

HANDS-ON TRAINING ON APPLIED STATISTICAL TECHNIQUES

DEC 18, 2025 – JAN 08, 2026

About the University & Department

The University of Calicut, is a premier higher education institution in Kerala, striving for excellence in higher education and research in all spheres of human knowledge and advancement. Established in 1968, the University emphasizes sustained development of the scientific and technological sectors, the promotion of the arts and culture of Kerala, the advancement of the educationally backward section of the population, and the furthering of development in the lesser developed regions of northern Kerala.

The Department of Statistics was set up in 1988 to provide facilities for teaching, training and research in Statistics. Since then it is actively involved in theoretical studies of real life situations from modeling point of view. The faculties of the Department have collaborative research work with scientists of various organizations within and outside India. Some of them have held common wealth fellowship and scholarship tenable at U. K. In addition, the faculty members advise and assist teachers and research scholars of other Departments of the University in statistical analysis of their data. As of current year, 47 research scholars of the Department have been awarded Ph.D. Degree. The Department library has over 3600 books. The Department has a computer lab with sufficient number of personal computers and packages such as R, SPSS, SYSTAT and Matlab.

REGISTER

[Schedule available
in the Google form]



LAST DATE: 16/12/25 4:00PM

CONTACT:

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DEPARTMENT OF STATISTICS
UNIVERSITY OF CALICUT
Workshop - Statistical Skill Development
Program (PM - USHA Scheme)

**HANDS-ON TRAINING ON
APPLIED STATISTICAL
TECHNIQUES**

DEC 18, 2025 - JAN 8, 2026



Dr. Vishnu Vardhan

Professor
Dept. of Statistics, Pondicherry University

Multivariate Thinking: Methods for
Understanding Real-World Data



Dr. N. Raju

Professor (Retd.)
Dept. of Statistics, University of Calicut
Hands-on Training on Statistical Data Analysis



Dr. M. Manoharan

Senior Professor (Retd.)
Dept. of Statistics, University of Calicut
Longitudinal Analysis



Dr. Madhuri G Nulkarni

Assistant Professor
Dept. of Statistics, SP Pune University
Hands-on Training on MCMC Techniques



Dr. Shiji K

Assistant Professor
Dept. of Statistics, Sree Kerala Varma College
Hands-on Training on Time Series
Analysis



Dr. Sajesh T A

Associate Professor & Head
Dept. of Statistics, St. Thomas College
Hands-on Training on Applied
Regression Analysis

Dr. VISHNU VARDHAN

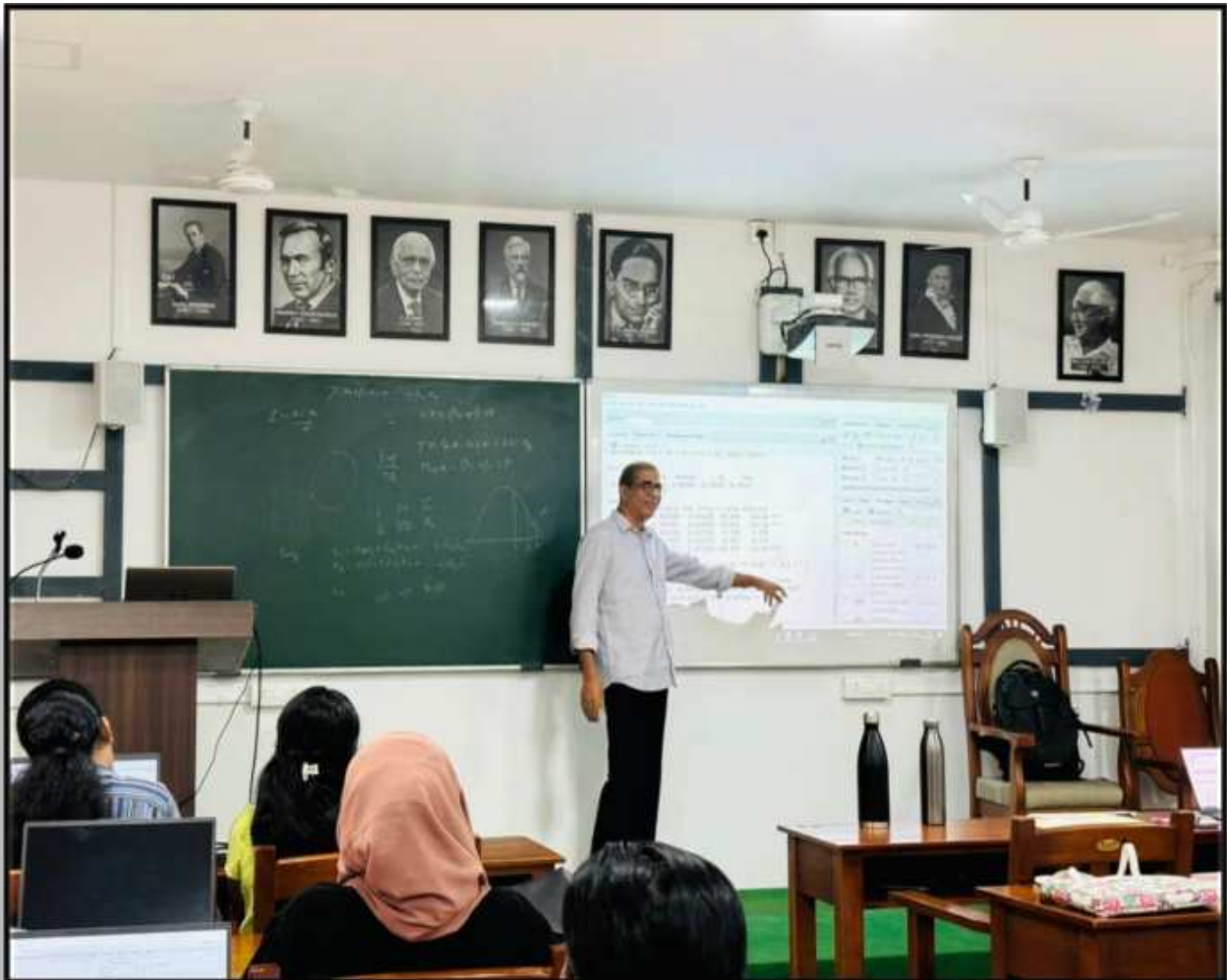
MULTIVARIATE THINKING: METHODS FOR UNDERSTANDING REAL-WORLD DATA





Dr. N. RAJU

HANDS-ON TRAINING ON STATISTICAL DATA ANALYSIS





Dr. M. MANOHARAN

LONGITUDINAL ANALYSIS



Dr. MADHURI G KULKARNI

HANDS-ON TRAINING ON MCMC TECHNIQUES

The screenshot shows a Zoom meeting in progress. The main window displays a presentation slide titled "Random Number Generation" in red text. The slide content includes a quote: "It has long been an axiom of mine that the little things are infinitely the most important." attributed to "Arthur Conan Doyle in 'A Case of Identity'". Below the quote, it asks "Why do we need it?" and states "No real data So, we generate it!". At the bottom of the slide, the symbol $\theta?$ is shown. A small inset window shows a mobile phone screen with a WhatsApp chat. The Zoom interface includes a top bar with the presenter's name "Madhuri Kulkarni (Presenting)", a right sidebar with a large video feed of the presenter and a grid of other participants (including "ABDUL BASITH K H", "Statistics department", "49 others", and "Dr. Dileepkumar M"), and a bottom status bar with the name "Madhuri G. Kulkarni", the topic "MCMC", the date "December 30, 2025", and the slide number "2 / 15".

Random Number Generation

'It has long been an axiom of mine that the little things are infinitely the most important.'

Arthur Conan Doyle in 'A Case of Identity'

Why do we need it?

No real data So, we generate it!

$\theta?$

Madhuri Kulkarni (Presenting)

ABDUL BASITH K H

Statistics department

49 others

Dr. Dileepkumar M

Madhuri G. Kulkarni

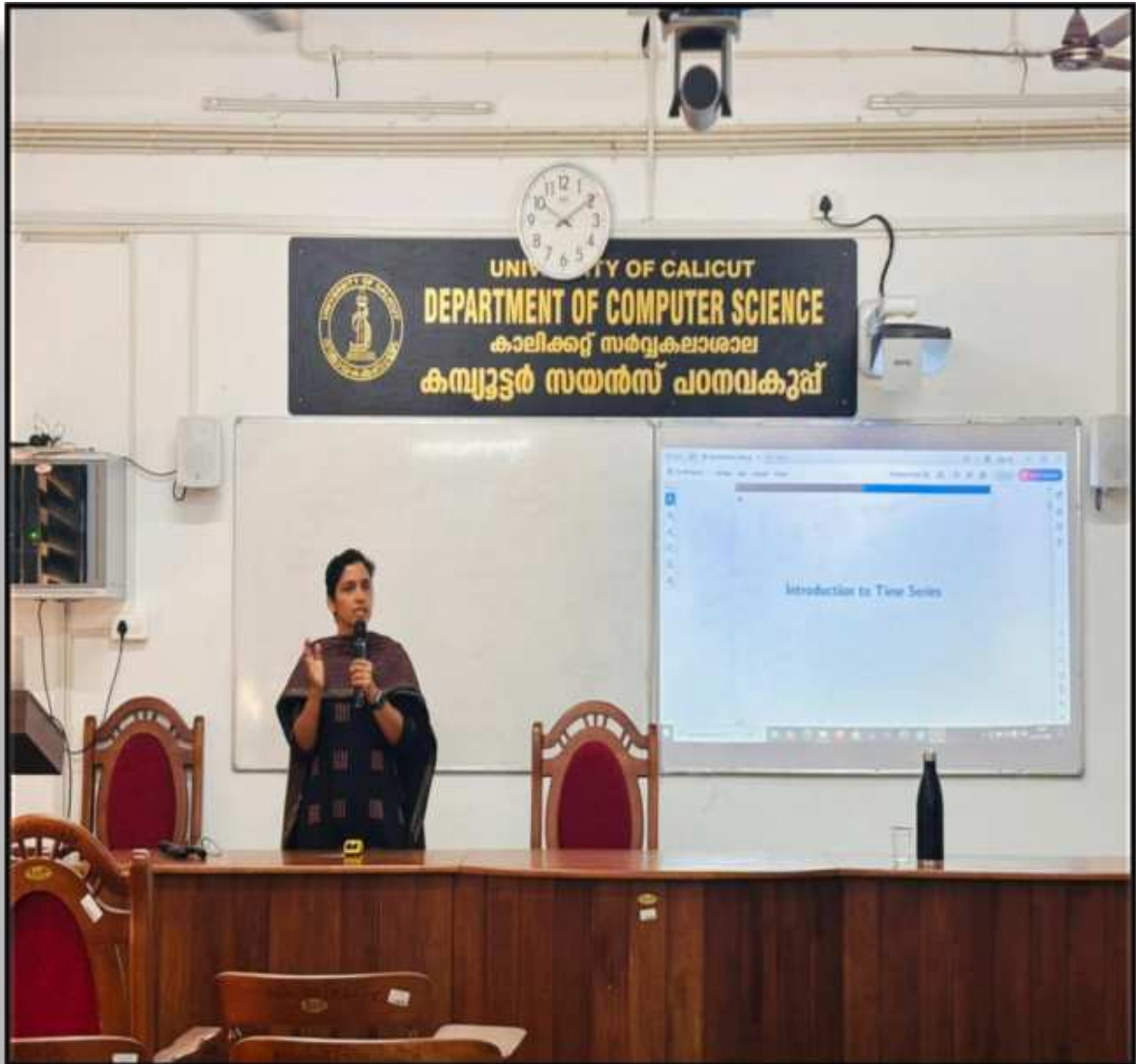
MCMC

December 30, 2025

2 / 15

Dr. SHIJI K

HANDS-ON TRAINING ON TIME SERIES ANALYSIS





Dr. SAJESH T A

HANDS-ON TRAINING ON APPLIED REGRESSION ANALYSIS



