

Research Methodology Workshop – 30th January to 3rd February 2023

The Research Methodology Workshop is an annual event organized to orient first-year P.G. students on the key aspects of conducting research. This year, interns from the research module were also included in the workshop, creating an engaging and comprehensive learning environment that combined both postgraduate and undergraduate experiences.

The workshop was inaugurated by Dr. Nilesh Joshi at 9 a.m. on 30th January 2023, followed by a series of carefully curated lectures by faculty experts. Over the course of five days, a wide range of topics were covered, from the introduction of research methodology to specific, detailed subjects such as hypothesis testing, study design, and manuscript preparation.



Day 1 of the workshop began with a lecture by Dr. V. Sreenivasan on "Introduction and Scope of Research Methodology," setting the stage for understanding the importance of structured research in the academic journey. Following this, Dr. Ashwin Jawdekar delivered an insightful lecture on "Study Design, Hypothesis Testing, and Framing a Research Question," providing students with foundational knowledge in crafting effective research questions.

Day 2 featured three significant lectures, beginning with Dr. V. Sreenivasan on "Literature Search – Part 1," followed by Dr. Ashish Jain who presented on the "Roles and Responsibilities of a Researcher." The day concluded with a lecture on "Good Clinical Practice Guidelines" by Rahul Rao, emphasizing the ethical and procedural standards in clinical research.



On **Day 3**, the first lecture was delivered by Dr. Harsh Mishra on the vital topic of "Informed Consent," a cornerstone of ethical research. This was followed by Dr. V. Sreenivasan's continuation of "Literature Search – Part 2."

On **Day 4**, Dr. Ashwin Jawdekar led a session on "Questionnaire Design," where students were taught how to frame effective research questionnaires. This was followed by Dr. Mridula Joshi, who provided detailed insights into "Synopsis Preparation," guiding students through the process of preparing concise and impactful synopses for their research.



The final day, **Day 5**, included a comprehensive lecture by Dr. Suyog Savant on "Biostatistics, Hypothesis Testing, and Research Bias," where students were introduced to the statistical tools and methodologies necessary for robust research. Following this, Dr. Viraj Kharkar delivered a concluding lecture on "Manuscript Preparation," guiding students through the process of documenting and preparing their research for publication.



The workshop concluded with a feedback form and a post-test exercise to evaluate the participants' understanding of the topics covered throughout the event. This workshop not only provided critical insights into the research process but also equipped students with the tools necessary for effective scientific inquiry and publication.

