

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

NPTEL Video Course - Ocean Engineering - Foundation for Offshore Structures

Subject Co-ordinator - Dr. S. Nallayarasu

Co-ordinating Institute - IIT - Madras

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

Lecture 1 - Basics of Soil Mechanics - I
Lecture 2 - Basics of Soil Mechanics - II
Lecture 3 - Basics of Soil Mechanics - III
Lecture 4 - Basics of Soil Mechanics - IV
Lecture 5 - Basics of Soil Mechanics - V
Lecture 6 - Basics of Soil Mechanics - VI
Lecture 7 - Basics of Soil Mechanics - VII
Lecture 8 - Bearing Capacity of Foundations - I
Lecture 9 - Bearing Capacity of Foundations - II
Lecture 10 - Pile Foundation - I
Lecture 11 - Pile Foundation - II
Lecture 12 - Pile Foundation - III
Lecture 13 - Pile Foundation - IV
Lecture 14 - Pile Foundation - V
Lecture 15 - Pile Foundation - VI
Lecture 16 - Pile Installation - I
Lecture 17 - Pile Installation - II
Lecture 18 - Pile Driveability Analysis - I
Lecture 19 - Pile Driveability Analysis - II
Lecture 20 - Pile Driveability Analysis - III
Lecture 21 - Pile Driveability Analysis - IV
Lecture 22 - Pile Driveability Analysis - V
Lecture 23 - Onbottom Stability of Jackets - I
Lecture 24 - Onbottom Stability of Jackets - II
Lecture 25 - Pile Load Test - I
Lecture 26 - Pile Load Test - II
Lecture 27 - Pile Load Test - III
Lecture 28 - Special Topics
Lecture 29 - Special Foundations - I

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- Lecture 30 - Special Foundations - II
- Lecture 31 - Special Foundations - III
- Lecture 32 - Pile Group Effects
- Lecture 33 - Two Pile Group Effect For Axial Load