

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

NPTEL Video Course - Civil Engineering - NOC:Earthquake Geology: A tool for Seismic Hazard Assessment

Subject Co-ordinator - Prof. Javed N. Malik

Co-ordinating Institute - IIT - Kanpur

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

Lecture 1 - Introduction to Earthquake Geology - Part I  
Lecture 2 - Introduction to Earthquake Geology - Part II  
Lecture 3 - Introduction to Earthquake Geology - Part III  
Lecture 4 - Introduction to Earthquake Geology - Part IV  
Lecture 5 - Fundamentals Related to Paleoseismology - Part I  
Lecture 6 - Fundamentals Related to Paleoseismology - Part II  
Lecture 7 - Fundamentals Related to Paleoseismology - Part III  
Lecture 8 - Plate Tectonics - Part I  
Lecture 9 - Plate Tectonics - Part II  
Lecture 10 - Plate Tectonics - Part III  
Lecture 11 - Plate tectonics - Part IV  
Lecture 12 - Plate Tectonics - Part V  
Lecture 13 - Seismic Zonation of India  
Lecture 14 - Interior of the Earth - Part I  
Lecture 15 - Interior of the Earth - Part II  
Lecture 16 - Earthquake Forecasting and Prediction Model - Part I  
Lecture 17 - Earthquake Forecasting and Prediction Model - Part II  
Lecture 18 - Earthquake Forecasting and Prediction Model - Part III  
Lecture 19 - Earthquake in Interplate and Intraplate Region  
Lecture 20 - Earthquake Magnitude and Intensity Scale - Part I  
Lecture 21 - Earthquake Magnitude and Intensity Scale - Part II  
Lecture 22 - Fundamentals Related to Active Faults - Part I  
Lecture 23 - Fundamentals Related to Active Faults - Part II  
Lecture 24 - Fundamentals Related to Active Faults - Part III  
Lecture 25 - Fundamentals Related to Active Faults - Part IV  
Lecture 26 - Lab and Field Techniques in Active Fault Mapping and Paleoseismic studies - Part I  
Lecture 27 - Lab and Field Techniques in Active Fault Mapping and Paleoseismic studies - Part II  
Lecture 28 - Lab and Field Techniques in Active Fault Mapping and Paleoseismic studies - Part III  
Lecture 29 - Lab and Field Techniques in Active Fault Mapping and Paleoseismic studies - Part IV

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

- Lecture 30 - Lab and Field Techniques in Active Fault Mapping and Paleoseismic studies - Part V
- Lecture 31 - Extensional Tectonic Environments and Related Landforms - Part I
- Lecture 32 - Extensional Tectonic Environments and Related Landforms - Part II
- Lecture 33 - Extensional Tectonic Environments and Related Landforms - Part III
- Lecture 34 - Extensional Tectonic Environments and Related Landforms - Part IV
- Lecture 35 - Compressional Tectonic Environments and Related Landforms - Part I
- Lecture 36 - Compressional Tectonic Environments and Related Landforms - Part II
- Lecture 37 - Compressional Tectonic Environments and Related Landforms - Part III
- Lecture 38 - Compressional Tectonic Environments and Related Landforms - Part IV
- Lecture 39 - Compressional Tectonic Environments and Related Landforms - Part V
- Lecture 40 - Compressional Tectonic Environments and Related Landforms - Part VI
- Lecture 41 - Compressional Tectonic Environments and Related Landforms - Part VII
- Lecture 42 - Strike-Slip Tectonic Environments and Related Landforms - Part I
- Lecture 43 - Strike-Slip Tectonic Environments and Related Landforms - Part II
- Lecture 44 - Strike-Slip Tectonic Environments and Related Landforms - Part III
- Lecture 45 - Strike-Slip Tectonic Environments and Related Landforms - Part IV
- Lecture 46 - Geomorphologic Markers for Fluvial Environment - Part I
- Lecture 47 - Geomorphologic Markers for Fluvial Environment - Part II
- Lecture 48 - Geomorphologic Markers - Part III
- Lecture 49 - Tectonic Geomorphology - Part I
- Lecture 50 - Tectonic Geomorphology - Part II
- Lecture 51 - Coastal Geomorphologic Markers - Part I
- Lecture 52 - Coastal Geomorphologic Markers - Part II
- Lecture 53 - Coastal Geomorphologic Markers - Part III
- Lecture 54 - Tsunami and Paleotsunami signatures Investigation - Part I
- Lecture 55 - Tsunami and Paleotsunami signatures Investigation - Part II
- Lecture 56 - Tsunami and Paleotsunami signatures Investigation - Part III
- Lecture 57 - Field Documentary