

Report on Three-Day Workshop on Research Methodology and Action Research

Organized by:

School of Education, SGRR University

In Collaboration with: Azim Premji Foundation

Participants: Teachers of SGRR Public School

Duration: 21may to23may2025

Venue: SCHOOL OF EDUCATION SGRR UNIVERSITY

Introduction

The School of Education at SGRR University, in collaboration with the Azim Premji Foundation, conducted a three-day workshop on **Research Methodology and Action Research** for teachers of SGRR Public School. The workshop aimed to enhance teachers' understanding of research techniques, data analysis, and the application of action research in classroom settings to improve teaching-learning processes.

Objectives of the Workshop

1. To introduce teachers to the fundamentals of research methodology.
2. To familiarize participants with action research and its significance in education.
3. To equip teachers with skills to identify classroom challenges and design research-based interventions.
4. To promote evidence-based teaching practices for continuous professional development.

Day 1: Foundations of Research Methodology

- **Inaugural Session:** The workshop began with a welcome address by [Name], Dean, School of Education, SGRR University, followed by an introduction to the workshop objectives.
- **Key Topics Covered:**
 - Understanding research: Types, purpose, and significance in education.

- Formulating research questions and hypotheses.
- Research design and data collection methods (qualitative & quantitative).
- **Activity:** Participants engaged in group discussions to identify potential research areas in their teaching practices.

Day 2: Introduction to Action Research

- **Expert Session by Azim Premji Foundation:** Resource persons discussed the concept of **action research** as a reflective process for teachers to solve classroom problems.
- **Key Highlights:**
 - Steps in conducting action research (Planning, Acting, Observing, Reflecting).
 - Tools for data collection: Surveys, observations, interviews.
- **Hands-on Activity:** Teachers worked in groups to draft mini-action research proposals on issues like student engagement, assessment techniques, etc.

Day 3: Data Analysis & Report Writing

- **Focus Areas:**
 - Basic data analysis techniques (using Excel and simple statistical tools).
 - Interpreting findings and making evidence-based decisions.
 - Structuring an action research report.
- **Presentation & Feedback:** Participants presented their action research plans and received constructive feedback from facilitators.
- **Valedictory Session:** Certificates were distributed, and teachers shared their key takeaways from the workshop.

Outcomes & Feedback

- Teachers gained confidence in integrating research into their teaching practices.
- Participants developed actionable research plans to address classroom challenges.
- Positive feedback highlighted the workshop's interactive and practical approach.

Conclusion

The workshop successfully equipped SGRR Public School teachers with essential research skills, fostering a culture of inquiry and continuous improvement in education. The collaboration between SGRR University and Azim Premji Foundation proved highly effective in empowering educators to become reflective practitioners.

Workshop Report

Date: 21 May 2025

Location: Shri Guru Ram Rai University, Dehradun Uttarakhand

Program: Three-Day Workshop with Azim Premji Foundation

Topic: Action Research & Research Methodology

Introduction:

Shri Guru Ram Rai University organized a three-day workshop in collaboration with Azim Premji Foundation, bringing together experts and educators to share knowledge and best practices. The workshop featured Azim Premji Foundation representatives, Mr. Vipin Kumar Chauhan and Mr. Dhaundiyal, as guest speakers, and was attended by all faculty members from Department of Education at SGRR University.

Key Points of Workshop:-

- The workshop focused on Action Research and Research Methodology In the first phase of the workshop with Mr. Vipin Kumar Chauhan providing an in-depth overview of Azim Premji Foundation's initiatives in children's education, health, and livelihood. The discussion highlighted the importance of research in informing education policy and practice.
- Azim Premji Foundation's Work
Azim Premji Foundation's efforts in Uttarakhand were showcased with a focus on primary and secondary education. The foundation's initiatives aim to support dropout students, providing them with mid-day meals and free books to facilitate their education.
- Research and Research Methodology

The workshop explored the significance of research and its objectives with Mr. Chauhan discussing the benefits of research engagement between higher education teachers and school teachers. He emphasized the importance of encouraging teachers to write, as it helps develop their internal capabilities and enhances their professional growth.

➤ Important Aspects of elements of Philosophy

In the second phase of workshop Mr. Dhoundiyal highlighted the important aspects of philosophy, which included a detailed discussion on realism, epistemology, elementary inquiry, and research methods.

Conclusion:

The workshop successfully raised awareness about Action Research and Research Methodology, motivating teachers to integrate research into their work. The participants benefited significantly from the workshop, gaining valuable insights and knowledge that can be applied in their professional practice.

दिनांक: 21 मई 2025

स्थान: श्री गुरु राम राय यूनिवर्सिटी, देहरादून उत्तराखंड ।

कार्यक्रम: अजीम प्रेमजी फाउंडेशन के साथ तीन दिवसीय कार्यशाला

विषय: एक्शन रिसर्च और रिसर्च मेथडोलॉजी पर कार्यशाला

परिचय

श्री गुरु राम राय यूनिवर्सिटी द्वारा अजीम प्रेमजी फाउंडेशन के साथ तीन दिवसीय कार्यशाला का आयोजन किया गया। इस कार्यशाला में अजीम प्रेमजी फाउंडेशन के प्रतिनिधि, श्री विनय कुमार चौहान और श्री ढोंडियाल अतिथि के रूप में उपस्थित रहे। साथ ही, एसजीआरआर यूनिवर्सिटी के शिक्षा विभाग के सभी शिक्षक गण उपस्थित रहे।

कार्यशाला के प्रमुख बिंदु.

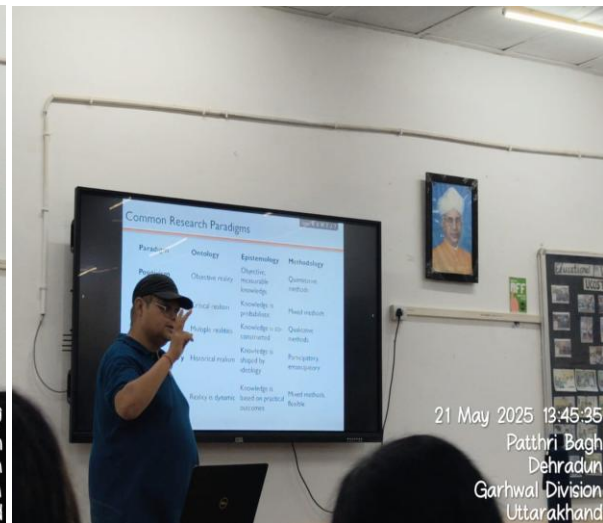
- कार्यशाला के प्रमुख बिंदुओं में एक्शन रिसर्च और रिसर्च मेथडोलॉजी शामिल थे। कार्यशाला के प्रथम चरण में श्री विनय कुमार चौहान ने अजीम प्रेमजी फाउंडेशन के कार्यों के बारे में विस्तार से बताया, जिसमें बच्चों की शिक्षा, स्वास्थ्य और आजीविका के क्षेत्र में किए जा रहे कार्य शामिल हैं।
- अजीम प्रेमजी फाउंडेशन के कार्य
अजीम प्रेमजी फाउंडेशन द्वारा उत्तराखंड में प्राथमिक और माध्यमिक शिक्षा पर ध्यान केंद्रित किया जा रहा है। फाउंडेशन की ओर से ड्रॉपआउट छात्रों की शिक्षा पर विशेष ध्यान दे रहा है। इसी के साथ ही छात्रों को मिड-डे मील और निशुल्क किताबें-कापियां आदि वितरित की जाती हैं। ।
- शोध और रिसर्च मेथडोलॉजी
कार्यशाला में शोध के महत्व और इसके मुख्य उद्देश्य पर विस्तृत से चर्चा की गई। श्री विनय कुमार चौहान ने उच्च शिक्षा के शिक्षकों और स्कूल शिक्षकों के बीच शोध पर विस्तृत चर्चा की। उन्होंने

बताया कि प्रत्येक शिक्षक को लिखने के लिए प्रोत्साहित किया जाना चाहिए। उनका कहना था कि लिखने से आंतरिक क्षमताओं का पता लगने के साथ ही उनका तेजी से विकास होता है।

- दर्शनशास्त्र के मूल तत्वों के महत्वपूर्ण पहलू
कार्यशाला के द्वितीय चरण में श्री ढोंडियाल ने दर्शनशास्त्र के महत्वपूर्ण पहलुओं पर प्रकाश डाला, जिनमें रियलिज्म, वास्तु ज्ञान, और रिसर्च मेथड के विषय में विस्तार से चर्चा की गई।

निष्कर्ष

कार्यशाला का मुख्य उद्देश्य एक्शन रिसर्च और रिसर्च मेथाडोलॉजी के बारे में जागरूकता बढ़ाने के साथ-साथ ही शिक्षकों को अपने कार्यों में शोध को शामिल करने के लिए प्रेरित करना था। कार्यशाला में उपस्थित सभी शिक्षकों ने इस कार्यशाला से लाभ उठाया। कार्यशाला में प्रतिभागियों को काफी फायदा भी पहुंचा।



Workshop Report

Date: 22 May 2025

Location: Shri Guru Ram Rai University, Dehradun Uttarakhand

Program: Three-Day Workshop with Azim Premji Foundation

Topic: Action Research & Research Methodology

Workshop on Research Methodology & Action Research

Conducted by: School of Education, SGRR University & Azim Premji Foundation

For: SGRR Public School Teachers

Objective:

To provide hands-on experience in understanding the fundamentals of research, including problem identification, literature review, and research design.

Activity Structure:

1. Group Discussion & Brainstorming (30 mins)

- Teachers were divided into small groups (4-5 members each).
- Each group identified a common classroom challenge (e.g., low student participation, ineffective assessment methods, lack of digital literacy).
- Guided questions:
 - *What is the problem?*
 - *Why is it important to solve?*
 - *How can research help address it?*

2. Developing a Mini Research Proposal (60 mins)

- Each group structured a basic research outline using a template:
 - **Title:** (e.g., "*Improving Student Engagement Through Interactive Learning Techniques*")
 - **Research Problem:** Clear statement of the issue.
 - **Objectives:** 2-3 key goals.
 - **Methodology:**
 - *Data Collection:* Surveys, observations, student feedback.
 - *Participants:* Class/grade level.
 - **Expected Outcomes:** How findings could improve teaching.

3. Peer Review & Feedback (30 mins)

- Groups exchanged proposals and provided constructive feedback.
- Key focus areas:

- Clarity of the research problem.
- Feasibility of methodology.
- Practical relevance to classroom needs.

4. **Facilitator's Summary & Key Takeaways (30 mins)**

- Common pitfalls in research design (e.g., vague objectives, biased data collection).
- Importance of ethical considerations (consent, confidentiality).
- Resources for further learning (books, online tools from Azim Premji Foundation).

Outcome:

- Teachers gained confidence in framing research questions.
- Practical understanding of linking classroom issues to research-based solutions.
- Collaborative learning through peer feedback.

Next Steps: Teachers refined their proposals for Day 3's session on *Action Research Implementation*.

Workshop Report

Date: 23 May 2025

Location: Shri Guru Ram Rai University, Dehradun Uttarakhand

Program: Three-Day Workshop with Azim Premji Foundation

Topic: Action Research & Research Methodology

The final day of the workshop focused on **participant presentations, peer discussions, and expert feedback** on action research plans developed during the previous sessions.

Key Activities:

1. **Presentation of Action Research Proposals**

- Teachers presented their draft action research plans in small groups.

- Each presentation included:
 - **Research Title & Problem Statement** (e.g., "Improving Student Participation in Science Discussions")
 - **Objectives & Methodology** (data collection tools like surveys, observations)
 - **Expected Outcomes & Implementation Strategy**

2. **Peer Feedback Session**

- Participants engaged in constructive discussions, suggesting improvements on:
 - Clarity of research questions
 - Feasibility of data collection methods
 - Potential challenges and solutions

3. **Expert Review & Recommendations**

- Facilitators from **SGRR University** and **Azim Premji Foundation** provided inputs on:
 - Strengthening research design
 - Ethical considerations in classroom research
 - Ways to document and disseminate findings

4. **Open House Discussion**

- Common themes emerged, such as:
 - Addressing learning gaps through targeted interventions.
 - Using technology for formative assessments.
 - Enhancing student motivation through participatory methods.

5. **Way Forward & Implementation Plan**

- Teachers finalized timelines for executing their action research projects.
- Plans were made for follow-up sessions to review progress.

Outcome:

- Teachers left with **refined, actionable research plans** ready for implementation.
- The collaborative discussion fostered a deeper understanding of **evidence-based teaching practices**.



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