TAPMI

T. A. Pai Management Institute
Manipal, Karnataka (India)

AACSB ACCREDITED

3ʳᵈ FACULTY DEVELOPMENT PROGRAM
ON
STRUCTURAL EQUATION MODELING

Using

RStudio®
open source & enterprise ready
professional software for R

For

Research & Publications

On 6ᵗʰ and 7ᵗʰ October, 2018

Organized by
Research and Publications Committee

T A Pai Management Institute

Manipal - 576 104, Karnataka, India
Phone: 0820-2701000
Website: www.tapmi.edu.in

Why attend a FDP at TAPMI?

The T A Pai Management Institute (TAPMI) is one among the management Institutes with the globally coveted AACSB accreditation. This mandates every faculty of TAPMI to publish in reputed peer reviewed journals. Publication has been a focus area of TAPMI for several years now. We are among the top business schools for publication in India. TAPMI has 50 PhD faculty 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 as also help the institutions set higher benchmark for publication and to embark upon procuring the coveted AACSB accreditation.

Why Structured 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 research. Structural Equation Modeling (SEM) provides you the power to analyze such situations. In research publications use of SEM is considered to be the epitome of rigor.

Why RStudio?

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 you are 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 you have open source software which is easy to use and available to everyone on an individual basis which you can use at will whenever you require? What if you can help teach it to your students? Would you prefer to install it in your laptop and use it at will rather than depend on expensive propriety software? This is the logic for our swinging to R.

Learning Outcomes of the Program

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

1. Create structural and measurement models using RStudio
2. Determine the reliability and validity of the constructs
3. Analyze the structural relationships between the constructs
4. Integrate and post the results of the analysis appropriately in a research paper

Who should subscribe to this Program

➢ Faculty Members who dream of publishing.
➢ Faculty members who dream of teaching 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 – (6-Oct, 2018: Saturday)

TIME	TOPIC
9.30-11 a.m.	Bridge Session for Structural Equation Modelling
11-11.15 a.m.	TEA BREAK
11.15-12.45 p.m.	Introduction to Structural Equation Modelling
12.45-1.45 p.m.	LUNCH
1.45-3.15 p.m.	Confirmatory Factor Analysis –Hands on with RStudio
3.15-3.30 p.m.	TEA BREAK
3.30-5 p.m.	Model Identification, Modification Indices,Comparision of Alternate Models

Day 2 – (7-Oct, 2018: Sunday)

TIME	TOPIC
9.30-11 a.m.	Review and Introduction to Path Analysis : Hands on with RStudio
11-11.15 a.m.	TEA BREAK
11.15-12.45 p.m.	Reporting Results in a Research Paper
12.45-1.45 p.m.	LUNCH
1.45-3.15 p.m.	Practice Session-1
3.15-3.30 p.m.	TEA BREAK
3.30-5 p.m.	Practice Session-2

Participant Fee Break-up	
Rs. 6000/-	Base Fee
Rs. 4000/-	Additional Accommodation Fee(If Availed Only)

Base Fee includes:

✓ Workshop registration and refreshments for two days during the workshop

Resources that you will get

✓ 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.
- ✓ Options for quality enhancement for your paper and joint publication.

Payment Mode: Internet Banking or Cheque/DD deposit in Branch/ATM

The participation fee should be transferred to the following Account

Syndicate Bank A/c no: 24202200000011

RTGS/NEFT Code: SYNB0002420

Bank & Branch: Syndicate Bank, TAPMI Branch, Manipal

A/c Name: T A Pai Management Institute

Swift Code: SYNBINBB014

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/Syndicate Bank ATM 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 .

   After payment , Kindly register yourself online by filling the details at http://goo.gl/H24FF

Profile of Resource Person

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

Dr. Kartikeya P.Bolar has Fifteen 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, Journal of Internet Banking and Commerce, Emerald Emerging Market Case Studies, *IUP Journal of Management Research, IUP Journal of Systems management, IUP Journal of Business Strategy, IUP Journal of Infrastructure Management*.   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.