

KEY RESOURCE PERSON



*Prof (Dr). Shailesh Kumar Kaushal,
Associate Professor,
University of Lucknow, Lucknow.*

ORGANIZING SECRETARIES

- Mrs. Shibani Sharma,
Asst. Prof., School of Management, GMU
- Dr. Gnyana Ranjan Bal,
Asst. Prof., School of Commerce, GMU
- Mr. Subash Jhankar,
Asst. Prof., School of Commerce, GMU

ORGANISING TEAM

- Dr. Sandhyarani Sahu, Asst. Prof.
- Mr. Sandeep Mukharjee, Asst. Prof.
- Ms. Sweety Vaisnani, Asst. Prof.
- Mr. Bikash Sethi, Asst. Prof.
- Mrs. Laxmipriya Panda, Asst. Prof.
- Mrs. Barnali Mishra, Asst. Prof.

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(I/C),
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G.M. University, Amruta Vihar.*



*Dr. Priyabrata Panda
HoD, School of Commerce,
G.M. University, Amruta Vihar*

INVITATION



**GANGADHAR MEHER UNIVERSITY,
Amruta Vihar,
Sambalpur-768004 (Odisha)**

Two Day National Workshop On

**“Structural Equation Modeling
using
AMOS: Application in Social
Science Research”**

09th to 10th September, 2025



09th to 10th September, 2025

10:00 am - 5:00 pm

**Jointly Organized by:
School of Management & School of Commerce**

ABOUT THE WORKSHOP

The National Workshop on " Structural Equation Modeling using AMOS: Application in Social Science Research." aims to provide participants with a comprehensive understanding of advanced data analysis techniques. Designed for researchers, academicians, and students, the workshop will focus on statistical tools, data processing, hypothesis testing, and result interpretation using AMOS. Through hands-on training sessions, participants will gain practical insights into applying statistical methods in research.

This workshop is jointly organized by the Management to enhance research proficiency and analytical skills. The sessions will be conducted by experienced resource persons, ensuring an interactive and insightful learning experience. Participants will develop the expertise needed to conduct high-quality, data-driven research effectively.

WORKSHOP SCHEDULE

DAY-1 (09.09.2025)			
INAUGURATION			
Time	Session	Topic	Resource person
09.09.2025 10 am- 12 noon	Technical session 1	Research design: Qualitative vs. Quantitative research, Measurement and Scaling, Questionnaire designing, and Sample size determination	Prof (Dr.) Shailesh Kaushal, Professor, Department of Business Administration, University of Lucknow
09.09.2025 1 pm- 2 pm	Technical session 2	Assessing Normality, reliability and Homogeneity: K-S Test and Levene's Test. Parametric Test: One Sample t- test, Independent t-test, Paired t- test, ANOVA, and Repeated Measure ANOVA.	
09.09.2025 3 pm- 4 pm	Technical session 3	Non-parametric test: One Sample Wilcoxon test, Mann- Whitney U test, Wilcoxon- Rank Signed Test, Kruskal-Wallis Test, Friedman ANOVA, and Chi-square test.	Prof (Dr.) Shailesh Kaushal, Professor, Department of Business Administration, University of Lucknow
09.09.2025 4 pm - 5 pm	Technical session 4	Multiple Regression Analysis: Assumptions- Linearity, Constant Variance, Independence and Normality of Error Term. Exploratory Factor Analysis: Assumptions- Kaiser-Meyer-Olkin Test of Sphericity, Barlett's Test of Sphericity, etc.	
DAY-2 (10.09.2025)			
10.09.2025 10 am-1 pm	Technical session 1	Introduction to Covariance Based Structural Equation Modeling: Confirmatory Factor Analysis and Testing of Structural Model.	Prof (Dr.) Shailesh Kaushal, Professor, Department of Business Administration, University of Lucknow
10.09.2025 2 pm - 5 pm	Technical session 2	Confirmatory Factor Analysis with AMOS Software, Estimating Reliability, and Validity: Convergent, Discriminant, Nomological and Face Validity, Testing of Structural Model	
Feedback			

WHO SHOULD PARTICIPATE

The Workshop is open for researchers of all disciplines, Academicians & Professionals.

- UG, PG students & Research Scholars.
- Corporate Personnel.

IMPORTANT DATES:

Opening Date for Registration: **24. 07.2025**

Closing Date for Registration: **07.09.2025 (6:00 PM)**

Intimation to Registered Participants by Email: **08.09.2025**

*Contact Details for any Queries:

Mr. Khageswar Sahu- **8658313268**

Mr. Bikash Sethy- **6372144562**

FEE REGISTRATION PROCESS

Participants Category

UG/PG Students: INR. 400/-

Ph.D. & Other Participants: INR. 700/-

Corporate Participants: INR. 1000/-

Registration fee is meant for participation in the workshop, e-certificate & e-access to the workshop. (No Accommodation will be provided)

Registration fees can be transferred through mobile apps/online banking/mobile banking etc. to the following account number and upload the screenshot/photocopy of the transaction reference number.

Account Holder Name:

HoD, Dept. of Professional Studies

Account Number:

21010110041697

IFSC Code:

UCBA0002101

Bank Name:

UCO BANK

Branch:

Budharaja, Sambalpur



REGISTRATION LINK

Participants should fill up the registration form by clicking on the following link.

<https://forms.gle/rFEie7faBZufnh2a8>

- ❖ The workshop will be on Blended Mode and the link will be sent to the participants well in advance to their registered email and mobile number.

WORKSHOP OBJECTIVES

Participants will be able to:

✓ To equip participants with advanced data analysis techniques using SPSS, enhancing their research methodology and statistical interpretation skills.

✓ To provide hands-on training in data processing, hypothesis testing, and result interpretation, enabling participants to conduct robust and reliable research.

Workshop 09th to 10th September, 2025