

**Department of Agricultural Engineering,
Institute of Agriculture, Visva-Bharati, Sriniketan**
Webinar on “Basics of Geo-informatics for Agricultural Applications”
18.06.2023 (10:00-01:00PM)

About the Webinar

The application of GIS/Remote sensing has been enriched with the progress of high resolution satellites, such as IRS, Landsat, Sentinel series, PlantScope etc. These satellite images enable the professionals, farmers and planners to remotely monitor their farmland. The application of Drone, IOT and variable rate technology supports in taking preventive measures in time preventing crop damage.

All the stakeholder (including students, professionals and farmers) involved in agriculture and allied sector should possess basic knowledge of geo-informatics. The webinar will provide a sound platform to acquire basic knowledge of geo-informatics for agricultural application.

The webinar will be conducted in google platform.

Brief Programme

10:00-10:05	About the Webinar by Dr. Kishore C. Swain
10:10-10:10	Welcome address by the Head, of Department, Agricultural Engineering
10:10-10:15	Introduction of speakers by L. Hangshing
10:15-11:00	Scope of Geoinformatics in Agriculture Ms. Malin Hansepi, GIS Vision India
11:00-11:45	Digital image processing Dr. Bikash Ranjan Parida, Central University of Jharkhand
11:45-12:30	Impact of LULC on streamflow and nutrient load in the Rengali catchment Dr. Ratnakar Swain, NIT Rourkela
12:30-12:45	Discussion session (Dr. Kishore C. Swain/Dr. L. Hangshing)
12:45-01:00	Vote of thanks by Dr. Kishore C. Swain

Participation in webinar

The participants should register themselves with the google form (<https://forms.gle/Z13eUjN4pu8SruSW7>). The webinar link is (<https://meet.google.com/ufm-syhi-kow>). **There will be no registration fee for attending the webinar.** Students, young professionals are requested to attend the webinar.

Organizing Committee:

- Chairman: Prof. Arun Kumar Barik, Head, Department of Agricultural Engineering, Institute of Agriculture, Visva-Bharati, Sriniketan
- Convenor: Dr. Kishore C. Swain, Asst. Professor, Dept. of Agricultural Engineering, Institute of Agriculture, Visva-Bharati, Sriniketan (Mobile: 9800458469)
- Co-convenor: Dr. L. Hangshing, Asst. Professor, Dept. of Agricultural Engineering, Institute of Agriculture, Visva-Bharati, Sriniketan (Mobile: 8787738742)