



# 2022 International Workshop on *Remote Sensing and Applications*

Jointly Organised by  
Technology Innovation Hub, ISI Kolkata &  
IEEE GRSS Kolkata Chapter

August 13, 2022

**Venue:** Indian Statistical Institute Kolkata

**Registration Fee:** Rs. 200/- (+Rs. 36/- GST)

**Bank Account Details:** IDEAS-INSTITUTE OF DATA ENGG, ANALYTICS AND SC. FOUNDATION  
Account Number -7043153582 IFSC-IDIB000D682

**Register here:**

<https://docs.google.com/forms/d/1w4sdvci4RK8CScHzth2zhh8mHynZdF1dIqPCStwNVjo/edit>

**Registration Deadline:** August 10, 2021 (Seat limited; Registration is on First come First Serve Basis)

## **Speakers:**

- ✓ Prof. Emmett J Ientilucci, Rochester Institute of Technology, USA
- ✓ Prof. Barun Raychaudhuri, Presidency University, Kolkata
- ✓ Prof. Rishikesh Bharti, IIT Guwahati
- ✓ Prof. Debadatta Swain, IIT Bhubaneswar

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Remote sensing involves the science of obtaining information from a distance, especially applied to acquiring information about earth and other planets. Research in this direction is gaining popularity due to its wide applicability in diverse directions e.g., monitoring earth surfaces and environmental & climate change, natural resource management, transportation, smart city applications, oceanography, agriculture.

The present workshop will act as a premier forum to understand the basics of remote sensing, data generation, and a few applications.

Academicians, researchers, students and industry personnel will be able to share their research findings with global experts through this day long programme.

**Venue:** Center for Soft Computing Research, R A Fisher Bhavan, Indian Statistical Institute, Kolkata

**Tentative Schedule (in Indian Standard Time)**

**August 13, 2022**

1. **Lecture 1:** 10.00 a.m. – 11.30 a.m. – **Remote Sensing and Data Acquisition** (*Dr. Emmett J Ientilucci, Rochester Institute of Technology, USA*)
2. **Lecture 2:** 12.00 a.m. – 1 p.m. – **Hyperspectral Remote Sensing: Spectroscopy with Images** (*Prof. Barun Raychaudhury, Presidency University, Kolkata, India*)
3. **Lecture 3:** 2.30 p.m. – 3.30 p.m. – **To be announced** (*Prof. Rishikesh Bharti, IIT Guwahati, India*)
4. **Lecture 4:** 4 p.m. – 5 p.m. – **Exploring the Oceans from Space: A Dive from the Dark Unknown into the Blue Unknown** (*Prof. Debadatta Swain, IIT Bhubaneswar, India*)