SESSION ON RESEARCH METHODOLOGY (QUANTITATIVE METHODS)

Date: 24th July, 2026

Time: 8:30 a.m. – 9:30 a.m.

Venue: Room 425

Resource Person: Prof. Sayani Banerjee

Department of Psychology (PG) in collaboration with the **Research and Development Cell**

The Department of Psychology (PG), in collaboration with the Research and Development Cell, Loreto College, organized a Session on Research Methodology (Quantitative Methods) on 24th July, 2026, from 8:30 a.m. to 9:30 a.m. in Room 425. The session was conducted with the objective of strengthening the research aptitude of postgraduate psychology students by providing them with a comprehensive understanding of quantitative research methods and their application in psychological research.

The programme commenced with a formal welcome to the resource person, Prof. Sayani Banerjee, who delivered an engaging and insightful session on the principles and practices of quantitative research. She emphasized the importance of conducting research with academic integrity and highlighted the role of systematic methodology in producing reliable, valid, and ethically sound psychological research.

The session covered the fundamental stages of the quantitative research process, including the identification of research gaps, formulation of research questions, development of hypotheses, and operational definition of variables. The resource person elaborated on the importance of selecting appropriate research designs, choosing suitable sampling techniques, and employing validated psychological instruments to ensure the accuracy and credibility of research findings.

Particular emphasis was placed on statistical analysis and data interpretation. The participants were introduced to the appropriate use of parametric and non-parametric statistical tests, the concept of significance levels, demographic reporting, and the interpretation of statistical outcomes. The session also highlighted the necessity of selecting suitable measurement tools, obtaining permission for copyrighted scales where applicable, and maintaining ethical standards throughout the research process.

In addition, Prof. Sayani Banerjee provided valuable guidance on academic writing and publication. She discussed the essential components of a research paper, including the title, abstract, keywords, literature review, methodology, results, discussion, limitations, and conclusion. She also encouraged students to pursue publication opportunities while adhering to ethical research practices and the guidelines prescribed by academic journals.

The programme concluded with an interactive discussion and question-and-answer session, allowing participants to clarify their doubts regarding quantitative research methodology, statistical reporting, dissertation writing, and publication procedures. The session proved to be highly informative and academically enriching, equipping students with a stronger conceptual understanding of quantitative research methods and encouraging them to undertake rigorous, ethical, and scientifically sound research in the field of psychology. Overall, the programme successfully fulfilled its objective of enhancing the research competencies of postgraduate students and fostering a deeper appreciation for evidence-based psychological inquiry.

LORETO COLLEGE

PG DEPARTMENT OF PSYCHOLOGY

in collaboration with

RESEARCH AND DEVELOPMENT CELL

SESSION ON

RESEARCH METHODOLOGY

(Quantitative and Qualitative Methods)

RESOURCE PERSONS



Sayani Banerjee



Somali Mukherjee

Date: 24th July, 2026, Friday

Time: 8.30 am to 10.30 am

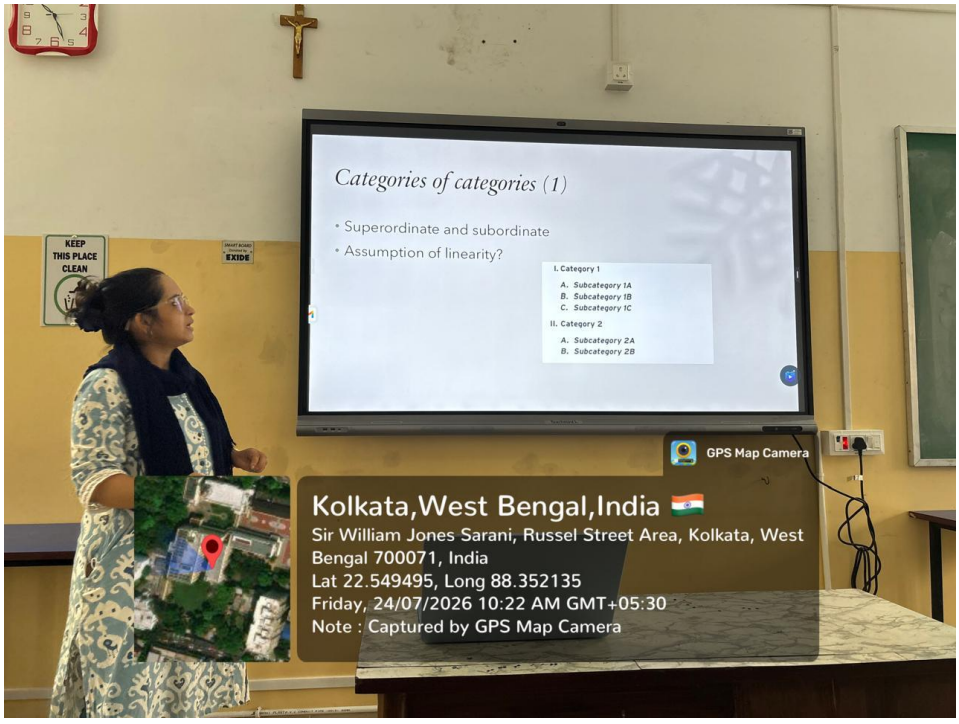
Venue: Room 425

SUSTAINABLE DEVELOPMENT GOALS




KEEP THIS PLACE CLEAN
LORETO COLLEGE
RESEARCH METHODOLOGY
GPS Map Camera
Kolkata,West Bengal,India
Sir William Jones Sarani, Russel Street Area, Kolkata, West Bengal 700071, India
Lat 22.549532, Long 88.352254
Friday, 24/07/2026 10:40 AM GMT+05:30
Note : Captured by GPS Map Camera


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GPS Map Camera
Kolkata,West Bengal,India
Sir William Jones Sarani, Russel Street Area, Kolkata, West Bengal 700071, India
Lat 22.549674, Long 88.352258
Friday, 24/07/2026 09:30 AM GMT+05:30
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Categories of categories (1)
• Superordinate and subordinate
• Assumption of linearity?
I. Category 1
A. Subcategory 1A
B. Subcategory 1B
C. Subcategory 1C
II. Category 2
A. Subcategory 2A
B. Subcategory 2B
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Sir William Jones Sarani, Russel Street Area, Kolkata, West Bengal 700071, India
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RESEARCH METHODOLOGY
GPS Map Camera
Kolkata,West Bengal,India
Sir William Jones Sarani, Russel Street Area, Kolkata, West Bengal 700071, India
Lat 22.549668, Long 88.352191
Friday, 24/07/2026 09:31 AM GMT+05:30
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