



**Dr. NTR UNIVERSITY OF HEALTH SCIENCES:
VIJAYAWADA: AP**



***Seminar cum Workshop on Research Methodology &
Biostatistics***

For the Research Scholars who are pursuing Ph.D Programme from Dr. NTR UHS.

Date: 23rd April 2025

Venue: Novotel, Vijayawada

Programme Schedule

8:30 am to 9:00 am	Registration
9:00 am to 9:30 am	INAUGURATION OF THE PROGRAMME <i>Lightening of the Lamp and Prayer Song</i> INTRODUCTION TO THE PROGRAMME Dr. D S V L NARASHIMHAM Hon'ble Vice Chancellor Dr. NTR UHS Dr. VEMIREDDY RADHIKA REDDY Registrar Dr. NTR UHS

Timings	Topics	Objectives	Resource Faculty
9:30 am to 10:30 am	Ethical Considerations in Human Research (ICF, Data Confidentiality, Benefits and Risks, Compensation)	Comprehensive understanding of the ethical complexities involved in health research and equip the researchers to make morally sound decisions when conducting or participating in research projects	Dr. Gitanjali Batmanabane Pro VC (Medical Sciences) GITAM Deemed to be University
10:30 am to 11:30 am	Research Study, Framing Research Question and Methodology – Bias and Confounding factors	To develop clear, focused, and researchable questions, ensuring alignment with study objectives, Selecting appropriate research designs, sampling techniques, and data collection methods to enhance study validity and reliability.	Ms. Natasha Gulati Customer Success Team Manager South & Southeast Asia ELSEVIER
11:30 am to 12:30 pm	Biostatistics for Health Research including Correlation and Regression (Linear, Logistic, Multi-variable Regression)	To understand the basics in Biostatistics, correlation and regression techniques, including their applications, interpretation, and practical use in different domains.	Dr M. Rajeswari Associate Professor of Biostatistics AIIMS, Mangalagiri
12:30 pm to 1:00 pm	Reference Management - using Mendeley	Acquire the knowledge and skills to use reference management tools effectively including citation styles.	Sri.Durga Ranganath Sr. Customer Success Manager ELSEVIER
1:00 pm to 2:00 pm	Lunch		

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2:00 pm to 3:00 pm	Using Statistical Software (e.g., R/Jamovi/SPSS) for Health Data Analysis	To utilize the statistical software (R/Jamovi/SPSS) effectively in the analysis of health- related data	Dr. Yamini M, Asst Professor of Communicable Diseases & Surveillance, JIPMER International School of Public Health (JISPH), JIPMER, Puducherry
3:00 pm to 3:45 pm	AI in Health Research	To apply artificial intelligence (AI) techniques to analyze healthcare data, enabling them to contribute to cutting-edge research, improve healthcare outcomes, and address complex medical challenges.	Ms. Natasha Gulati Customer Success Team Manager South & Southeast Asia ELSEVIER
3:45 pm to 4:30 pm	Publication Ethics including Plagiarism	To understand Publication Ethics, including the Principals of Academic Integrity, Responsible Authorship and Plagiarism prevention, Enabling them to navigate ethical challenges and contribute ethically to scholarly publications in their field of study	Dr. Gitanjali Batmanabane Pro VC (Medical Sciences) GITAM Deemed to be University
4:30 pm to 4:45 pm	Valedictory & Certificate Distribution		Dr. Sudha K Director (R & D) Dr. NTR UHS
4:45 pm to 5:00 pm	Q & A – Feedback		
NATIONAL ANTHEM			