

WORKSHOP ON “BASICS OF BIOSTATISTICS AND DATA ANALYSIS USING SPSS”



On the directive of the worthy Vice Chancellor, Liaquat University of Medical & Health Sciences (LUMHS), a workshop titled “**Basics of Biostatistics and Data Analysis Using SPSS**” was successfully conducted on 12th February 2026 at the Video Conference Hall, Department of Information Technology (IT), LUMHS Jamshoro.

The workshop was organized by the Collaborative Workshop Committee comprising Prof. Farzana Shaikh (Chairperson – Paediatrics), Prof. Dr. M. Aslam Rind (HOD – Medical Unit-III), Dr. Jamil Junejo (Chairman – Psychiatry), and Dr. Mahmood Ur Rehman Soomro (Incharge – Emergency Medicine). The initiative aimed to enhance the research and data analysis skills of faculty members and promote evidence-based medical research within the institution.

Prof. Dr. Imran Ali Shaikh, Dean, Faculty of Medicine & Allied Sciences, graced the occasion as Guest of Honor. He appreciated the efforts of the organizing committee and emphasized the

importance of biostatistics and research methodology in advancing academic excellence and improving healthcare outcomes.

The session was conducted by **renowned speaker Dr. Imtiaz Ahmed, Cert. CRP – GCP (KRC), PV (UMC), Cert. Clinical Trial Design Expert (JH – USA), General Manager, Medical Affairs, Clinical Research & Pharmacovigilance.** During his comprehensive and interactive session, he highlighted key aspects of biostatistics and the research framework, including introduction to biostatistics, hypothesis testing, variable types, statistical tests, data types, scale types with practical examples, and hands-on data entry using SPSS. Participants were also guided on the preparation of graphs and charts for effective data presentation.

The workshop concluded with active participation and hands-on practice, equipping faculty members with practical knowledge and skills essential for conducting high-quality research and data analysis.



