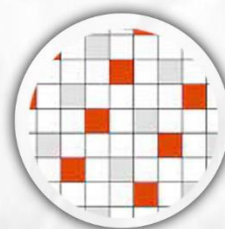




**One Day Seminar
on
“Sample Size and Sampling Methods in
Agriculture and Allied Sciences”**

Date : 30th June , 2023



Organized by
Centre for Agricultural Market Intelligence under NAHEP – CAAST
International Agri-Business Management Institute
Anand Agricultural University, Anand

In Collaboration with
Dept. of Agricultural Statistics, B. A. College of Agriculture, AAU, Anand

About the Seminar

National Statistics Day is commemorated every year on June 29, in India in the memory of Prasanta Chandra Mahalanobis on his birth anniversary. Prof. Mahalanobis, an eminent Indian statistician and economist who made significant contributions to the field of statistics and played a crucial role in shaping India's statistical system. His contributions to statistics and his efforts to promote the use of quantitative methods in policy making have had a lasting impact in India and beyond. His pioneering work continues to be celebrated, and his legacy as a visionary statistician and economist remains influential in the field to this day.

Mahalanobis also contributed to a statistical measure used to evaluate the similarity between two data points or observations known as the Mahalanobis D^2 statistic which is popular in genetics and multivariate statistics.

Sampling techniques play a crucial role in research, allowing selection of a subset, or sample, from a larger population to gather information and make inferences about the entire population. An optimally chosen sample leaves significant impacts on the cost, efficiency and effective utilization of resources.

Scholars in the Agriculture and allied fields often face challenges in determining adequate sample size and appropriate sampling methods. Considering this as the need of the hour, Department of Agricultural Statistics, BACA and Centre for Agricultural Market Intelligence, NAHEP-CAAST at Anand Agricultural University are hosting a One Day Seminar on "Sample Size and Sampling Methods in Agriculture and Allied Sciences" focusing research scholars, faculty members and scientific community.

About Centre for Agricultural Market Intelligence, NAHEP- CAAST:

Anand Agricultural University has been awarded an ICAR- World bank funded project to establish Centre for Agricultural Market Intelligence. The major objectives of this project include price forecasting and behavior, export competitiveness, evaluation of e-NAM, market institutions and capacity building of faculty, students, farmers and other stakeholders. Experts from country's premium institutes including Institute of Rural Management (IRMA), Indian Space Research Organization (ISRO), National Cooperative Dairy Federation of India (NCDFI) and Western Sydney University, Australia and The Papua New Guinea University of Technology are associated with the project. Centre for Advanced Agricultural Science and Technology (CAAST) is a student centric subcomponent of the World Bank sponsored National Agricultural Higher Education Project (NAHEP) granted to AAU, Anand to provide a platform for strengthening educational and research activities of post graduate students as well as faculties.

Objectives:

- Determination of adequate sample size in different research scenario
- Selection of appropriate sampling methods for varying setups
- Sample survey and its importances in research



Prof. P. C. Mahalanobis

June 29, 1893 - June 28, 1972

Eligibility:

Interested candidates preferably; Masters - Doctoral students and faculties of concerned disciplines are requested to apply through online registration process.

Registration:

- No fee is to be paid for registration. The selected participants will be informed through email only.
- Certificates will be provided to the registered participants.
- No TA/DA will be paid by the host institute.
- Accommodation will be provided as per availability.

Registration link: <https://forms.gle/aWc33UdmHDPD4oE16>



:: Venue :: Auditorium, B. A. College of Agriculture, AAU, Anand

:: Schedule ::

Time	Topic	Expert	Coordinator
30-06-2023			
08:30-09:15 hrs. :: Registration and Breakfast ::			
Inaugural Session 09:30 -11:00 hrs.	Address by Chief Guest and Keynote Speaker: Overview and Significance of Sampling in Agricultural Research	Dr P R Vaishnav Former Principal & Dean Retd. Prof. and Head (Ag. Stat.) BACA, AAU, Anand	Dr. R. S. Pundir Dr. A. D. Kalola
Technical Session I 11:00-12:30 hrs.	Recent Trends in Sampling Techniques	Dr B V Sisodia Former Professor and Registrar Narendra Deva University of Agriculture and Technology, Ayodhya, UP	Dr. V. B. Darji
12:30-14:00 :: Lunch Break ::			
Technical Session II 14:00-15:30 hrs.	Determination of Optimum Sample Size in Research Problems	Dr Amrender Kumar Incharge, Principal Scientist Agril. Knowledge Management Unit (AKMU) IARI, New Delhi	Dr. A. N. Khokhar
Technical Session III 15:30-17:00 hrs.	Significance of Sample Survey in Research	Prof. Muralidharan Kunnummal Department of Statistics, Faculty of Science M S University, Baroda, Gujarat	Dr. D. J. Parmar
17:00-17:10 hrs.	Vote of Thanks		Dr. A. N. Khokhar

Organizing Committee

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