

## ABOUT THE TRAINING

Field experiments generate valuable data, but the right analysis turns data into meaningful conclusions. This training aims to build hands-on skills in statistical design, analysis and interpretation for field experiments in fisheries, agriculture, environmental and allied sciences.



### WHO CAN PARTICIPATE?

Researchers, Scientists, Students (UG/PG/PhD), Extension personnel, Technicians and professionals involved in field data collection and analysis.



### DATE

07-11 September, 2026



### DURATION

05 days



### CLASS TIMING

02:30-05:00PM



### PROGRAMME MODE

Virtual Mode

### REGISTRATION FEE

Registration fee : Rs. 3000/-

## PROGRAMME HIGHLIGHTS

- ✓ Basics to advanced statistical methods for field experiments
- ✓ Design of experiments - CRD, RBD, LSD, Factorial, Split Plot, etc.
- ✓ Hands-on sessions with real field data
- ✓ Interpretation, reporting and visualization
- ✓ Practical exercises and case studies
- ✓ E-Certificate to all participants

### MAJOR TOPICS

- Experimental Design in AI/ML perspective
- Principles of Experimental Design
- Sampling and Randomization
- Descriptive Statistics
- Analysis of Variance (ANOVA)
- Post-hoc Tests and Multiple Comparisons
- Regression and Correlation Analysis
- Non-parametric Tests
- Data Transformation
- Graphical Representation of Data
- Report Writing and Interpretation

### RESOURCE PERSONS

Eminent Scientist and Statistician from ICAR Institutes

### COURSE CONVENER

Dr. Kajal Chakraborty  
Director, ICAR-NBFGR, Lucknow

### COURSE DIRECTOR

Dr. Achal Singh, Principal Scientist, ICAR-NBFGR

### COURSE COORDINATORS

Dr. Santosh Kumar  
Dr. Aditya Kumar  
Dr. Raghvendra Singh  
Dr. Monika Gupta  
Shri Ravi Kumar



21-25 September, 2026

Online  
TRAINING PROGRAMME ON

# APPLIED STATISTICAL TECHNIQUES IN FIELD EXPERIMENTS

Plan • Analyze • Interpret • Apply  
for Better Decisions



*Towards conserving aquatic genetic resources for sustainable livelihood and nutritional security*



ICAR-National Bureau of Fish Genetic Resources, Lucknow



## REGISTRATION FORM

# Applied Statistical Techniques in Field Experiments



PROGRAMME MODE

Virtual Mode

21-25 September, 2026



CLASS TIMING

02:30-05:00PM

ICAR-National Bureau of Fish Genetic Resources, Lucknow



### PARTICIPANT DETAILS

Name (Dr. / Mr. / Miss / Mrs.) : .....  
 Designation : .....  
 Date of Birth : .....  
 Educational Qualification : .....  
 Professional Experience : .....  
 Present area of work : .....  
 Mailing Address : .....  
  
 E-Mail ..... Fax: .....  
 Phone: (O) ..... (R) ..... (M) .....



### TRAINING FEE MAY BE PAID EITHER



- Online through  
ICAR-NBFGR website  
(<https://www.nbfgr.res.in:801/>)

OR

- Through NEFT/IMPS to ICAR-NBFGR account  
having following details:

▶ Name of beneficiary : ICAR Unit NBFGR, Lucknow  
 ▶ Name of Bank and Branch address : Axis Bank Ltd., Aashiyana, Lucknow  
 ▶ Account No. : 918020045053793  
 ▶ IFS Code : UTIB0001878  
 ▶ Branch code : 001878  
 ▶ MICR code : 226211010



### PAYMENT & OTHER INFORMATION

Amount : ₹ ..... (In Words) .....  
 Transaction No. : ..... Date: .....  
 Issuing Bank : .....  
 Any other information : .....



Place: .....  
Date: .....



(Signature of candidate)



### PLEASE SEND:

- Duly filled REGISTRATION FORM by email to:  
The Course Director, ICAR-NBFGR at  
[singhachal1@gmail.com](mailto:singhachal1@gmail.com)

