

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

NPTEL Video Course - Ocean Engineering - Elements of Ocean Engineering

Subject Co-ordinator - Dr. Ashoke Bhar

Co-ordinating Institute - IIT - Kharagpur

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

- Lecture 1 - Introduction
- Lecture 2 - Physical Oceanography - I
- Lecture 3 - Physical Oceanography - II
- Lecture 4 - Physical Oceanography - III
- Lecture 5 - Physical Oceanography - IV
- Lecture 6 - Sediments & Open Ocean
- Lecture 7 - Open Ocean - I
- Lecture 8 - Open Ocean - II
- Lecture 9 - Physical Properties of Water
- Lecture 10 - Water and Waves
- Lecture 11 - Waves - I
- Lecture 12 - Waves - II
- Lecture 13 - Waves - III
- Lecture 14 - Introduction to Offshore Structures - I
- Lecture 15 - Introduction to Offshore Structures - II
- Lecture 16 - Waves - IV
- Lecture 17 - The Wave Spectra
- Lecture 18 - The Wave Spectra (Continued...1)
- Lecture 19 - The Wave Spectra (Continued...2)
- Lecture 20 - Offshore Structures - I
- Lecture 21 - Offshore Structures - II
- Lecture 22 - Offshore Structures - III
- Lecture 23 - Floating Offshore Structures
- Lecture 24 - Drilling from Platforms
- Lecture 25 - Drilling and Topsides
- Lecture 26 - Topsides
- Lecture 27 - Mooring Systems
- Lecture 28 - Mooring Systems (Continued...1)
- Lecture 29 - Static Analysis of Mooring Cable

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- Lecture 30 - Static Analysis of Mooring Cable (Continued...)
- Lecture 31 - Mooring Systems (Continued...2)
- Lecture 32 - Mooring Systems (Continued...3)
- Lecture 33 - Mooring Systems (Continued...4)
- Lecture 34 - Mooring Systems (Continued...5)
- Lecture 35 - Mooring Systems (Continued...6)
- Lecture 36 - Fixed Offshore Structures
- Lecture 37 - Fixed Offshore Structures (Continued...)
- Lecture 38 - Structural Analysis of Jacket Platforms
- Lecture 39 - Structural Analysis of Jacket Platforms (Continued...1)
- Lecture 40 - Structural Analysis of Jacket Platforms (Continued...2)
- Lecture 41 - Jacket Pile Selection
- Lecture 42 - Jacket Pile Selection (Continued...1)
- Lecture 43 - Jacket Pile Selection (Continued...2)
- Lecture 44 - Floating Platform Design
- Lecture 45 - Semi-Submersibles
- Lecture 46 - Semi-Submersibles & TLPs
- Lecture 47 - Tension Leg Platform
- Lecture 48 - Tension Leg Platform (Continued...)
- Lecture 49 - SPAR Platform