

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

NPTEL Video Course - Civil Engineering - NOC:Structural Analysis - I

Subject Co-ordinator - Prof. Amit Shaw

Co-ordinating Institute - IIT - Kharagpur

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

- Lecture 1 - Introduction
- Lecture 2 - Idealization of Structures, Threats and Responses
- Lecture 3 - Static Equilibrium
- Lecture 4 - Determinate and Indeterminate Structures
- Lecture 5 - Review of Bending Moment and Shear Force Diagram of Beam
- Lecture 6 - Tutorial - I
- Lecture 7 - Analysis of Statically Determinate Structures
- Lecture 8 - Analysis of Truss
- Lecture 9 - Analysis of Truss
- Lecture 10 - Analysis of Truss
- Lecture 11 - Analysis of Truss
- Lecture 12 - Analysis of Statically Determinate Structures
- Lecture 13 - Analysis of Statically Determinate Structures
- Lecture 14 - Analysis of Statically Determinate Structures
- Lecture 15 - Analysis of Statically Determinate Structures
- Lecture 16 - Analysis of Statically Determinate Structures
- Lecture 17 - Deflection of Beams and Frames
- Lecture 18 - Deflection of Beams and Frames (Continued...)
- Lecture 19 - Deflection of Beams and Frames (Continued...)
- Lecture 20 - Deflection of Beams and Frames (Continued...)
- Lecture 21 - Deflection of Beams and Frames (Continued...)
- Lecture 22 - Deflection of Beams and Frames (Continued...)
- Lecture 23 - Deflection of Beams and Frames (Continued...)
- Lecture 24 - Deflection of Beams and Frames (Continued...)
- Lecture 25 - Deflection of Beams and Frames (Continued...)
- Lecture 26 - Deflection of Beams and Frames (Continued...)
- Lecture 27 - Deflection of Beams and Frames (Continued...)
- Lecture 28 - Influence Line Diagram and moving Loads
- Lecture 29 - Influence Line Diagram and moving Loads (Continued...)

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- Lecture 30 - Influence Line Diagram and moving Loads (Continued...)
- Lecture 31 - Influence Line Diagram and moving Loads (Continued...)
- Lecture 32 - Influence Line Diagram and moving Loads (Continued...)
- Lecture 33 - Analysis of Statically Indeterminate Structures
- Lecture 34 - Analysis of Statically Indeterminate Structures (Continued...)
- Lecture 35 - Analysis of Statically Indeterminate Structures (Continued...)
- Lecture 36 - Analysis of Statically Indeterminate Structures (Continued...)
- Lecture 37 - Analysis of Statically Indeterminate Structures (Continued...)
- Lecture 38 - Analysis of Statically Indeterminate Structures
- Lecture 39 - Analysis of Statically Indeterminate Structures
- Lecture 40 - Analysis of Statically Indeterminate Structures
- Lecture 41 - Analysis of Statically Indeterminate Structures
- Lecture 42 - Analysis of Statically Indeterminate Structures by Force Method
- Lecture 43 - Analysis of Statically Indeterminate Structures by Force Method (Continued...)
- Lecture 44 - Analysis of Statically Indeterminate Structures by Force Method (Continued...)
- Lecture 45 - Analysis of Statically Indeterminate Structures by Force Method (Continued...)
- Lecture 46 - Analysis of Statically Indeterminate Structures by Force Method (Continued...)
- Lecture 47 - Analysis of Indeterminate Structures by Displacement Methods
- Lecture 48 - Analysis of Indeterminate Structures by Displacement Methods (Continued...)
- Lecture 49 - Analysis of Indeterminate Structures by Displacement Methods (Continued...)
- Lecture 50 - Analysis of Indeterminate Structures by Displacement Methods (Continued...)
- Lecture 51 - Analysis of Indeterminate Structures by Displacement Methods (Continued...)
- Lecture 52 - Analysis of Indeterminate Structures by Displacement Methods (Continued...)
- Lecture 53 - Analysis of Indeterminate Structures by Displacement Methods (Continued...)
- Lecture 54 - Analysis of Indeterminate Structures by Displacement Methods (Continued...)
- Lecture 55 - Analysis of Indeterminate Structures by Displacement Methods (Continued...)
- Lecture 56 - Analysis of Indeterminate Structures by Displacement Methods (Continued...)