

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

NPTEL Video Course - Agriculture - NOC:Machine Learning for Soil and Crop Management

Subject Co-ordinator - Prof. Somsubhra Chakraborty

Co-ordinating Institute - IIT - Kharagpur

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

- Lecture 1 - General Overview of ML and DL Applications in Agriculture
- Lecture 2 - General Overview of ML and DL Applications in Agriculture (Continued...)
- Lecture 3 - General Overview of ML and DL Applications in Agriculture (Continued...)
- Lecture 4 - General Overview of ML and DL Applications in Agriculture (Continued...)
- Lecture 5 - General Overview of ML and DL Applications in Agriculture (Continued...)
- Lecture 6 - Basics of Multivariate Data Analytics
- Lecture 7 - Basics of Multivariate Data Analytics (Continued...)
- Lecture 8 - Basics of Multivariate Data Analytics (Continued...)
- Lecture 9 - Basics of Multivariate Data Analytics (Continued...)
- Lecture 10 - Basics of Multivariate Data Analytics (Continued...)
- Lecture 11 - Principal Component Analysis and Regression Applications in Agriculture
- Lecture 12 - Principal Component Analysis and Regression Applications in Agriculture (Continued...)
- Lecture 13 - Principal Component Analysis and Regression Applications in Agriculture (Continued...)
- Lecture 14 - Principal Component Analysis and Regression Applications in Agriculture (Continued...)
- Lecture 15 - Principal Component Analysis and Regression Applications in Agriculture (Continued...)
- Lecture 16 - Applications of Classification and Clustering Methods in Agriculture
- Lecture 17 - Applications of Classification and Clustering Methods in Agriculture (Continued...)
- Lecture 18 - Applications of Classification and Clustering Methods in Agriculture (Continued...)
- Lecture 19 - Applications of Classification and Clustering Methods in Agriculture (Continued...)
- Lecture 20 - Applications of Classification and Clustering Methods in Agriculture (Continued...)
- Lecture 21 - Diffuse Reflectance Spectroscopy: Basics and Applications for Crop and Soil
- Lecture 22 - Diffuse Reflectance Spectroscopy: Basics and Applications for Crop and Soil (Continued...)
- Lecture 23 - Diffuse Reflectance Spectroscopy: Basics and Applications for Crop and Soil (Continued...)
- Lecture 24 - Diffuse Reflectance Spectroscopy: Basics and Applications for Crop and Soil (Continued...)
- Lecture 25 - Diffuse Reflectance Spectroscopy: Basics and Applications for Crop and Soil (Continued...)
- Lecture 26 - Use of ML for Portable Proximal Soil and Crop Sensors
- Lecture 27 - Use of ML for Portable Proximal Soil and Crop Sensors (Continued...)
- Lecture 28 - Use of ML for Portable Proximal Soil and Crop Sensors (Continued...)
- Lecture 29 - Use of ML for Portable Proximal Soil and Crop Sensors (Continued...)

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- Lecture 30 - Use of ML for Portable Proximal Soil and Crop Sensors (Continued...)
- Lecture 31 - ML and DL for Soil and Crop Image Processing
- Lecture 32 - ML and DL for Soil and Crop Image Processing (Continued...)
- Lecture 33 - ML and DL for Soil and Crop Image Processing (Continued...)
- Lecture 34 - ML and DL for Soil and Crop Image Processing (Continued...)
- Lecture 35 - ML and DL for Soil and Crop Image Processing (Continued...)
- Lecture 36 - UAV and ML Applications in Agriculture
- Lecture 37 - UAV and ML Applications in Agriculture (Continued...)
- Lecture 38 - UAV and ML Applications in Agriculture (Continued...)
- Lecture 39 - UAV and ML Applications in Agriculture (Continued...)
- Lecture 40 - UAV and ML Applications in Agriculture (Continued...)
- Lecture 41 - Hyperspectral Remote Sensing and ML Applications in Agriculture
- Lecture 42 - Hyperspectral Remote Sensing and ML Applications in Agriculture (Continued...)
- Lecture 43 - Hyperspectral Remote Sensing and ML Applications in Agriculture (Continued...)
- Lecture 44 - Hyperspectral Remote Sensing and ML Applications in Agriculture (Continued...)
- Lecture 45 - Hyperspectral Remote Sensing and ML Applications in Agriculture (Continued...)
- Lecture 46 - Digital Soil Mapping - General Overview
- Lecture 47 - Digital Soil Mapping - General Overview (Continued...)
- Lecture 48 - Digital Soil Mapping - General Overview (Continued...)
- Lecture 49 - Digital Soil Mapping - General Overview (Continued...)
- Lecture 50 - Digital Soil Mapping - General Overview (Continued...)
- Lecture 51 - Digital Soil Mapping With Continuous Variables
- Lecture 52 - Digital Soil Mapping With Continuous Variables (Continued...)
- Lecture 53 - Digital Soil Mapping With Continuous Variables (Continued...)
- Lecture 54 - Digital Soil Mapping With Continuous Variables (Continued...)
- Lecture 55 - Digital Soil Mapping With Continuous Variables (Continued...)
- Lecture 56 - Digital Soil Mapping With Categorical Variables
- Lecture 57 - Digital Soil Mapping With Categorical Variables (Continued...)
- Lecture 58 - Digital Soil Mapping With Categorical Variables (Continued...)
- Lecture 59 - Digital Soil Mapping With Categorical Variables (Continued...)
- Lecture 60 - Digital Soil Mapping With Categorical Variables (Continued...)