

NATIONAL WEBINAR & WORKSHOP

Scheduled for
12th March 2025 -
Wednesday,
on 11:00 AM - 02:00 PM
At [Google Meet]

ON

Fundamentals of Research and Applied Statistics: From Theory to Practice

Organized By:



SHRI KRISHNA UNIVERSITY
श्री कृष्णा विश्वविद्यालय, सागर रोड, छतरपुर, मध्य प्रदेश
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Join us for insightful discussions, expert interactions, and valuable networking opportunities.

Themes & Topics:

1. Fundamentals of Research Methodology

- Research design and framework
- Formulating research questions and hypotheses
- Ethical considerations in research

2. Approaches to Research

- Quantitative, qualitative, and mixed-methods research
- Experimental vs. observational studies
- Case studies and real-world applications

3. Introduction to Applied Statistics

- Descriptive vs. inferential statistics
- Measures of central tendency and variability
- Probability theory and distributions

4. Statistical Techniques for Research

- Hypothesis testing and confidence intervals
- Correlation and regression analysis
- ANOVA, chi-square tests, and other statistical tools

5. Data Collection and Management

- Sampling techniques and data reliability
- Survey design and questionnaire development
- Handling missing data and data cleaning

6. Tools and Software for Statistical Analysis

- SPSS, R, Python, and Excel for data analysis
- AI and machine learning applications in research
- Visualization techniques for effective communication

7. Applications of Research and Statistics Across Disciplines

- Business, economics, and market research
- Healthcare and biomedical research
- Social sciences, education, and psychology

Resource Person



Dr. Ravi Tewari

B.Sc. MBA(HR), Ph.D. PGDHRC
Managing Editor, Ignited
Minds Journals.

SPEAKER



Dr. Richa Sharma

Faculty in life sciences,
Jiwaji University, Gwalior
MP

GUEST SPEAKER



Dr. Himanshu Verma

M.Tech CSE, Ph.D. CSE
Data Scientist and AI
Expert

SPEAKER



Dr. Madhuri Sharma

Chief Editor & Academic
Research Trainer
Ignited Minds Journals

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SPEAKER



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