

### Target Participants

- ❖ University / College Faculties
- ❖ Research Scholars

### Workshop Registration Fee:

The registration fees is ₹. 500/- payable through online payment mode (i.e. NEFT / IMPS) to the following account details:

A/C Name	Sikkim University
A/C Number	112010100231541
Bank Name	Axis Bank
Branch Name	Gangtok
IFSC	UTIB0000112

Registration fee will cover working lunch and refreshment along with workshop kit. Participants are requested to arrange their own accommodation. Participants are advised to bring their own laptop for hands on training on both days.

### Workshop Registration Link:

After paying the registration fee kindly note down the Online Payment Reference Number and Date which is required to fill the Online Registration Form. The online registration form web-link is given below: [Registration Form](#)

### ORGANIZING COMMITTEE

#### Chief Patron

**Prof. AVINASH KHARE,**  
*Vice-Chancellor, Sikkim University*

#### Mentor

**Prof. ABHIJIT DUTTA,**  
*Dean, School of Professional Studies,*

#### Executive Organizing Members

**Dr. A. N. SHANKAR,**  
*Associate Professor in Commerce, SU*

**Shri BIVEK TAMANG,**  
*Assistant Professor in Commerce, SU*

**Dr. B. MUTHU PANDIAN,**  
*Assistant Professor in Commerce, SU*

**Shri RAKESH BASNET,**  
*Assistant Professor in Commerce, SU*

**Dr. RAVI SHEKHAR VISHAL,**  
*Assistant Professor in Commerce, SU*

#### Workshop Convener

**Prof. S.S.MAHAPATRA,**  
**Head, Department of Commerce,**  
**School of Professional Studies,**  
**Sikkim University | Barad Sadan Building**  
**| 5<sup>th</sup> Mile | Tadong | Gangtok - 737102 |**  
**Sikkim (East)**

**Mobile: + 91 9434864303**

**E-mail ID: [ssmahapatra@cus.ac.in](mailto:ssmahapatra@cus.ac.in)**

### TWO DAY WORKSHOP ON

# Structural Equation Modelling using **AMOS**

**10<sup>th</sup> & 11<sup>th</sup> November, 2019**  
**(Sunday & Monday)**

Organized by



**Department of Commerce**  
**(School of Professional Studies),**  
**Sikkim University, Gangtok, Sikkim**

*Last Date for Registration*

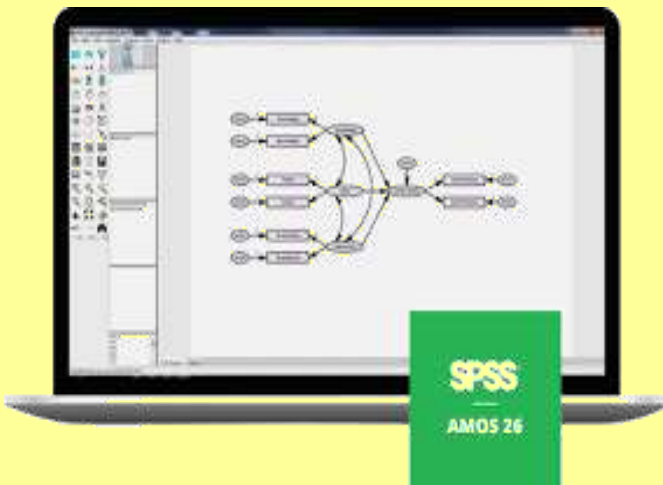
**5<sup>th</sup> November 2019**

*Date of Confirmation*

**7<sup>th</sup> November 2019**

### Sikkim University:

Sikkim University is established on 2<sup>nd</sup> July 2007 by an Act of Parliament of India. The University has been contributing substantively to the nation building process by galvanizing the academic endeavors and creative instinct of the youth by mobilizing the intellectual heritage of the region. The PG Department of Commerce of the University is functional since August 2013. The department's strength in terms of academicians is 7 members with intake capacity 30 students in each semester. The members of faculty take pride in actively organizing special talks by regional experts as a routine academic activity.



### Background of the Workshop:

Structural Equation Modelling is a powerful multivariate data analysis technique which is widely used in many areas of research. It allows both confirmatory and exploratory modeling. Factor analysis, path analysis and regression are all special cases of SEM. Structural Equation Modeling finds wide-spread application in all the major fields of study such as Economics, Social Sciences, Biology, Psychology, Education, Healthcare, and Business. SEM using AMOS enables to specify, estimate, assess and present models to show hypothesized relationships among variables. SPSS AMOS allows researchers to build attitudinal and behavioral models that reflect complex relationships.

### Workshop Objectives:

1. Get the participants' acquainted with current research in Structural Equation Modeling using AMOS.
2. Practical application of Structural Equation Modeling through AMOS. By the end of the workshop participants should be in a position to use the various Structural Equation Model's using AMOS.

### Resource Person:

**Dr. Gautam Bandyopadhyay,**  
*Associate Professor,*  
*Department of Management Studies,*  
*National Institute of Technology (NIT),*  
*Durgapur (WB)*

### Training Outline:

#### Day - 1 : 10<sup>th</sup> November 2019 ( Sunday)

10.30 AM to 1.00 PM

Application of Multivariate Analysis  
Using SPSS / R Studio

1.00 PM to 2.00 PM

Lunch Break

2.00 PM to 4.30 PM

Factor Analysis  
Using SPSS / R Studio

#### Day - 2 : 11<sup>th</sup> November 2019 ( Monday)

10.30 AM to 1.00 PM

Concept of Structural Equation Modeling  
(SEM) Using AMOS

1.00 PM to 2.00 PM

Lunch Break

2.00 PM to 4.30 PM

Case study of SEM Using AMOS