



Faculty development Program

on

STRUCTURAL EQUATION MODELING

Using



Studio[®]

Open source & enterprise ready
professional software for R

& JASP



On 26th and 27th March 2022

Organized by



MANIPAL
ACADEMY of HIGHER EDUCATION
(Institution of Eminence Deemed to be University)

Why attend a FDP at TAPMI?

The T A Pai Management Institute (TAPMI) is one among the management Institutes with the globally coveted AACSB and AMBA accreditation. Research and Publications has been a focus area of TAPMI for several years. TAPMI has been among the top business schools for publication in India and nurtures research big time. This program is TAPMI's commitment to extent its expertise in paper publications to other management institutes to facilitate career development of the faculty in other institutes.



Why Structural Equation Modeling (SEM)?

Consider a situation where a series of dependent-independent relationships are examined simultaneously or a situation where the validity of the measure has to be established. These situations are typical in research in most disciplines like psychology, marketing, organizational and information systems. Structural Equation Modeling (SEM) provides the power to analyze such situations. In research publications use of SEM is the epitome of rigor.

Why Rstudio and JASP?

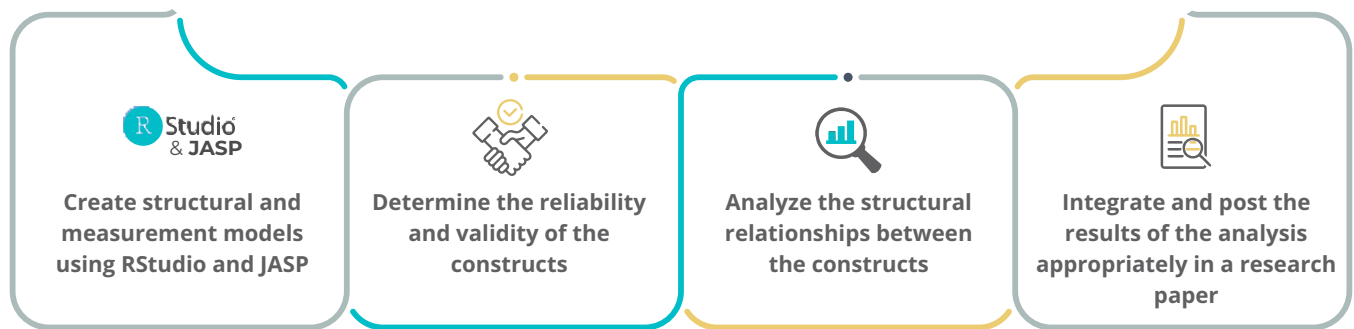


Several software packages exist for fitting structural equation models like LISREL, Mplus, Mx, EQS and Amos. However, either they are not easy to use; and even if one is determined to master its complexity, the cost of the software would be too high to fit the pocket of the institute with adequate number of licenses for entire faculty. What if one has open-source software which is easy to use and available to everyone on an individual basis which one can use at will whenever one require? What if one can help teach it to the students? One would prefer to install it in the laptop and use it at will rather than depend on expensive propriety software. This is the logic for swinging to R and JASP.

Learning

Outcomes of the Program

The Programme shall be carried out in a workshop mode using hands on lab sessions with valid data sets. After attending the program, the participant will be able to



Who should subscribe to this Program

- Faculty Members with an interest to publish.
- Faculty members who would like to teach analysis using an open-source powerful analytical tool which every student can have for free so that they can analyze any situation at any time.
- Research Scholars who wish to have seamless access to a tool anytime and anywhere.

Prerequisites An open mind and willingness to learn is all that we look for.

PROGRAM CONTENT

DAY - 1

TIME	TOPIC
9.30-11 a.m.	Introduction to RStudio, JASP and Structural Equation Modelling
11-11.15 a.m.	BREAK
11.15-12.45 p.m.	Confirmatory Factor Analysis –Hands on with RStudio and JASP Model Identification, Modification Indices, Comparison of Alternate Models

PROGRAM CONTENT

DAY - 2

TIME	TOPIC
9.30-11 a.m.	Review and Introduction to Path Analysis : Hands on with RStudio and JASP
11-11.15 a.m.	BREAK
11.15-12.45 p.m.	Reporting Results in a Research Paper



Participant Fee

Participants Category	Fee (Inclusive of GST)
Research Scholars	Rs. 1200/-
Faculty Members	Rs. 1800/-

Fee includes: Workshop registration

Resources provided

- Guidelines for downloading the software (open source and free) prior to the workshop. In case you are not able to do so, we will provide the software during the workshop and enable you to install it. We will also guide you to learn installing it from the internet resources if you need such support.
- Reading material.
- Plug and play module for SEM so that you can get on with SEM with minimal effort.
- Data sets to practice.
- Post-program support to help you analyze data.



Payment Mode:

Internet Banking or Cheque/DD deposit in Branch/ATM

The participation fee should be transferred to the following Account

Beneficiary Name	T A Pai Management Institute, Manipal
Account Number	A/c No. 007205000021
Bank Name	ICICI Bank, Manipal Branch
Type of Account	Current Account
IFSC Code	ICIC00000072

Note:

1. While making the online transaction, kindly mention "<Your Name>-SEM fee" (Eg: Rahul-SEM fee) in the Transaction Remarks field of the online registration fee
2. Cheques/ Drafts should be submitted in any ICICI Bank or branch bearing the A/C no. given above and the details should be given in the Transaction Remarks field of the online registration form. Do not send the Cheque or draft to the Institute.
3. After payment, kindly register yourself online by filling the details at <http://goo.gl/H24FF>
4. For more information, please reach us at kartikeya.bolar@manipal.edu; 0820-2701059; M:+91- 7893516364

Profile of the Facilitator

Dr. Kartikeya P.Bolar (Associate Professor,TAPMI)

Dr. Kartikeya P.Bolar has Eighteen years of Academic and Research Experience. He has spent about a year @ University of Toledo, Toledo, Ohio, USA as a Visiting Research Scholar. He has published in journals of repute, viz. International Journal of Human Computer Interaction, International Journal of Wine Business Research, Journal of Hospitality, Leisure, Tourism and Education Management Journal of Internet Banking and Commerce, Emerald Emerging Market Case Studies.

He has conducted workshops on Structural Equation Modeling, Research Methods and Business Analytics. He has attended and presented papers at both international and national conferences of repute: viz. Midwest Decision Sciences Institute (DSI), Toledo, USA; IASSIST 2010, Cornell University. His Research interests include E-commerce Diffusion, Data Mining, Business Analytics and Technology Adoption.





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