



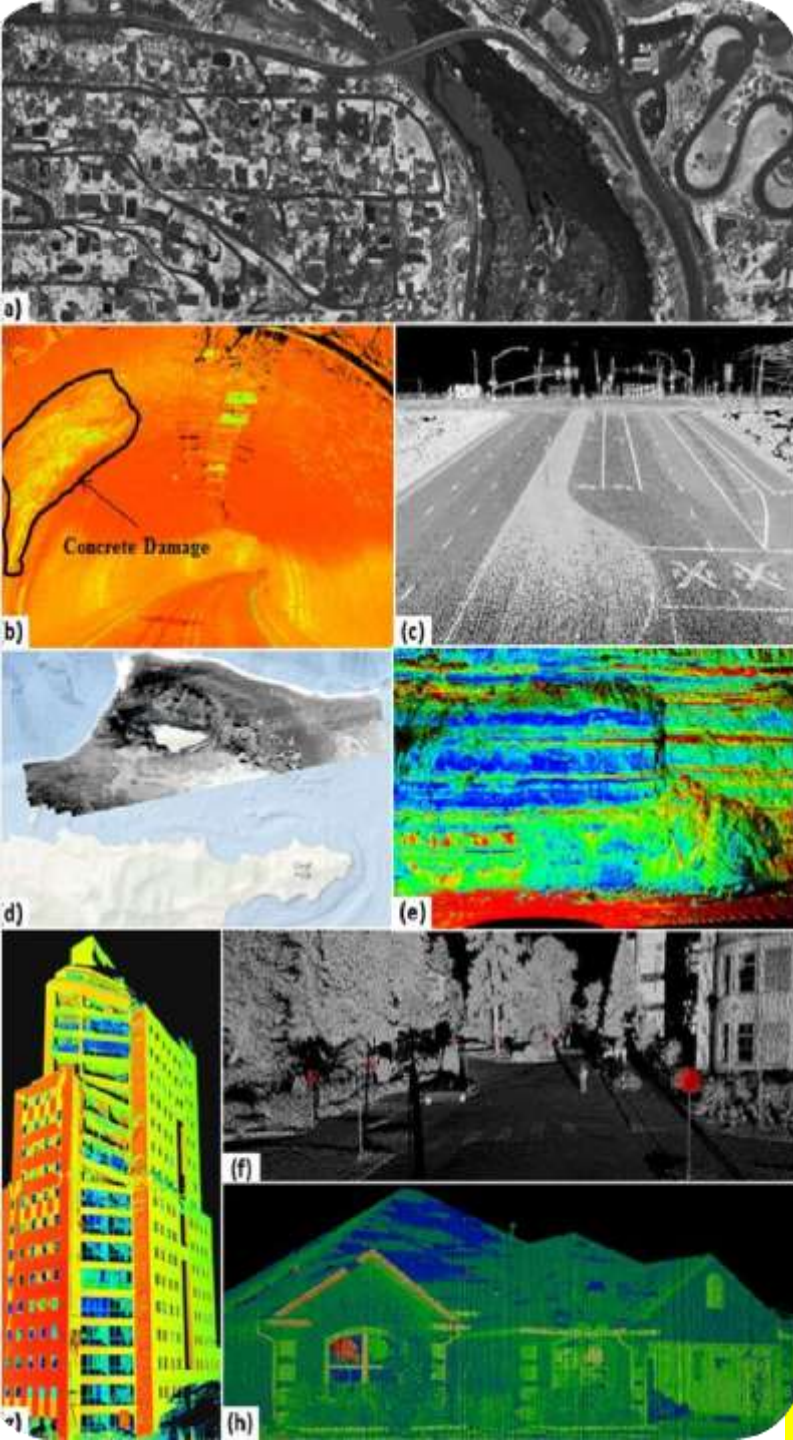
**2 Months Hands-on Online Training Course**  
On  
**APPLICATION OF MACHINE LEARNING AND DEEP  
LEARNING IN GIS AND REMOTE SENSING**  
**(Batch-2)**

*Organised by*

**International Institute of Geospatial  
Science & Technology (IIGST)**  
(A Constituent unit of SAIARD)

**9<sup>th</sup> May to 27<sup>th</sup> June 2022**  
**Every Monday @ 5.00 – 6.30 pm**

For Details: [www.iigst.in](http://www.iigst.in) Email: [iigstkolkata@gmail.com](mailto:iigstkolkata@gmail.com) ;  
WhatsApp: +91-6295431557, 7908605517



# TRAINING OVERVIEW

## Day1

- Introduction
- Installing plugins
- Machine Learning
- Machine Learning in GIS
- Supervised and Unsupervised Learning

## Day2

- Algorithms for Image classification
- Classification algorithms for Supervised and Unsupervised Learning
- Land cover classification

## Day3

- Unsupervised LULC image classification
- Unsupervised learning in QGIS and Arc GIS

## Day4

- Supervised classification in Arc GIS and QGIS

## Day5

- Image segmentation in GIS
- Object based image classification

## Day6

- Regression modelling in GIS
- OSL modelling in GIS

## Day7

- Deep Learning
- Introduction to Neural Network
- Deep Learning CNN model
- Application of deep learning model

## Day8

- Hands-on project work.
- Query solving regarding practical

## Area Covers

## Resource Persons

IIGST , Govt. & Industry Professionals

## Seat Limitations

Nil

## Minimum eligibility

Graduation

## Course Fees

2999/-

## Mode of Training

Online

## Last Date of Application

08.05.22

## Bank Details

Bank- **SBI**, Beneficiary Name- **SAIARD**

Acc. No- **38377901244** ; IFSC Code:**SBIN0016629**

**Study Materials , Data Sets & Certificates  
will be provided to the participants**

## Admission Link

<https://forms.gle/uQLTKLsXURKVFsoj7>