

About the Workshop:

Statistics is the science of collection, presentation, analysis and interpreting of numerical data. The methods of statistics are often used to set the objectives, design an experiment, data collection, understanding data, analysis of data and drawing significant conclusions there from. Statistical tools and techniques play a key role in the development and refinement of many technologies in agricultural research. It provides credibility to the research findings. With continuous advancement of statistical tools and computational system, the researchers feel enabled to collect, analyse and visualize the large datasets. Rapid evolution in the field of science and technology has led to the development of R programme as one of the most popular programming languages. R is the language of statistics. Statistical tools play an important role in the analysis of large number of data generated from different sector of agriculture. R is an open-source programming language that work across platform and can run on all operating system. It is the rich source of packages that is freely available for data wrangling, stastical analysis, quality plotting and graphing.

Therefore, the demand of the current era is to contemporize the scientific community with the advanced statistical tools such as R programme, in order to streamline the research and methodology in agriculture sector. The aim of proposed training programme is to make the participants familiar with the R programme as a basic statistical tools to meliorate the research community.

Patron:

Dr. P.S. Pandey
Hon'ble Vice Chancellor
RPCAU-Pusa

Guest of Honor:

Dr. Seema Jaggi
Assistant Director General (HRD)

Convener:

Dr. V. K. Sharma
Dean CBSH, RPCAU, Pusa

Co-Convener

Dr. Mahesh Kumar
Head, Department of BS&L(SMCA, P&L)
CBS&H, RPCAU, Pusa

Organising Secretary:

- Dr. Mahesh Kumar, Head, Department of BS&L(SMCA, P&L), CBS&H, RPCAU, Pusa
- Dr. Nidhi, Assistant Professor, Department of BS&L(SMCA, P&L), CBS&H, RPCAU, Pusa
- Dr. Sarita Kumari, Assistant Professor, Deptt. of AB&MB, CBS&H, RPCAU, Pusa
- Sri. Sudhir Paswan, Assistant Professor Department of BS&L(SMCA, P&L), CBS&H, RPCAU, Pusa
- Dr. Sumeet Kumar Singh, Assistant Professor, Deptt. of Seed Science and Technology, TCA, Dholi, RPCAU, Pusa
- Dr. Kumari Anjani, Assistant Professor, Deptt. of AB&MB, CBS&H, RPCAU, Pusa
- Dr. R. K. Choudhary, Assistant Professor, Agricultural Statistics, TCA- Dholi. RPCAU, Pusa

Theme Areas:

Module I: Basic Statistical Tools

Module II: Design of Experiments

Module III: Statistical Modelling & Other Statistical Techniques

Resource Person:

- Ranjit Kumar Paul, Senior Scientist, ICAR-IASRI, New Delhi
- Prakash Kumar, Senior Scientist, ICAR-IASRI, New Delhi
- Mrinmoy Roy, Scientist, ICAR-IASRI, New Delhi
- Raju Kumar, Scientist, ICAR-IASRI, New Delhi
- Rohan Kumar Raman, Scientist, ICAR-RCER, Patna, Bihar



"I have a great subject (statistics) to write upon, but feel keenly my literary incapacity to make it easily intelligible without sacrificing accuracy and thoroughness.
-Sir Francis Galton

**Application Form
(Only for RPCAU, Scientists / Faculties)
Workshop on Statistical Tools Using
R- Programme
18th - 20th August, 2023**

1. Full Name:
2. Designation:
3. Department / Unit:
4. Discipline:.....
5. Correspondence Address:
-
6. Permanent Address along with Contact Details (Emails, Telephone, Mobile, etc.):
.....
.....
7. Date of Birth:
8. Sex (M/F):
9. Teaching/Research/Professional Experience (for last five years):
10. Please mention similar training programme attended, if any (for last five years):.....
11. Level of knowledge in Statistics and Computers:

(Signature of the Applicant with Date)

12. Recommendations of the forwarding Institute/ College:

(Signature of the Forwarding Authority with Seal and Date)

Certificate: It is certified that the information furnished above is correct.

Note: 1. No TA/ DA will be provided.

2. Participants are required to carry personal laptop.

(Signature of the Dean/Director Authority with Seal and Date)



**Workshop on Statistical Tools Using R
Programme**

18th -20th August, 2023



**Dr. Rajendra Prasad Central Agricultural University,
Pusa, Samastipur, Bihar-848125**

<https://www.rpcau.ac.in>



**Organized by Department of BS&L (SMCA,
P&L), CBS&H, RPCAU,
Pusa, Samastipur, Bihar, India**