

## 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

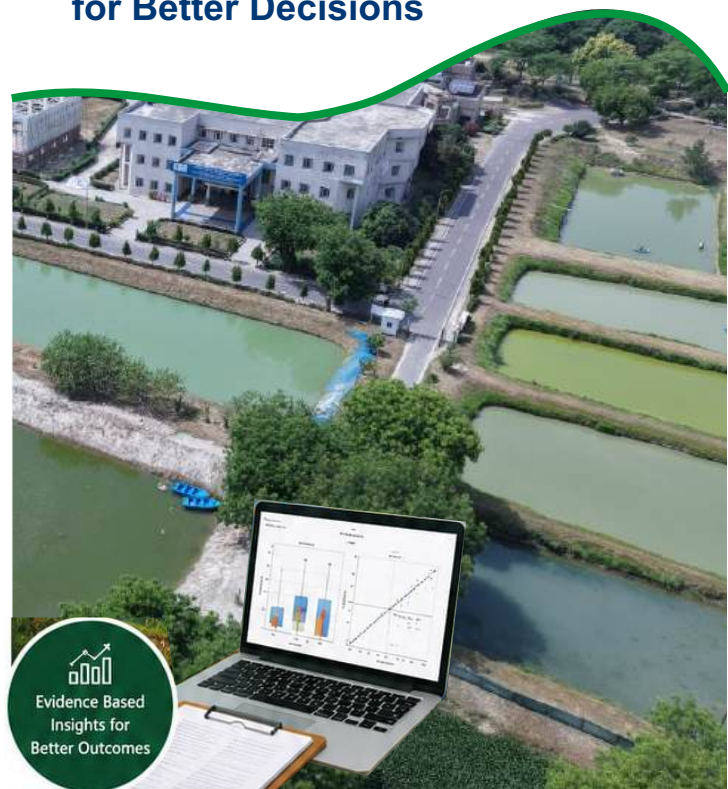


07-11 September, 2026

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



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Virtual Mode



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



### PAYMENT & OTHER INFORMATION



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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)

