



NATIONAL LEVEL ONLINE - WORKSHOP ON QUANTITATIVE DATA ANALYSIS WITH JAMOVI

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In Collaboration with

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Madurai Kamaraj University,
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&

THIAGARAJAR COLLEGE OF PRECEPTORS (Aided)
Madurai.

Resource Person



Dr. K. Thiyagu
Assistant Professor,
Department of Education,
Central University of Kerala.



5th to 8th November, 2024



6:30 PM to 8:00 PM (IST)



Zoom

Registration Fees

Rs.299

CONVENER

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Dr. S. Prakash,
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NATIONAL LEVEL ONLINE WORKSHOP ON

Quantitative Data Analysis with JAMOOVI

PROGRAMME SCHEDULE

Day 1: 5th November, 2024 6:30 PM - 8:00 PM

Introduction and Descriptive Statistics

- Overview of JAMOOVI
- Exploring the JAMOOVI Interface
- Understanding Variable Types and Labels
- Descriptive Statistics: Central Tendency, Variability, and Normality
- Visualizing Data: Histogram, Density Plots, Box Plots, etc.

Day 2: 6th November, 2024 6:30 PM - 8:00 PM

Comparative Tests

- One Sample t-test
- Independent Sample t-test and Mann-Whitney U
- Paired Sample t-test and Wilcoxon Rank Test
- One-way ANOVA and Kruskal-Wallis Test
- Repeated Measures ANOVA and Friedman Test

Day 3: 7th November, 2024 6:30 PM - 8:00 PM

Advanced Statistical Methods

- Multi-Factorial ANOVA
- ANCOVA (Analysis of Covariance)
- MANOVA (Multivariate Analysis of Variance)
- Correlation and Partial Correlation Analysis
- Regression Analysis

Day 4: 8th November, 2024 6:30 PM - 8:00 PM

Reliability and Factor Analysis

- Reliability Analysis
- Factor Analysis: Exploratory and Confirmatory Approaches
- Q&A and Wrap-Up

WORKSHOP GUIDELINES

- We will provide JAMOOVI software upon registration for this workshop. You can install it before the workshop. A desktop or laptop is required to attend.
- A basic understanding of statistical concepts is recommended.
- Interactive sessions will include hands-on practice, so please ensure access to the required datasets (shared in advance).
- Certificates will be provided upon completion of the workshop.

FOR CONTACT



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