

Rukmini Devi Institute of Advanced Studies

Madhuban Chowk, Rohini, Delhi-110085

(Approved By AICTE & Affiliated With GGSIP University)

DOSSIER

On

WORKSHOP

On

“ADVANCED SEM USING AMOS”

At

RDIAS

on

Feb 11, 2018



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Mr. Miklesh Yadav
Assistant Professor, RDIAS

Dr. Irameet Kaur
Chairperson- Literary Club

Prof. (Dr.) Raman Garg
Director, RDIAS

FORM A

Proposal:

- **Name of the event attended:** Workshop on Advanced SEM using AMOS

- **Date:** Feb 11, 2018

- **Time:** 10:00 a.m. – 4:00 p.m.

- **Venue:** RDIAS Lab 3

- **Motivation for the activity:** The purpose of this workshop was to make the participants aware about CFA and path analysis including model fit in a research work. Dr. Seema Malik, the guest speaker, started her presentation by exemplifying the latent variable. When there are more independent variables and more dependent variables, in this case one has to apply the Structural Equation Modeling – a multiple regression technique. Understanding the same will enable us to move in the right direction of our research work in terms of testing the hypothesis. Thus, the primary objective of this programme was to enhance the research capabilities of faculty members by making them equipped with the concepts related to SEM using AMOS.

- **Convener** – Mr. Miklesh Yadav

Workshop Schedule

Date	Resource person	Details	Timing	Venue
	Dr. Seema Malik Assistant Professor, BPSMV, Sonapat, Haryana	Registration	09:45 am - 10:00 am	Lab 3, RDIAS
		Application of AMOS in multi group analysis	10:00 am - 11:30 am	
		Tea Break	11:30 am - 11:45 am	
		Common Method Biasness, Mediation and Moderation	11:45 am - 1:00 pm	
		Lunch Break	1:00 pm - 1:45 pm	
		Hands on practice on Mediation and Moderation	1:45 pm - 4:00 pm	

FORM B

Part 1

Aim of the event: In current juncture of research problem, researchers, academicians and industrialists often get problems in applying tools to test when there are more dependent variables and independent variables. Hence, it is important to enrich the intellectual capital by focusing on new knowledge integrated with the tools available like SPSS, Eviews and AMOS. Knowledge of applied research tools and methodology along with the use of software helps in integrating research and practice. To enhance the research skills of faculty members, RDIAS conducted a One Day workshop on “Advanced SEM using AMOS” on Feb 11, 2018. The Workshop thus aimed to make the participants learn about mediation and moderation effect using AMOS.

Part 2

Abstract:

The Workshop started with a brief welcome to all the participants by Dr. Madhu Arora, Associate Professor, RDIAS and introducing them to the aims of this Workshop. The speaker of the day was Dr. Seema Malik, Assistant Professor-BPSMV, Sonapat and a warm welcome was given by presenting a bouquet to the guest by Mr. Miklesh Yadav, Programme Coordinator.

Dr. Malik started her session with a basic introduction on simple regression and direct effects of independent variable on dependent variable, and gradually progressed to the analytical intricacies. Dr. Malik explained the concept of measurement model and structural model. The concept should not be confused with the related concept of structural models in econometrics, nor with structural models in economics. Structural equation models are often used to assess unobservable 'latent' constructs. They often invoke a measurement model that defines latent variables using one or more observed variables, and a structural model that imputes relationships between latent variables. The links between constructs of a structural equation model may be estimated with independent regression equations or through more involved approaches such as those employed in AMOS. Finally, Workshop ended with distribution of certificates to the participants.

Part 3

Conclusion:

One Day Workshop enriched all the external as well as internal participants with rigorous learning on various research techniques and AMOS. The Workshop was very well appreciated by all the participants and equipped all the participants with new tools and techniques to apply in their respective research areas. Detailed explanation of AMOS along with a brief about mediation and moderation effect opened new avenues for researchers while triggering their inquisitive minds. Overall, the Workshop proved to be highly fruitful, enjoyable and a great learning experience for all the participants.

Snapshots of the Workshop



Dr. Madhu Arora introducing the Resource Person!!!



Programme Coordinator presenting bouquet to Dr. Seema Malik



Dr. Seema Malik sharing her knowledge with the participants!!!



Participants with their certificate!!!