

Workshop Report – Designing Evidence: Experiments and Sample Surveys

Department of Statistics
Loreto College, Kolkata

Title: Designing Evidence: Experiments and Sample Surveys

Date: 18th April 2026

Venue: Loreto College, Kolkata

Target Audience: Statistics Minor Students

Objectives

- To introduce concepts of sample surveys and data collection
- To connect statistical theory with real-life applications
- To highlight practical challenges in surveys
- To provide applied knowledge from field experience

Resource Persons

- Professor Debasis Sengupta, Applied Statistical Unit, Indian Statistical Institute, Kolkata
- Mr. Alope Kar, Practising Statistician (Experience in Government of India & United Nations)

Brief Report of the Session

The Department of Statistics, Loreto College, Kolkata, organized the second day of the workshop on “Designing Evidence: Experiments and Sample Surveys” on 18th April 2026 at the college premises for Statistics Minor students. The sessions covered experimental design and sample survey techniques, highlighting their importance in evidence-based research and real-world applications. The speakers also shared valuable practical insights from their professional experiences. The workshop concluded successfully with active participation from students.

Students’ Gains / Learning Outcomes

- Understanding of survey methods and techniques
- Ability to relate theory with practical applications
- Insight into real-world statistical work
- Improved analytical thinking and confidence





