

About AERC Visva-Bharati

Gurudev Rabindranath Tagore envisioned rural reconstruction through a scientific understanding of village life based on systematic surveys and fieldwork. To implement this vision, he initiated the Sriniketan Experiment in 1922–23 under the supervision of L. K. Elmhirst, aiming to identify village problems, develop practical solutions, and promote self-reliance through research, training, and extension activities. Continuing this legacy, Visva-Bharati established the Agro-Economic Research Centre in 1954 with support from the Government of India. The Centre became permanent in 1990 and fully integrated with Visva-Bharati in 1995, and it now carries forward Tagore's tradition of rural reconstruction in West Bengal, Sikkim, and the Andaman & Nicobar Islands with funding from the Ministry of Agriculture and Farmers' Welfare, Government of India.

How to Apply

Apply through the Google Form link provided in the brochure. Upon submission, you will receive a confirmation email with payment account details from our end. The payment must be completed within 24 hours of receiving the confirmation email, and a payment screenshot must be sent in reply to the same email; failing which, the next applicant will be considered.

For any queries, please call Dr. Sridev Adak (Research Fellow),
Mobile: 8001555056

Purpose of the Workshop

Artificial intelligence and statistical approaches play a vital role in assessing agricultural performance by enabling data-driven analysis, precision farming, yield prediction, and early detection of crop diseases and pests. By integrating AI with statistical methods, agriculture can optimize resource use, reduce environmental impact, and improve productivity and sustainability. This workshop aims to introduce participants to the practical application of AI and data analytics in agriculture through theoretical, empirical, and case study-based sessions. After completing the workshop, participants will gain the skills to use AI-powered tools to analyze agricultural data such as soil, weather, and crop health, supporting informed decision-making and enhanced agricultural performance.

Registration Fees

(only 25 participants to be accommodated on a first-come cum first-served basis)

Who Can Apply	Fees
Faculty Members and Working Professionals	3000
Research Scholars	2000

Deadline for Application: 31st January 2026

Deadline Extended up to: 4th February 2026

Few more seats left

Google Form Link:

<https://forms.gle/zjeGvg5kZxNE9mKv8>



One Week
Workshop

On



*"Artificial Intelligence and
Statistical Approaches for
Assessing Agricultural
Performance"*

(9th to 13th February 2026)

Venue: AERC Visva Bharati



Organized by
**Agro-Economic Research Centre,
Visva Bharati**

In collaboration with
**Division of Statistical Ecology and
Environmental Statistics,
ICAR-Indian Agricultural Statistics
Research Institute,
New Delhi**

Visva-Bharti- World's First Living Heritage University

As Gurudeva noted, Santiniketan is the land of peace and Sriniketan is the land of prosperity, and these are the twin campuses of the University. Visva-Bharati was declared a Central University and an Institution of National Importance by an Act of Parliament in 1951. The President of India is the *Paridarsaka* (Visitor) of the University, the Governor of West Bengal is the *Pradhana* (Rector), and the Prime Minister of India acts as the *Acharya* (Chancellor). The President of India appoints the *Upacharya* (Vice-Chancellor) of the University. The institution is renowned for its emphasis on holistic learning, artistic expression, rural reconstruction, and international collaboration. In recognition of its unique cultural and educational heritage, Santiniketan, the campus, is declared a UNESCO World Heritage Site, acknowledging its outstanding universal value as a living centre of learning, creativity, and cultural dialogue.



Resource Persons

- 1. Dr. S.K. Bhaumik**
Former Director, Patliputra
School of Economics, Patna
- 2. Dr. Sandip Mitra**
Professor
Sampling and Official Statistics
Unit, ISI, Kolkata
- 3. Dr. Ranjit Kumar Paul**
Senior Scientist &
National Fellow
ICAR-IASRI, New Delhi
- 4. Dr. Santadas Ghosh**
Associate Professor
Deptt. of Economics and Politics
Vidya Bhavana, Visva-Bharati
- 5. Dr. Md. Yeasin**
Scientist
ICAR-IASRI, New Delhi



FOCUSED TOPICS

1. Sample Design for Primary Survey
2. Basics of Primary Survey
Questionnaire
3. Data in Indian Agriculture: Analysis
4. Hands-on Training in Data Analysis
5. Introduction to Statistical Software
6. Descriptive Statistics and Test of Hypothesis.
7. Correlation and Regression Analysis
8. Time Series Analysis.
9. Machine Learning Models.
10. Practicals on Machine Learning Models
11. Principles of Econometrics: A Modern Approach Using Stata/Eviews
12. Hands-on Training in Econometrics

