



**74th Annual Conference
of
Indian Society of Agricultural Statistics**

on

**Harnessing Statistics and Artificial Intelligence
for Sustainable and Smart Agriculture**

February 02-04, 2024

Organized by

**Department of Agricultural Statistics,
N.M. College of Agriculture,**

Navsari Agricultural University, Navsari, Gujarat

About Navsari Agricultural University, Navsari

The iconic educational and farmers welfare Institute of South Gujarat, Navsari Agricultural University (NAU) Campus is located 3 km west of Navsari city which came into existence with the promulgation of Gujarat Agricultural University Act 2004 on May 01, 2004. The Campus communities various graduate and postgraduate colleges in faculties of Agriculture, Forestry, Horticulture and Agribusiness Management. Since its inception, NAU has made remarkable progress in education, research, and extension education. Navsari is a district place in Gujarat that is easily accessible by road, rail, and air from all major cities of India. It is 38 km away from Surat, a major industrial corridor connected by road and railways. The nearest airport is Surat, which is 40 km from Navsari. The Salt March taken up by Mahatma Gandhi in 1930 ended at Dandi, a coastal village 13 km west of Navsari where the National Salt Satyagraha Memorial is located.

About Indian Society of Agricultural Statistics

India is proud of its heritage eminent Statisticians who contributed significantly to the welfare of humanity in India and abroad. Due to their untiring efforts, Agricultural Statistics in the country stands on a sound footing. Recognizing the efforts of Statisticians and the importance of statistics in agricultural research, the Indian Society of Agricultural Statistics was founded on January 03, 1947 with the then Agriculture Minister, Dr. Rajendra Prasad as its Founder President. Dr. Rajendra Prasad continued to preside over the activities of the Society for 16 years even after becoming the President of the Republic of India. The basic objective of the Society has been to disseminate research conducted in Agricultural Statistics to meet the challenges in agricultural research in the country. As per the need to meet the challenges, Informatics along with Agricultural Statistics has also been encompassed in the ambit of the Society. The Society publishes "Journal of the Indian Society of Agricultural Statistics" with ISSN 0019-6363 which serves as a vehicle for the researchers in Statistical Sciences to disseminate their research work aimed at the overall development of agriculture in the country. This is a unique journal that encourages applied research in Statistics with applications focused on enhancing the quality of agricultural research.

About the Conference

In association with the Indian Society of Agricultural Statistics (ISAS), the Department of Agricultural Statistics, N.M. College of Agriculture, Navsari Agricultural University, Navsari is organizing the 74th ISAS Annual Conference at Navsari, district of Gujarat, India, during February 02-04, 2024. The theme of the Conference is **Harnessing Statistics and Artificial Intelligence for Sustainable and Smart Agriculture**.

Sustainable and Smart agriculture is a rapidly growing field that aims to increase productivity of different sectors of agricultural sciences while minimizing environmental impact. Harnessing Statistics and Informatics along with artificial intelligence (AI) tools is key to achieving this goal. By leveraging these technologies, farmers can make more informed decisions about planting, irrigation, fertilization, and pest control. This can lead to higher productivity, lower costs, and reduced environmental impact. This can lead to new insights and innovations that further improve the sustainability and efficiency of smart agriculture.

The Conference aims to bring together experts in the field of agriculture statistics and computer applications, data analytics and artificial intelligence to discuss the role of these technologies in promoting sustainable and smart agriculture. The Conference will provide a platform for researchers, policymakers, and industry experts to share their knowledge and experiences in the field of agriculture. The Conference will help in identifying new opportunities for research and development in the field of agriculture. It will also help in identifying new ways to promote sustainable agriculture practices that are equitable and beneficial for all stakeholders involved. Overall, the Conference is an important step towards promoting sustainable agriculture practices that are essential for the future of our planet.

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Memorial Lectures

1. 57th Dr. Rajendra Prasad Memorial Lecture
2. 42nd V.G. Panse Memorial Lecture
3. Dr. Ramjibhai Patel Memorial Lecture

Memorial Sessions

1. Dr. M.S. Swaminathan Memorial Session
2. Dr. C.R. Rao Memorial Session
3. Dr. Prem Narain Memorial Session

Celebrations

1. Dr. M.N. Das Centenary Celebrations

Technical Sessions

The Conference invites participants to submit their research contributions as **contributory paper presentation**, **Poster presentations**, **student presentations** pertaining to the theme of the Conference by email at: isas74.nau@gmail.com. The abstract of the paper submitted should be with a maximum of 250 words (Times New Roman, 12pt).

Presentation Guidelines

Oral presentation: The oral presentation of contributory papers will be restricted to 10 minutes duration. Participants are requested to follow time limit and prepare their presentations accordingly in MS PowerPoint.

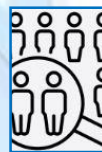
Poster presentation: There will be structured and organized poster session to encourage the participants. The best poster in each session will be considered for award. Poster size should be **1.25 m x 1.00 m**. The area and necessary materials for poster display will be provided.



Statistics Footprints in Agriculture



Artificial Intelligence for Transforming Agriculture



Survey Methodology for Field Crop Yield Estimation



Forewarning and Forecasting Modelling for Crop Production and Health Monitoring



Modern Statistical Designs and tools for Effective Experimentation



Achievable-Relevant-Time bound (ART) Agricultural Informatics



Translational-Omics Research



Aligning Statistical Sciences in NEP 2020



Current Status and Challenges in Official and Horticultural Statistics

Registration & Accommodation

The registration fee can be paid through online mode. Bank details are given as:

Account Name: 74th Annual Conference of ISAS

Account no.: 00000042407438598

Name of Bank: State Bank of India

Bank IFSC: SBIN0003889

Branch: Navsari. agri. University

UPI ID: 42427438598@sbi



Link for Registration

<https://forms.gle/thcXGPdbCXJeMUf3A>

Note: Screenshot/receipt to be uploaded in the registration form

Indian Delegates	Rs. 5000/-
Indian Students/Research Scholars	Rs. 2000/-
Accompanying Persons	Rs. 3500/-

*A certificate from the Head of the Department or supervisor is required along with the registration fee to claim the student's/ research scholar's registration fee. Accompanying persons will not be provided the conference kit. Registration is compulsory for all including invited speakers.

This fee covers the cost of conference kit, lunch and sessional tea. The out-station participants will be provided with the boarding and lodging facilities on sharing basis and as per availability in the University Guest House. The boarding and lodging charges shall be borne by the participants.

Last date for registration/paper submission is 16 January 2024.

Invitation

On behalf of the Organizing Committee and Indian Society of Agricultural Statistics, New Delhi, you are invited to attend 74th Annual Conference of the Indian Society of Agricultural Statistics being organized by Department of Agricultural Statistics, N.M. College of Agriculture, Navsari Agricultural University, Navsari, Gujarat during February 02-04, 2024. Kindly confirm your participation by filling up the Registration form. For more details, visit www.isas.org.in

Contacts

Dr. Alok Shrivastava

igkvalok@nau.in

isas74.nau@gmail.com

+919424242849

Dr. Yogesh Garde

y.garde@nau.in

+918469764778

Dr. Nitin Varshney

nitin.caw@nau.in

+9157548912

Nearest Tourist Places

Saputara, Dang,

120 Kms



Statue of Unity,

175 Kms



Salt Satyagraha, Dandi,

12 Kms



Thithal Beach, Valsad, 60 Kms

