

# A ONE-DAY ONLINE WORKSHOP

*Development  
Analytics*

## ABOUT THE WORKSHOP

In the era of data-driven research, advanced statistical techniques such as Exploratory Factor Analysis (EFA), Confirmatory Factor Analysis (CFA), Structural Equation Modeling (SEM), and mediation/moderation analysis have become essential tools for researchers across disciplines. However, many scholars face challenges in implementing these methods due to software complexity and lack of hands-on training. Jamovi, an open-source statistical software built on R, provides an intuitive interface for conducting advanced analyses. This workshop aims to bridge the gap between theoretical understanding and practical application by offering hands-on training using real datasets.

**m** Madras  
**i** Institute of  
**s** Development  
**s** Studies

## ADVANCED MULTIVARIATE AND STRUCTURAL EQUATION MODELLING USING

# JAMOMI

**FROM FACTOR ANALYSIS TO MEDIATION AND  
MODERATION IN APPLIED RESEARCH**

**9 MAY 2026 10 AM-4 PM, ZOOM**

**SCAN QR TO  
REGISTER**



**REGISTRATION LINK**

<https://forms.gle/mcqqVWDEgYFvoWKb9>

**WHO IS THIS FOR**

- Postgraduate students
- Research scholars (PhD / MPhil)
- Faculty in social sciences, management, psychology, and allied fields
- Researchers with basic statistical knowledge

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*Development Analytics*

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### KEY FEATURES

- Advanced-level hands-on training
- Focus on research applications (thesis/publications)
- Step-by-step interpretation of outputs
- Use of real datasets
- Beginner-friendly interface using Jamovi

### REGISTRATION FEE

- Rs. 200 for students
- Rs. 300 for others

### PAYMENT DETAILS

Account Name Madras Institute of  
Development Studies  
Bank Name Indian Bank  
A/c no. 7141704392  
IFSC IDIB000A002  
Branch Gandhi Nagar, Adyar, Chennai  
UPI mids@indianbk

### LAST DATE TO REGISTER

7 May 2026, 5 PM

### RESOURCE PERSON

#### K RASHEED

Assistant Professor,  
Department of Management and Business  
Administration, Aliah University, Kolkata

### OBJECTIVES

- Provide hands-on training in EFA and CFA
- Develop understanding of SEM
- Conduct mediation and moderation analysis
- Enable participants to interpret outputs for academic research and publications

### EXPECTED OUTCOMES

Participants will be able to:

- Independently conduct EFA, CFA, and SEM
- Perform mediation and moderation analysis
- Interpret statistical outputs for research papers and theses
- Enhance overall data analysis and research skills

### PRE-REQUISITES

Participants are expected to have:

- Basic understanding of statistics (correlation, regression)
- Familiarity with datasets (SPSS / Excel format)
- Laptop with latest version of Jamovi installed

### ORGANIZING TEAM

M Umanath, Assistant Professor, MIDS  
K Jafar, Assistant Professor, MIDS  
K Hafsal, Assistant Professor, MIDS

### FOR ENQUIRIES, WRITE TO

[developmentanalytics@mids.ac.in](mailto:developmentanalytics@mids.ac.in)

LEARN FROM EXPERIENCED ACADEMICIANS AND  
PROFESSIONALS WITH EXPERTISE IN DATA ANALYSIS