Load and Uplift - VII
- Lecture 58 - Pile Foundation : Under Lateral Load and Uplift - VIII
- Lecture 59 - Pile Foundation : Under Lateral Load and Uplift - IX
- Lecture 60 - Well Foundation - I
- Lecture 61 - Well Foundation - II
- Lecture 62 - Well Foundation - III
- Lecture 63 - Well Foundation - IV
- Lecture 64 - Well Foundation - V
- Lecture 65 - Well Foundation - VI
- Lecture 66 - Well Foundation - VII
- Lecture 67 - Well Foundation - VIII
- Lecture 68 - Well Foundation - IX

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Lecture 69 - Foundations on Difficult Soils - I
Lecture 70 - Foundations on Difficult Soils - II