



Chaudhary Charan Singh Haryana Agricultural University

A+ Grade Accredited by NAEAB of ICAR

Capacity Building Programme on

Statistical Tools for Data Analysis in Agricultural and Social Science Research

(May 06-19, 2025)

Sponsored by :

**Indian Council of Social Science Research (ICSSR)
New Delhi**

Organized by

**CCSHAU College of Agriculture Bawal
Rewari-123501, Haryana, India**



Two Week Capacity Building Programme on Statistical Tools for Data Analysis in Agricultural and Social Science Research

About the University

Chaudhary Charan Singh Haryana Agricultural University located at Hisar in the Indian state of Haryana named after India's seventh Prime Minister, Chaudhary Charan Singh is one of the biggest agricultural universities of Asia that has made a special niche at global level. It has been accredited with A+ grade by NAEAB of ICAR. The University came into existence on February 2, 1970 through an Act of Parliament to fulfil the mandates of teaching, research, and extension. The University is a leader in Agricultural research, in developing new technologies like conservation agriculture, direct seeded rice, herbicide resistance management for overall improvement in the crop productivity of the state. With the evolution of 283 varieties of various crops including cereals, pulses, oilseeds, fiber and sugar crops, vegetables and fruit crops. CCSHAU has been constantly upgrading itself by embracing new technologies and entering partnerships with Premier National and International Institutions. MoUs/Agreements have been signed for collaboration with international institutes in USA, UK, Australia, Czech Republic, Poland, New Zealand, Philippines, Kazakhstan and Tanzania to pave the way for scientific and academic excellence. The University is contributing significantly towards achieving nutritional security, sustainability, wellness and is open for new partnerships in research, teaching and extension. There are nine constituent colleges/ institute of the university, namely, College of Agriculture (Hisar, Kaul and Bawal), College of Agricultural Engineering and Technology, College of Basic Sciences and Humanities, IC College of Community Sciences, College of Fisheries Sciences & College of Biotechnology at Hisar and Institute of Business Management and Agripreneurship (Gurugram) that offers undergraduate and postgraduate programme. The postgraduate programs comprising masters in 43 disciplines including MBA, Agri-business and Rural Management and Doctor of Philosophy in 39 disciplines including Management and Agri-businesses



About the College

The College of Agriculture, Bawal was established in 2015 as a constituent college of Chaudhary Charan Singh Haryana Agricultural University, Hisar. It aims to provide agricultural education to rural students in the resource-poor districts of Haryana. With a focus on academic, research and extension need, the college has undergraduate, post-graduate, and PhD students. The college lies in Bawal (a municipality in Rewari district) which is in the National Capital Region of India. It is situated on national highway NH 48, approximately 14 km from Rewari city, 100 km from Delhi, and 185 km from the university campus in Hisar. The college spans across 248 acres, encompassing academic buildings, hostels, research facilities, playgrounds, roads, and students' farm. The college boasts excellent infrastructure facilities, including video-conferencing, multimedia classrooms, well-equipped laboratories, seminar room, computer & language lab. The NSS unit and various co-curricular activities for the holistic development of students are also well placed in the college. All students are required to register for at least one game/cultural activity and participate in NSS/NCC. The college has dedicated and competent faculty members who impart quality education in different disciplines of agriculture and allied fields.



About the Course

The course comprises classroom lectures and hands-on sessions. The course covers statistical tools, methodologies, and software packages focusing mostly on statistical challenges in agricultural and social science research. Keeping this in mind, following objectives will be achieved during the course.

Objectives

- To acquaint the participants with the most recent developments in statistical methods for data analysis so that they can draw reliable conclusions from their research.
- To provide practical case studies and examples to demonstrate the application of statistical packages in solving real-world challenges.
- To train the participants in interpreting data accurately and effectively.

Broad Themes

- Introduction to statistics and its role in agriculture and social sciences
- Data analysis and visualization with SPSS/Excel
- Introduction to R for statistical data analysis
- Overview of research tools and e-library and available resources
- Regression analysis and time series analysis
- Data analysis/ visualization with Python
- Design of experiments
- Meeting the challenges in teaching: NEP 2020
- Technical Publication & Information Cell (TPIC)
- Designing of format for collecting data in social science

Resource Persons

The resource persons from different parts of the country representing the leading institutions/universities will provide expertise in the training programme.

Duration of the Programme

The Capacity Building Programme has been scheduled for two weeks, from May 06- 19, 2025.

Eligibility for the Participants

The participants should be a Lecturer/ Assistant Professor (in agricultural/ social science/ allied science) in a UGC/ICAR recognized Indian university/deemed university/College/institutes of national importance and ICSSR Research Institutes/ Recognized Institutes and their application should be duly forwarded by the parent institution.

Registration Fee

The CBP is fully sponsored by ICSSR, New Delhi, hence, no fee will be charged from the participants.

Accommodation and Travel Allowances

- Accommodation will be provided to the outstation participants only
- Breakfast, Lunch, Dinner and Refreshments for all participants will be served
- Travel allowances for the shortest distance will be reimbursed to the outstation participants only as per the ICSSR guidelines (AC 3 tier) and will be subject to the production of original tickets.
- No local conveyance would be reimbursed.

Guidelines for the Participants

- The filled-in application (format enclosed) along with the candidate's CV and a copy of caste certificate (if any), and a certificate duly forwarded by his/her HOD/Principal/Head of the Institute (format enclosed) should reach us (offline or online mode) latest by April 10, 2025.
- For further information or to download the application form, see our website: <https://www.hau.ac.in>
- Shortlisted candidates will be intimated by April 20, 2025.
- Certificates will be issued to participants after full attendance and assessment in the course.
- Participants have to bring their own laptops.

Important Dates & Venue

| | |
|---|---------------------|
| Last date for the receipt of application form | : April 10, 2025 |
| Confirmation to be communicated | : April 20, 2025 |
| Course Dates | : May 06 - 19, 2025 |

Address for Submitting Application

Email : cbpcoabawal@gmail.com
 By post : Dr. Alisha, Asstt. Professor
 CCS HAU College of Agriculture, Bawal-123501, Rewari, Haryana

CCS Haryana Agricultural University
College of Agriculture, Bawal, Rewari- 123501
Phone No: 01284-297124 | Mobile no. 8950138848



Chaudhary Charan Singh Haryana Agricultural University

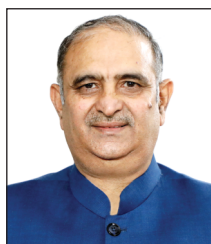
A+ Grade Accredited by NAEAB of ICAR

College of Agriculture Bawal, Rewari, Haryana

Organizing

Two Week Capacity Building Programme on
Statistical Tools for Data Analysis in Agricultural and Social Science Research

Organising Committee



Chief Patron

Prof. B. R. Kamboj

Hon'ble Vice-Chancellor
CCS HAU, Hisar

Patron
Dr. S. K. Pahuja

Dean
College of Agriculture, Hisar



Course Director

Dr. Naresh Kaushik

Principal
CCS HAU, COA, Bawal

Co-Course Director

Dr. Alisha

Assistant Professor
CCS HAU, COA, Bawal



Organizing Team Members

Dr. Parshant Chauhan, Asstt. Professor, Plant Pathology, CCSHAU, COA, Bawal

Dr. Parveen Kumar, Asstt. Professor, Agril. Economics, CCSHAU, COA, Bawal

Dr. Charan Singh, Asstt. Professor, Agril. Engineering, CCSHAU, COA, Bawal

Dr. Tanvi, Asstt. Professor, Microbiology, CCSHAU, COA, Bawal

Dr. Yogesh Kumar, Asstt. Professor, Agril. Meteorology, CCSHAU, COA, Bawal

Dr. Bharat Jain, Asstt. Professor, Genetics & Plant Breeding, CCSHAU, COA, Bawal

Dr. Abhishek, Asstt. Professor, Computer, CCSHAU, COA, Bawal



ICSSR Sponsored

**Two Week Capacity Building Programme on
“Statistical tools for data analysis in agricultural and social science research”**

(May 06 - 19, 2025)

Organized By

CCS HAU College of Agriculture, Bawal, Rewari

Registration Form

| | |
|---|-------|
| 1. Name (in capital letters): _____ | Photo |
| 2. Designation & Department: _____ | |
| 3. Name of Institution/ College / University: _____ | |
| 4. Mobile No: _____ | |
| 5. E-mail id : _____ | |
| 6. Date of Birth: _____ | |
| 7. Educational Qualifications: _____ | |
| 8. Gender: _____ | |
| 9. Social Category (General/SC/ST/OBC candidates): _____ | |
| 10. Marital Status: (Married/ Unmarried): _____ | |
| 11. Lectureship exam qualified (NET/SET/SLET/Not Cleared): _____ | |
| 12. Ph.D. programme (Completed/Ongoing/Not Yet Registered) : _____ | |
| 13. Topic of Ph. D. work/ Area of Specialization: _____ | |
| 14. Have you attended any similar Capacity Building Programme during the last one year? _____ | |
| 15. Accommodation required: Yes/No: _____ | |

Date:

(Signature of applicant)

Recommendation of Forwarding Authority

I recommend Dr./Mr./Ms.....working
as.....(Designation).....(Department)
.....(Institute/University/college) to attend the “Two Week Capacity Building
Programme on Statistical tools for data analysis in agricultural and social science research” being organised
by CCS Haryana Agricultural University, College of Agriculture, Bawal-123501, Rewari, Haryana. In case of
selection, he/she will be relieved on time to participate in the above Programme.

Date:

Signature of the Head of the Institution with official Seal