

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

NPTEL Video Course - Civil Engineering - NOC:Laboratory Practices in Earth Sciences: Landscape Mapping

Subject Co-ordinator - Prof. Javed N Malik

Co-ordinating Institute - IIT - Kanpur

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

- Lecture 1 - Basic Introduction about the Course
- Lecture 2 - Generation Introduction to the Remote Sensing - Part 1
- Lecture 3 - Generation Introduction to the Remote Sensing - Part 2
- Lecture 4 - Aerial Photogrammetry - Part 1
- Lecture 5 - Aerial Photogrammetry - Part 2
- Lecture 6 - Stereoscopy
- Lecture 7 - Relief Displacement
- Lecture 8 - Exploring the Remote Sensing Data and GIS Software - Part 1
- Lecture 9 - Exploring the Remote Sensing Data and GIS Software - Part 2
- Lecture 10 - Exploring the Remote Sensing Data and GIS Software - Part 3
- Lecture 11 - Georeferencing of Toposheets on QGIS
- Lecture 12 - Georeferencing of Remote Sensing Data on QGIS
- Lecture 13 - Mosaicking, Merging and Generation of Shape Files on QGIS
- Lecture 14 - Fluvial Systems and Associated Landforms - Part 1
- Lecture 15 - Fluvial Systems and Associated Landforms - Part 2
- Lecture 16 - Fluvial Systems and Associated Landforms - Part 3
- Lecture 17 - Fluvial Systems and Associated Landforms - Part 4
- Lecture 18 - Fluvial Systems and Associated Landforms - Part 5
- Lecture 19 - Fluvial Systems and Associated Landforms - Part 6
- Lecture 20 - Tectonic Geomorphology - Part 1
- Lecture 21 - Tectonic Geomorphology - Part 2
- Lecture 22 - Tectonic Geomorphology - Part 3
- Lecture 23 - Tectonic Geomorphology - Part 4
- Lecture 24 - Anaglyph and DEM Generation of Cartosat-1 data on ENVI
- Lecture 25 - Tectono-Geomorphic Mapping on QGIS - Part 1
- Lecture 26 - Tectono-Geomorphic Mapping on QGIS - Part 2
- Lecture 27 - Tectono-Geomorphic Mapping on QGIS - Part 3
- Lecture 28 - Tectono-Geomorphic Mapping on QGIS - Part 4
- Lecture 29 - Total Station (TS) and Real Time Kinematics (RTK) and its Applications

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- Lecture 30 - Field Demonstration of Real Time Kinematics (RTK) - Part 1
- Lecture 31 - Field Demonstration of Real Time Kinematics (RTK) - Part 2
- Lecture 32 - Field Demonstration of Total Station (TS) - Part 1
- Lecture 33 - Field Demonstration of Total Station (TS) - Part 2
- Lecture 34 - Ground Penetrating Radar (GPR) and its Applications - Part 1
- Lecture 35 - Ground Penetrating Radar (GPR) and its Applications - Part 2
- Lecture 36 - Field Demonstration of GPR - Part 1
- Lecture 37 - Field Demonstration of GPR - Part 2
- Lecture 38 - Optically Stimulated Luminescence (OSL) Dating technique and its Applications
- Lecture 39 - Optically Stimulated Luminescence (OSL) Dating Lab