

Royal College of Education and Research for Women
Workshop on Tool It! Designing Effective Research Questionnaires

Date: 20/9/2025

Venue: Multipurpose Hall

Time: 9:30 a.m

No. of Participants: 22

Objectives:

1. To understand the process of designing effective research questionnaires.
2. To gain practical knowledge of preparing, structuring, and administering questionnaires in action research.
3. To explore the role of AI tools in enhancing research practices.
4. To get hands-on training in using digital tools like Mentimeter for interactive data collection and engagement.
5. To develop skills for framing precise, valid, and reliable research questions.

Reflection:

The Royal College of Education in collaboration with IQAC and Research Cell, organized 'Tool it! Designing Effective Research Questionnaires' Workshop on 20th September 2025 with Mr. Aditya Narayan Rajmane Sir as the resource person. The workshop gave us valuable insights into the process of framing research questions, designing questionnaires, and conducting action research effectively. The session was interactive and hands-on, which helped in clarifying concepts and applying them in practice.

The resource person also emphasized the importance of integrating technology in research. We were introduced to AI tools and the Mentimeter application, which highlighted how digital resources can make research more engaging and efficient. Overall, the workshop was an enriching learning experience that has strengthened our understanding and prepared us better for our upcoming research work.

Learning outcomes:

1. Students understood the key principles of designing effective research questionnaires.
2. Students developed the ability to frame clear, valid, and reliable research questions.

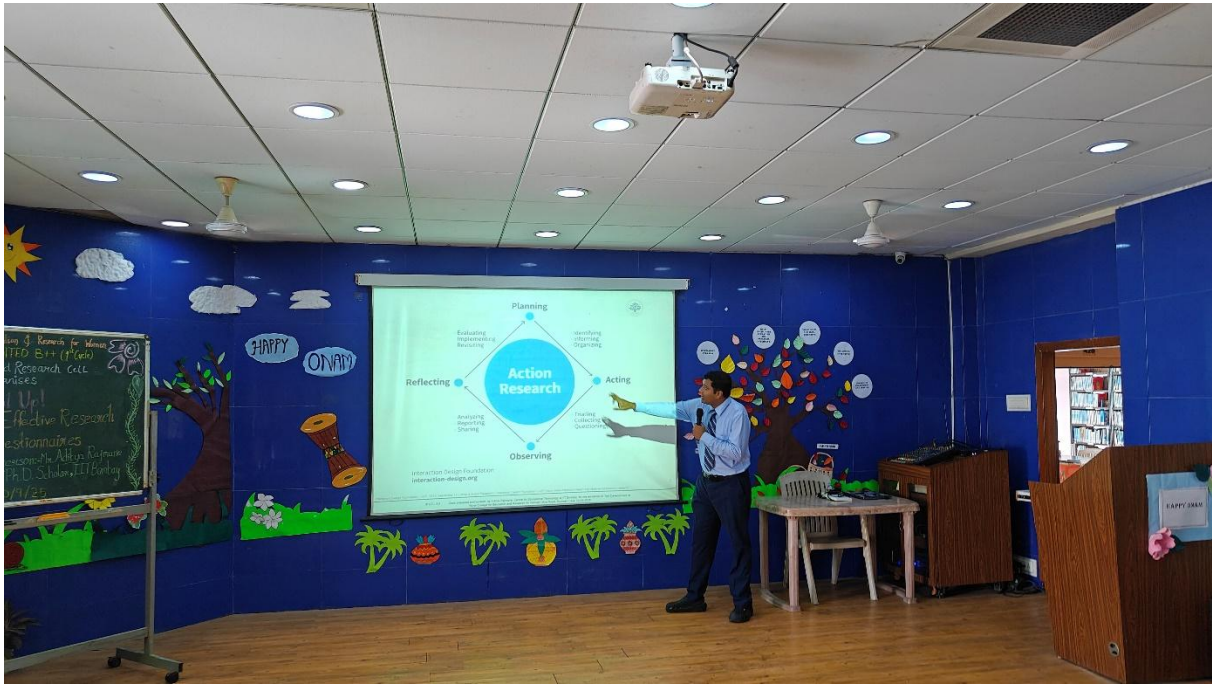
3. Students applied practical techniques in preparing and conducting action research.
4. Students explored and utilized AI tools to support research activities.
5. Students used applications like Mentimeter to collect responses and engage participants effectively.
6. Students reflected on the importance of technology integration in educational research.

Feedback:

1. **Fatima:** As a student teacher, I found the workshop extremely helpful for my upcoming action research. The practical guidance on questionnaire design and exposure to tools like Mentimeter will support me in making my research more systematic and engaging.
2. **Asmita:** I felt the workshop was very enriching and insightful. It boosted my confidence in preparing questionnaires and showed me how technology can make research more effective.

Photographs:







ROYAL COLLEGE OF EDUCATION & RESEARCH FOR WOMEN

NAAC ACCREDITED 'B++' (1st CYCLE)

IQAC and Research Cell Organises

Tool Up! Designing Effective Research Questionnaires



**Resource person:
Mr. Aditya Rajmane
Ph.D. Scholar, IIT Bombay**



Workshop on Tool Preparation
Performance Test
Observation Test
E-content Preparation

Principal: Dr. Judy Grace Andrews
Time: 9 am onwards
Date: 20th Sept, 2025
Venue: Multipurpose Hall