SHORT TERM COURSE ON

SAMPLING TECHNIQUES AND TOOLS DEVELOPMENT

15th July-24th July 2024

Time: 6 PM-8 PM (Online Mode)

Course Overview
This comprehensive 10-day workshop is designed to provide an in-depth understanding of advanced research methodology, specifically focusing on various sampling techniques and statistical tools essential for high-quality research. Participants will gain hands-on experience in designing robust research frameworks using both probability and non-probability sampling methods.

Course Content
Day 1: Introduction to Universe, Population, and Sampling: Overview of Sampling Techniques
Day 2: Detailed Analysis of Random and Systematic Sampling Techniques
Day 3-4: Exploration of Stratified and Proportionate Sampling Techniques
Day 5: Cluster and Multistage Sampling Techniques
Day 6: Non-Probability Sampling Methods, including Purposive and Snowball Sampling
Day 7: Determining Sample Size, Understanding Sampling Distributions
Day 8: Instrumentation: Characteristics, Measurement vs. Assessment, Standardized vs. Unstandardized Tools
Day 9: Development and Standardization of Research Tools
Day 10: Establishing Reliability, Validity, and Norms for Tools

Course Benefits
- Learn to choose and apply the correct sampling techniques for various research scenarios.
- Understand key statistical concepts necessary for effective data analysis.
- Master the art of developing standardized research tools tailored to specific study needs.
- Insights from leading expert in research methodology.

Experts
Dr. Kaushal Kumar Bhagat
Assistant Professor
Advanced Technology Development Centre
Vice Chairman, Centre for Teaching Learning and Virtual Skilling
Indian Institute of Technology Kharagpur

Dr. D. N. Sansanwal
Head and Dean (Rtd)
Faculty of Education, Devi Ahilya University, Indore

Dr. Swati Varshney
Research Officer
AIIMS, New Delhi

How to Register
Use the link: https://erp.iiitkgp.ac.in/CEP/courses.htm to apply ONLINE.

Payment is to be done ONLINE after getting short listed for the program.

E-certiﬁcates will be provided on successful completion of the course. Attendance is mandatory.

Course fee
Students: 2500 (INR)
Working professionals: 3000 (INR)

Contact:
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Important dates:
Registration deadline: 12th July 2024
Payment deadline: 13th July 2024