

7-DAY WORKSHOP ON

“ADVANCES IN RESEARCH METHODOLOGY”

Venue: Conference Hall, Department of Zoology, Nagaland University, Lumami

Date: 4th March – 10th March, 2025

Number of participants: 34

INTRODUCTION

The 7-day workshop on “**Advances in Research Methodology**” organized by the Department of Zoology, Nagaland University aimed to enhance the research skills of the researchers from multidisciplinary fields. The workshop covered various critical aspects and principles of research such as, ethical considerations, regulation of academic integrity, how to design questionnaires, how to choose a good topic for research, reviewing process and manuscript submissions. Renewed academicians both externally and internally provided valuable insights into the modern research methodologies.



Delegates present at the inaugural session



Group photo of all the participants

WORKSHOP OVERVIEW

4th March 2025

The workshop commenced with a formal inaugural session, where **Prof. M. K. Sinha, the Vice Chancellor (I/C)** of the university, graced the program as the Chief Guest, **Prof. M.S. Rawat (Dean, School of Sciences)** as the Guest of Honor and **Dr. Abemo Odyuo (Registrar)** as the

special guest. The participants of the programme were research scholars and the teaching faculties of the Nagaland University and different colleges of Nagaland. Vote of Thanks will be delivered by Dr Ramita.



Prof. M.K. Sinha, the Vice Chancellor (I/C)



Prof. M.S. Rawat Dean, School of Sciences

Following the inaugural session, **Dr. Pranay Punj Pankaj** conducted the first session (11:30 am- 01:00 pm) on “**Research Ethics and Plagiarism Tools**”, stressing on the importance of maintaining the research integrity, values and principles and how researchers can avoid plagiarism risks. The afternoon session (01:00 pm- 04:00pm) led by **Prof. Ranjit Kumar** provided an overview of “**Funding Agencies and Opportunities**”, guiding the researchers on various funding agencies available both internationally and nationally on searching research grants.



Prof. Ranjit Kumar



Dr. Pranay Punj Pankaj

5th March 2025

Prof. Seema Rai discussed “**Regulation of Academic Integrity**” (10:30am-11:30 am) emphasizing the adherence to research standards. This was followed by a session on “**Finding Journals for Publication**” (11:30am-01:00pm) by **Prof. Dipak Sinha**, offering strategies on how

to publish papers in high impact journals. In the afternoon, (02:00pm- 04:00 pm) **Dr. Latonglila Jamir** conducted a session on “**Manuscript Submission**” explaining submission guidelines and best practices for successful publication.



Prof. Dipak Sinha



Prof. Somnath Bhattacharjee

6th March 2025

The third day featured three key sessions. **Prof. Joginder Singh** addressed “**Conflict of Interest & Publication Misconduct**” (10:30 am- 11:30 am) highlighting ethical challenges in research. **Prof. Somnath Bhattacharjee** then discussed “**How to Design a Questionnaire/Survey**” (11:30 am-01:00 pm) an essential topic for data collection. In the afternoon (02:00pm-04:00pm) **Dr. Dhananjay Kumar** concluded the day with “**Fundamentals of Statistical Analysis in Research**”, providing insights into statistical tools and their applications.



Prof. Joginder Singh



Prof. Ambrish Singh

7th March 2025

The day began with **Prof. Kshetrimayum Birla Singh's** session (10:30am-11:30am) on **‘How to Choose a good topic for Research’**, helping the attending researchers to focus their minds on novel topics. From 11:30 am-01:00pm, **Dr. Pranay Punj Pankaj** covered **‘Understanding Research Metrics: Tracking Academic Impact’**, emphasizing citation analysis and impact factors. The final session (02:00pm-04:00pm), led by **Prof. G. Gurusubramanian**, explored **“Hypothesis testing & Multivariate Analysis”**, where hands-on training was conducted and offered many practical takeaways.

8th March 2025

Prof Pankaj Kumar led a session on **“Identifying Research Gaps & Exploring Opportunities”** from 10:30 am-11:30 am, encouraging researchers to be vigilant in finding the gaps and contribute novel insights. **Prof. Ranjit Kumar** led the rest of the sessions and covered two different topics, **“Research Design”** and **“Review Process”** and comprehensively explained methodological approaches and detailed literature review process.

10th March 2025

The final day focused on research protection and patent development by **Prof. Ambrish Singh** on the topic **“Patent and Intellectual Property Rights (IPR)”**, encouraging and educating the participants on patents and how to safeguard their work. **Prof. Jogen Chandra Kalita** then led a session on **“Developing Research skills and Attributes of Researchers”**, highlighting essential competencies and encouraged the researchers to continue pursuing the path of research even though we may face failures.

The workshop concluded with an **evaluation test**, where the participants reflected on their learning experiences, and they were hence graded accordingly.

A formal valedictory session marked the conclusion of the 7-day workshop, where the honorable **Vice Chancellor** of Nagaland University, Lumami, **Prof. Jagadish K. Patnaik** graced the closure program as the **Chief Guest** and shared encouraging and uplifting words to the participants to continue the journey of research with passion and vigor. Melodies from different scholars, remarks

from the participants and vote of thanks, all followed henceforth. Dr Pranay Punj Pankaj delivered Vote of Thanks on the occasion.



Felicitation of Prof. Jagadish K. Patnaik



Handing out of certificate



Group photo taken at the end of the valedictory session marking the end of the 7-day workshop.