



Department of Medical Education
Himalayan Institute of Medical Sciences
Swami Rama Himalayan University
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HIMS/DME/2025/47

Date: 13.03.2025

CME

Date : 15.03.2025

Time: 03:30 PM – 04:30 PM

Day : Saturday

Venue: HLT-2, Charak (Lecture Hall)

Topic: “Exploring the Role of Statistical Learnings in Healthcare Analytics.”

**Speaker: Abhinav Bahuguna
Lecturer, HIMS, SRHU**

Abstract:

In medical research, the application of robust statistical methodologies is crucial for extracting reliable insights from the complex datasets. As the volume and dimensionality of data continue to increase, the ability to select and implement the most appropriate statistical techniques become important. Understanding the underlying data characteristics- such as distribution, variability, and potential biases is essential for ensuring the accuracy of results. In this Continuing Medical Education (CME) session, the goal is to delve into a variety of statistical techniques that are frequently overlooked but have the potential to significantly enhance the accuracy and reliability of medical data analysis. By knowing these methods, researchers can better navigate challenges such as underfitting and overfitting of the model, ultimately advancing the quality and reproducibility of their findings in clinical and epidemiological studies.

All Faculty & Post Graduate Residents are required to attend the CME.

Department: Bio-Statistics

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