

Report

On

Two-Days Workshop on ‘Basics of Research Methodology’

(5th & 6th December, 2025)

Organized by Internal Quality Assurance Cell (IQAC) In Collaboration with Research Cell, Lala Jagat Naryan Education College, Jalalabad (West)

Introduction

Internal Quality Assurance Cell (IQAC) in collaboration with the Research Cell, Lala Jagat Naryan Education College, Jalalabad West, successfully organized a **Two-Days Workshop on “Basics of Research Methodology”** on 5th & 6th December, 2025 at the college campus. The workshop was planned as part of the institution’s continuous efforts to promote a strong research culture, enhance academic rigor and equip faculty members and M.Ed. students with essential research competencies.

In the contemporary academic environment, research methodology plays a vital role in ensuring systematic inquiry, scientific thinking and evidence-based knowledge creation. Recognizing this need, the workshop aimed to familiarize participants with the fundamental concepts, tools and ethical dimensions of educational and social science research.

Objectives of the Workshop

The primary objectives of the workshop were:

- To develop a basic understanding of research and its significance in higher education.
- To familiarize participants with various research approaches, designs, and methods.
- To provide hands-on exposure to problem identification, formulation of research questions and hypothesis testing.
- To enhance skills related to data collection, analysis, and interpretation.
- To motivate faculty and students to undertake quality research and publications.

Participants

The workshop witnessed active participation from:

- Faculty members of Lala Jagat Naryan Education College
- M.Ed. and B.Ed. students

The enthusiastic participation reflected the growing interest among stakeholders in strengthening research aptitude and scholarly writing skills.

Inaugural Session

The workshop commenced with an inaugural session on Day One i.e. 5th December, 2025. The session began with a welcome address by the IQAC Coordinator. The Principal of the College, Dr. Neetika emphasized the role of research in professional growth and institutional development and encouraged participants to actively engage in research-oriented activities. Dr. Richa Arora highlighted the importance of research methodology in improving teaching-learning practices and academic quality.

The inaugural session set a positive tone for the workshop by underlining the institution's commitment to academic excellence and research innovation.



Proceedings of Day One (5th December, 2025)

The first day of the workshop focused on the **theoretical foundations of research methodology**. The sessions were deliberated by respected Principal Dr. Neetika, Dr. Narinder Singh, Dr. Richa Arora and Mr. Amandeep Handa on the following key themes:

- Meaning, nature, and objectives of research
- Types of research: basic, applied, action, and experimental research
- Qualitative and quantitative research approaches
- Identification of research problems and formulation of research titles
- Review of related literature and its significance in research



All the sessions were interactive and supported by practical examples from the field of education. Participants were encouraged to ask questions and share their research interests, which enriched the learning experience.

Proceedings of Day Two (6th December, 2025)

The second day of the workshop emphasized the **practical aspects of research**. The sessions were deliberated by Dr. Narinder Singh and Mr. Amandeep Handa on the following themes:

- Research design and sampling techniques
- Tools and techniques of data collection
- Basics of statistical analysis and interpretation of data

- Use of references, citation styles, and research writing



Hands-on activities, discussions, and case-based illustrations helped participants gain clarity on conducting research in a systematic and ethical manner. The session on ‘Sampling techniques’ was particularly appreciated, as it sensitized participants to responsible research practices.

Feedback and Interaction

Throughout the two days, ample time was provided for interaction, discussion, and clarification of doubts. Participants expressed their satisfaction with the structure, content, and delivery of the sessions. The workshop created an open learning environment that encouraged critical thinking and collaborative learning.

Valedictory Session

The workshop concluded with a valedictory session, during which participants shared their feedback and learning experiences. Dr. Narinder Singh proposed a vote of thanks, acknowledging the efforts of the management, Principal, resource persons, IQAC members, organizing committee, and participants for the successful conduct of the workshop.

Outcomes of the Workshop

The workshop achieved the following outcomes:

- Enhanced understanding of basic research concepts among participants.
- Improved awareness of systematic research planning and execution.
- Increased motivation to undertake research projects and scholarly publications.
- Strengthened research culture within the institution.

Conclusion

The Two-Days Workshop on “Basics of Research Methodology” organized by the IQAC in collaboration with the Research Cell proved to be a meaningful and enriching academic initiative. It significantly contributed to capacity building in research among faculty members and students. The workshop reaffirmed the institution’s commitment to quality enhancement, research excellence, and holistic academic development.

Report prepared by:

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