

ONE WEEK INTERNATIONAL WORKSHOP ON

# Skill Development through Impact Analysis of Emerging Data with Agricultural Technology in Population Sciences



ORGANIZED BY:

DEPARTMENT OF AGRICULTURAL STATISTICS AND DEPARTMENT OF AGRICULTURAL ENGINEERING  
ASSAM AGRICULTURAL UNIVERSITY

AND

INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE (IASRI), INDIAN COUNCIL OF AGRICULTURAL RESEARCH

DATE OF COMMENCEMENT OF WORKSHOP: FEB 15 – 21, 2022



ASSAM AGRICULTURAL UNIVERSITY

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## **ABOUT THE DEPARTMENTS**

### **DEPARTMENT OF AGRICULTURAL STATISTICS**

The Department of Agricultural Statistics came into existence in 1988. Initially, the Department was combined with the Department of Mathematics and Physics under the Headship of Dr Lakhinandan Bora. In 1988, the Department of Physics, Mathematics and Statistics was separated into the Departments of Agricultural Meteorology and Agricultural Statistics. Dr. B. K. Bhattacharya was the first head of this Department. The Department was established with the aim to train the students and to promote the knowledge of statistics and contribute towards research work in the Agricultural field. Since its inception, the Department has been offering courses for Under Graduate classes and supporting courses of P.G. and Ph.D. levels of different disciplines for the faculties of Agriculture, Community Sciences, College of Horticulture and Sericulture. The Department started its own M.Sc. programme in Agricultural Statistics in 1994 along with elective courses in U.G programme.

### **DEPARTMENT OF AGRICULTURAL ENGINEERING**

Agricultural engineering is the engineering discipline that applies engineering science and technology to production, processing, preservation and handling of food, feed and fibre. Agricultural engineering combines the disciplines of animal biology, plant biology, and mechanical, civil, electrical and chemical engineering principles in: design of agricultural machinery, equipment, and agricultural structures, internal combustion engines as applied to agricultural machinery, agricultural/natural resource management (including land use and water use) water management, conservation, and storage for irrigation and livestock production soil management and conservation, including erosion and erosion control seeding, harvesting, and processing of crops waste management, including animal waste, agricultural residues, and fertilizer runoff food engineering and the processing of agricultural products· bio resource engineering and rural energy.

## **ABOUT THE WORKSHOP**

Investing in the education and training of young people is becoming more important as the challenges associated with adopting sustainable, climate-smart production methods and linking up with marketing opportunities in modern value chains are growing. The increasing engagement of multinational and national companies in Agricultural production chains – along with increased consumer sensitivity to global issues of sustainability and poverty reduction – means that opportunities for young people to engage in agriculture today and in the future are arguably greater than was the case for their parents. At the same time, however, greater competition and more demanding quality standards at the market side – and more competition over scarce natural resources, including land, from the production side – imply the need for these young people to develop a range of skills and knowledge that have not always been readily accessible in rural areas. To achieve this goal the following objectives have been selected:

- i. Skill development of population by the impact of agricultural technology adaptation
- ii. Emerging data of population development
- iii. Assessing the impact of the agricultural technology on development of population
- iv. Data based study for future prospects in population sciences

We expect the workshop will bring in an ensemble of thinkers and researchers together. We expect it to provide a way forward for the development policies related to the population which depend on agriculture as the primary source of income.

## **PARTICIPANTS**

Participation is expected from University or College Teachers, Research Scientists and Research Scholars from North-East region preferably engaged in Agricultural sector. Out of the total participants, 40% will be reserved for SC category under SC-SP scheme of IASRI. On 3<sup>rd</sup> day of the workshop, *i.e.*, on **February, 17, 2022**, a module titled **“Skill Development for Youths through Data and Technology”** under NAHEP programme will be specifically dedicated to the U.G. students (20 nos. of participants) of Assam Agricultural University.

Participants will be shortlisted after the last date for submission of application form. Last date for submission of application form is on or before **January 14, 2022** and after shortlisted, the last date for fee payment is **January 20, 2022**. Registration fees for participants are as under:

**University/College Teachers/Scientists= INR 1500**

**Research Scholars= INR 1000**

**Student’s fee will be sponsored by NAHEP.**

Participants during the working days will be provided breakfast, lunch and evening tea absolutely free of cost but no accommodation will be provided. However, if accommodation is required, participants shall need to inform the organizing committee within last week of January, 2022 so that arrangement can be made with extra payment from the participants.

**Certificates will be provided on the basis of 100% attendance of the participants.**

## Link for Registration:

<https://docs.google.com/forms/d/1dxUMrlIfVqb3CniMdOHh6zIbZx7q4KFLyigY2aY701c/edit>

## Link for Registration of Students:

[https://docs.google.com/forms/d/1zbqRTXK\\_WgrsmGP-y94v8wXZxxQStM5gLLZWZnC2478/edit](https://docs.google.com/forms/d/1zbqRTXK_WgrsmGP-y94v8wXZxxQStM5gLLZWZnC2478/edit)

Co-  
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Organizing  
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REGISTRATION FORM

ONE WEEK INTERNATIONAL WORKSHOP ON:

*Skill Development through Impact Analysis of Emerging Data with Agricultural  
Technology in Population Sciences*

(February 15 – February 21, 2022)

ORGANISED BY: DEPARTMENT OF AGRICULTUARL STATISTICS AND  
DEPARTMENT OF AGRICULTURAL ENGINEERING, AAU, JORHAT-13

Name: .....

Designation: .....

Affiliation Department and Institution/Organisation: .....

Do you belong to Scheduled Caste (SC): .....

Address for Correspondence : .....

Email: .....

Phone Number: .....

(Signature of the Participant)

**For the Students of AAU**  
**REGISTRATION FORM**

**ONE DAY WORKSHOP ON:**  
**Skill Development for Youths through Data and Technology**  
**(February 17, 2022)**

**ORGANISED BY: DEPARTMENT OF AGRICULTUARL STATISTICS AND  
DEPARTMENT OF AGRICULTURAL ENGINEERING, AAU**

**Sponsored by: NAHEP, AAU, Jorhat-13**

Name: .....

Current Year and Semester: .....

Affiliation Department and College: .....

Address for Correspondence : .....

Email: .....

Phone Number: .....

(Signature of the Participant)