



CHAPNET-2020
International Virtual School on
Application of Machine learning and IoT in Remote
Sensing



Organized by: Geoscience and Remote Sensing Society, Kolkata Chapter
December 4-5, 2020



Important Information

Number of seats is limited to **80**.

- Last date For Registration is **November 30, 2020**.
- Registration is **free**.
- E-Certificates will be issued on full participation in the entire workshop.
- Applicants are requested to visit the website for regular updates about the workshop.

Convener

Prof. Pradipta Kumar Nanda
Chair, IEEE GRSS Kolkata Chapter

Useful Links

- I. <https://site.ieee.org/kolkata-grss/activities/workshop/>
- II. <https://site.ieee.org/kolkata-grss/activities/upcoming-events/>

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CALL FOR PARTICIPATIONS

Remote sensing been a focus area of research for quite some time and has a wide range of applications. Advanced and sophisticated sensors are required for sensing the data accurately for precision applications. Sensor technology and their appropriate choice for data aggregation play a pivotal role in remote sensing. Hence, IoT is an inevitable component in the remote sensing paradigm. The remotely sensed data becomes huge in nature and analyzing the data in high spatial and temporal resolution becomes a challenging task. Despite rapid advancement in the domains of AI and Machine Learning, learning these complex data still remains as a challenge. Therefore, the machine learning blended with IoT serves as a pivot for handling the remotely sensed data for a wide variety of applications. During the last decade there has been a focus on developing machine learning strategies and techniques for analyzing the spatio-temporal data.

OBJECTIVE

To provide a platform for the researchers in India to interact with international experts in the field. This two days' workshop also will facilitate the participants to delve into the deep intricacies of these domains to meet the challenges with a collaborative research efforts.

WHO SHOULD ATTEND

Target participants are Masters/PhD students and early career researchers from all over the world.

TENTATIVE LIST OF SPEAKERS

- Srija Chakraborty, NASA, Maryland, USA
- Yee Hui Lee, Nanyang Technological University, Singapore
- Ashish Ghosh, ISI Kolkata, India
- Avik Bhattacharya, IIT Mumbai, India
- Debadatta Swain, IIT Bhubaneswar, India

How to apply

Registration will be through Google form and the confirmation will be notified via registered e-mail. Final list of participants will be displayed in the website.

Google form link: <https://forms.gle/npHWLuKAScn93iR17>