



UPM
UNIVERSITI PUTRA MALAYSIA
BERILMU BERBAKTI

**SEKOLAH
PERNIAGAAN DAN
EKONOMI**
School of Business and Economics

EXECUTIVE TRAINING PROGRAM (ETP)

BASIC WORKSHOP ON STRUCTURAL EQUATION MODELLING (SEM) USING AMOS

19th – 20th September 2023

SCL 2, 1st Floor, Block E,

School of Business and Economics, UPM

The workshop will expose participants with the application of Structural Equation Modeling or SEM, the Second Generation Statistical Method. SEM is widely used by researchers to analyze the inter-relationships among constructs in a model.

Upon understanding the concept of SEM, the participants will enjoy the hands-on guides on how to execute SEM using AMOS software, and also how to interpret the results.

FEE: RM500

Notes & E-Certificate are provided

LIMITED TO 25 PAX ONLY!

SCAN TO REGISTER



EXECUTIVE DEVELOPMENT AND INDUSTRIAL LINKAGES UNIT,
SCHOOL OF BUSINESS AND ECONOMICS
edil_fep@upm.edu.my



AGRICULTURE • INNOVATION • LIFE

BERILMU BERBAKTI
WITH KNOWLEDGE WE SERVE



UPM
UNIVERSITI PUTRA MALAYSIA
BERILMU BERBAKTI

**SEKOLAH
PERNIAGAAN DAN
EKONOMI**
School of Business and Economics

ABOUT THE SPEAKER



Dr. Anusuiya A/P Subramaniam
Senior Lecturer
School of Business and Economics, UPM

Dr. Anusuiya A/P Subramaniam is a Senior Lecturer at School of Business & Economics, Universiti Putra Malaysia (UPM). Her research interests include human resource development, work and organisational psychology, leadership and management.

She also portrays the role as the Editorial Board Member/Associate Editor for BMC Health Services Research, an ISI journal. She is also a Certified Professional Trainer from the Malaysian Institute of Management (MIM-CPT).

She is experienced in conducting workshops related to Systematic Way of Identifying and Writing a Research Problem and as well as Quantitative Data Analysis using SPSS and SEM-AMOS software. She has worked in leading organizations in various industries before becoming an academic.



AGRICULTURE • INNOVATION • LIFE

BERILMU BERBAKTI
WITH KNOWLEDGE WE SERVE



COURSE CONTENT

INTRODUCTION TO SEM AND AMOS

- What is SEM and AMOS
- SEM terminologies
- Assumptions in SEM
- Criteria for assessment of CFA models in SEM

STAGES IN SEM ANALYSES

- Stage One: Measurement Model Assessment
 - ❖ *Assessing the Unidimensionality (Condition 1)*
 - ❖ *Reliability and Validity of the Constructs (Condition 2)*
- Stage Two: Full-fledged Structural Model Assessment
 - ❖ *Specifying structural model*
 - ❖ *Types of structural model*
 - ❖ *Assessing structural model validity*
 - ❖ *Assessing structural model fit*

MULTI MODEL PATH ANALYSIS

- Assessment of Direct path Model vs. Indirect Path Model
- Defining Direct and Indirect Models

TEST OF MEDIATION EFFECT

TEST OF MODERATION EFFECT



UPM
UNIVERSITI PUTRA MALAYSIA
BERILMU BERBAKTI

**SEKOLAH
PERNIAGAAN DAN
EKONOMI**
School of Business and Economics

GUIDE



Pre-Workshop Survey



Post-Workshop Survey



Chapter 599th
BETA GAMMA SIGMA
THE INTERNATIONAL BUSINESS HONOR SOCIETY



AGRICULTURE • INNOVATION • LIFE

BERILMU BERBAKTI
WITH KNOWLEDGE WE SERVE



SCHEDULE

DAY 1: 19th SEPTEMBER 2023 | TUESDAY

TIME

EVENT

- 9.00am • Introduction to SEM and AMOS.
- 11.00am • Stages in SEM Analyses (Stage One: Measurement Model Assessment)

1.00pm **BREAK**

- 2.00pm • Stages in SEM Analyses (Stage Two: Full-Fledged Structural Model Assessment)

5.00pm **FINISHED**

DAY 2: 20th SEPTEMBER 2023 | WEDNESDAY

- 9.00am • Multi Model Path Analysis

- 11.00am • Test of Mediation Effect

1.00pm **BREAK**

- 2.00pm • Test of Moderation Effect

5.00pm **FINISHED**