



INQUISITE - 2026 REPORT

A WORKSHOP ON QUALITATIVE RESEARCH METHODOLOGY & ARTIFICIAL INTELLIGENCE IN CLINICAL RESEARCH

Date and Venue

The workshop was conducted on 28th March 2026 at Lecture Theatre, near Gastro OP, Sree Gokulam Medical College & Research Foundation, Venjaramoodu, Thiruvananthapuram.

Organizing Institution

SREE GOKULAM NURSING, TRIVANDRUM

The programme was organized by Institutional Research Cell, in collaboration with the Department of Mental Health Nursing and Department of Community Health Nursing.

Organizing Committee

Organizing Chairperson: Lt. Col. Prof. Meera K. Pillai, Principal, SGNC

Organizing Secretary: Dr. Lija R. Nath, Vice Principal, SGNC

Coordinator: Ms. Sumam P, Professor, SGNC

Qualitative research is essential in exploring human experiences, behaviors, and social contexts, especially in healthcare settings. The workshop aimed to equip participants with knowledge and practical skills in qualitative research methodology and the application of artificial intelligence in clinical research.

Objectives of the Workshop

- Provide an understanding of qualitative research methodologies
- Develop competencies in designing and conducting qualitative studies
- Enhance knowledge regarding ethical considerations in research
- Introduce the role of artificial intelligence in clinical research
- Train participants in conducting in-depth interviews and focus group discussions
- Familiarize participants with strategies to ensure rigor in qualitative research
- Provide hands-on training in qualitative data analysis

Target Participants

Faculty members
Research scholars
Postgraduate students
Healthcare/social science professionals

Programme Description



SREE GOKULAM NURSING COLLEGE, VENJARAMOODU

Recognised by Indian Nursing Council, Kerala Nurses and Midwives Council and
Affiliated to Kerala University of Health Sciences

The one-day workshop included registration, pre-test, inaugural session, expert lectures, and hands-on training. Sessions covered qualitative research paradigms, ethics, artificial intelligence in clinical research, and ensuring rigor. A practical session on coding and thematic analysis was conducted. The programme concluded with a post-test and valedictory session.

INAUGURAL SESSION

The inaugural session began with a solemn prayer, invoking divine blessings for the successful conduct of the programme. The prayer created a calm and positive atmosphere, setting an appropriate tone for the event and fostering a sense of unity and purpose among the participants.

Following the prayer, the welcome address was delivered by Dr. Lija R Nath, Vice Principal, SGNC. In her address, she warmly welcomed the chief guest, dignitaries, resource persons, faculty members, and participants. She highlighted the significance of the workshop and emphasized its relevance in enhancing knowledge and professional competencies.

Inauguration was done by Dr. P. Chandramohan, Dean Emeritus, SGMC. Other dignitaries also joined him for lighting the lamp. This is followed by a brief inaugural address by Dr. P. Chandramohan. Dr. Regi Jose delivered the felicitation speech. The formal inaugural function concluded with a vote of thanks by Prof Sheejamol K N.



Session-wise Description of the Workshop

1. Overview of Qualitative Research Paradigms and Ethical Considerations

Resource Person: Dr. Lija R. Nath, Vice Principal, SGNC

This session provided a comprehensive introduction to qualitative research paradigms, including interpretivism and constructivism. The speaker elaborated on the



philosophical foundations of qualitative inquiry and emphasized the importance of selecting appropriate methodologies based on research questions. Ethical considerations such as informed consent, confidentiality, and participant autonomy were discussed in detail, highlighting their significance in ensuring responsible research practices.



2. Artificial Intelligence in Clinical Research

Resource Persons:

- Dr. Regi Jose, Professor, Department of Community Medicine, Member Secretary IEC, SGMC&RF
- Dr. Rahul Suresh, Assistant Professor, Department of Community Medicine

This session focused on the emerging role of artificial intelligence in clinical research. The speakers discussed applications of AI in data collection, analysis, predictive modelling, and decision-making in healthcare. Practical examples were provided to demonstrate how AI tools can enhance research efficiency and accuracy. Ethical implications and limitations of AI in healthcare research were also addressed.





SREE GOKULAM NURSING COLLEGE, VENJARAMOODU

Recognised by Indian Nursing Council, Kerala Nurses and Midwives Council and
Affiliated to Kerala University of Health Sciences



3. Designing and Conducting In-Depth Interviews

Resource Person: Prof. Sreelakshmi U R, HOD, Medical-Surgical Nursing, SGNC

This session highlighted the principles and techniques involved in designing and conducting in-depth interviews. The resource person explained the development of interview guides, probing techniques, and strategies to build rapport with participants. Emphasis was placed on obtaining rich, meaningful data while maintaining neutrality and minimizing bias.

4. Ensuring Rigor in Qualitative Research

Resource Person: Prof. Sreelakshmi U R, HOD, Medical-Surgical Nursing, SGNC



This session focused on strategies to ensure trustworthiness in qualitative research, including credibility, dependability, confirmability, and transferability. The speaker discussed techniques such as triangulation, member checking, and audit trails to enhance the quality and validity of qualitative findings.



5. Planning and Moderating a Focus Group Discussion (Demonstration Session)

Resource Person: Prof. Smitha J S, HOD, Obstetrics & Gynaecological Nursing, SGNC

This interactive session included a live demonstration of a focus group discussion. The speaker explained the steps involved in planning, conducting, and moderating FGDs. Key aspects such as group dynamics, facilitation skills, and documentation were discussed. Participants gained practical insights into managing group interactions and ensuring effective data collection.





6. Qualitative Data Analysis: Coding and Thematic Analysis (Hands-on Session)

Resource Person: Dr. Swapna K G, Vice Principal, Government College of Nursing, IVPM

This hands-on session provided practical training in qualitative data analysis. Participants were introduced to coding techniques, categorization, and development of themes. The session emphasized systematic analysis and interpretation of qualitative data, enabling participants to translate raw data into meaningful research findings.



Outcome of the Workshop

Total 85 participants were there for the workshop. Food and refreshments were provided. Participants gained improved understanding and practical skills in qualitative research, including data collection, analysis, ethical considerations, and application of AI in clinical research. Excellent feedback was received from the participants.

Conclusion

The workshop was a successful academic initiative that enhanced research competencies in qualitative methodology and emerging technologies.



SREE GOKULAM NURSING COLLEGE, VENJARAMOODU

Recognised by Indian Nursing Council, Kerala Nurses and Midwives Council and
Affiliated to Kerala University of Health Sciences

