



NAHEP-IDP



*Jointly organizing*

one week training on

# STATISTICAL ANALYSIS OF AGRICULTURAL DATA USING R

DATE:

30 JAN - 04 FEB, 2023

TIMINGS : 9.00 AM - 5.00 PM



## Organizers

### Course Director

**Dr. R. K. Mesta**  
Principal Investigator,  
NAHEP-IDP, UHS Bagalkot

### Course Coordinator

**Dr. Sarvamangala Cholin,**  
Asst. Prof. CoH, Bagalkot &  
Co-PI, NAHEP-IDP, UHS Bagalkot

## Co-Coordinators

**Dr. Santosha Rathod,**  
Scientist (Ag. Statistics),  
ICAR-Indian Institute of Rice  
Research, Hyderabad

**Dr. Naveena K.**  
Scientist B, Land & Water  
Management, Research Group,  
CWRDM, Kozhikode, Kerala

Offline  
Mode

**Venue : E-Studio, UHS, Bagalkot**

**Registration Fees:**

**UHSB: Rs. 200/-**

**Non UHSB : Rs. 500/-**

**Last Date: 29 Jan, 2023**

**<https://forms.gle/1J9EeEnyjZ6iKyg5A>**



**Online!**  
REGISTRATION

# Course Highlights



- R Installation Guide
- Introduction to R
- Data Visualization through ggplot2
- Data Manipulation using Tidyverse
- Basic Statistics in R
- Testing of hypothesis
- Correlation Analysis
- Regression Analysis
- Time Series Analysis
- Trend analysis, Breakeven Point Analysis
- Design of Experiments - Basic
- Discrete TS Modeling
- Introduction to Machine Learning Regression
- Classificatory Machine Learning Models
- Stability and G\*E Analysis
- Design of Experiments - Advance
- Data Classificatory Techniques:- Cluster analysis
- Data Classificatory Techniques:- Discriminant Function Analysis
- Data Reduction Techniques: Factor analysis
- Meta-Analysis

Note

\*Kindly bring laptops for effective learning

Faculty and PG/Ph.D  
students of all farm  
universities can  
participate\*

R Courses  
Learn R  
Programming



## Contact Details:

- Dr. Sarvamangala Cholin, Course Co-ordinator : 73533 65622
- Dr. Vennila M., Research Associate : 78457 52235
- Dr. Suhasini S. Chikkalaki, Young Professional : 74114 83540

\* Limited seats are available