



SCHOOL OF PUBLIC HEALTH
Kerala University Of Health Sciences
Thiruvananthapuram

INFERA 2026

**“Statistical Analysis in Health Research:
From Inference to Repeated Measures”**

**Dr. Mohanan
Kunnummal**

Hon. Vice Chancellor, KUHS



Dr. C.P. Vijayan

Pro. Vice - Chancellor KUHS



Dr. Gopa Kumar

Registrar, KUHS



**Dr. Thomas
Mathew**

Professor, School of Public Health



Resource Person



Dr. Anil C. Mathew,

Professor

PSG Institute of Medical Sciences and Research

Dates:
February 7-8,2026

Venue:
**School of Public Health, KUHS,
Thiruvananthapuram**

About the Workshop

INFERA 2026 is a two-day hands-on workshop designed to build practical competencies in **statistical analysis for health and biomedical research**. The workshop focuses on the application of core inferential statistical methods to real-world health data, with special emphasis on correct interpretation and research relevance. Participants will be introduced to analysis of independent groups, cross-sectional data analysis, applications of ANOVA, confidence intervals, confounding and interaction, and repeated measurement data analysis using Generalized Estimating Equations (GEE). Through interactive sessions, group tasks, and guided discussions, the workshop aims to strengthen participants' ability to analyze data, interpret findings, and apply statistical results effectively in theses, publications, and research reports. The programme is intended for health professionals, researchers, faculty members, and postgraduate students from diverse disciplines seeking to enhance their applied data analysis skills.

Workshop Contents

- Inferential statistics and analysis of independent groups
- Analysis of cross-sectional health data
- Applications of Analysis of Variance (ANOVA) in health research
- Confidence intervals and their interpretation in research findings
- Confounding and interaction in health and biomedical studies
- Repeated measurement data analysis using Generalized Estimating Equations (GEE)
- Hands-on group tasks, data analysis, and participant presentations

Who Can Attend

Medical, Dental, AYUSH, Nursing and Allied Health Professionals, Statisticians, Clinical Researchers, and Postgraduate Students

Mode of Selection: First Come First Serve basis

Registration Fee: Rs. 2500/- (exclusive of GST)

Last Date of registration: 31.01.2026

Maximum Number of Participants : 35



Register Here: <https://forms.gle/NVpj6gjQGiS7CACv5>

Coordinators :



Dr Suma .T.K



Dr Rajmohanan.K



Dr. Athirarani. M.R



Smt. Jisharaj V R



Smt. Riya C. R



Shri . Athul A.L

ANY QUESTION ?

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