



Indira Gandhi Delhi Technical University for Women
(Established by Govt. of Delhi vide Act 09 of 2012)
Kashmere Gate, Delhi-110006

A workshop on Research Methodology for the research scholars and young faculty members from our university and outside, who wants to deepen their understanding and enhance their skills in research work on 30th Nov. 2018. The event was attended by a total of 45 participants from IGDTUW, Delhi.

Objectives:

The workshop had the following key objectives:

- Introduce participants to the fundamental principles of research methodology.
- Familiarize participants with different research designs and their applications.
- Provide insights into qualitative and quantitative data collection techniques.
- Offer hands-on training on statistical analysis tools and software.
- Share best practices and guidelines for writing research proposals and reports.

Sessions and Topics Covered:

Introduction to Research Methodology: An overview of research concepts, significance, and the research process.

Research Design: Types of research designs, their strengths, and limitations.

Data Collection Techniques:

- a. Quantitative Data Collection: Surveys, experiments, and observational studies.
- b. Qualitative Data Collection: Interviews, focus groups, and case studies.

Data Analysis:

- a. Quantitative Data Analysis: Introduction to statistical tools like SPSS and Excel.
- b. Qualitative Data Analysis: Techniques such as thematic analysis and content analysis.

Research Ethics: Ethical considerations in research, including human subjects' protection and data privacy.

Writing Research Proposals and Reports: Structure, formatting, and essential components of research documents.

Presentation Skills: Effective techniques for presenting research findings.