

KEY RESOURCE PERSON



Prof.(Dr.) Saket Jeswani,
Dean, Faculty of Commerce and
Management,
Kalinga University, Raipur

ORGANIZING SECRETARIES

- Dr. Muralidhar Majhi,
Asst. Prof. School of Economics, GMU
- Dr. Gnyana Ranjan Bal,
Asst. Prof. School of Commerce, GMU
- Shibani Sharma,
Asst. Prof. School of Management, GMU

ORGANISING TEAM

- Dr. Priyadarshi Joshi, Asst. Prof.
- Dr. Sandhyarani Sahu, Asst. Prof.
- Mr. Sandeep Mukharjee, Asst. Prof.
- Ms. Sweety Vaisnani, Asst. Prof.
- Mr. Bikash Sethi, Asst. Prof.
- Mrs. Laxmi Panda, Asst. Prof.

OUR ESTEEMED PATRONS



Chief Patron
Prof. N. Nagaraju
Vice Chancellor,
G.M. University.



Patron
Prof. Gyanaranjan
Swain
Chairman, P.G. Council,
G.M. University.



Patron
Sri Sanat Kumar Naik
Registrar,
G.M. University.



Patron
Dr. Uma Charan Pati
Dy. Registrar,
G.M. University.

CONVENERS



Dr. Srinibash Dash
HoD, School of Management,
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

“Advanced Research
Methodology and Data Analysis
using SPSS.”

10th to 11th March, 2025



10th to 11th March, 2025

10:00 am - 5:00 pm

Jointly Organized by:
School of Commerce & Management
and School of Economics.

ABOUT THE WORKSHOP

The National Workshop on "Advanced Research Data Analysis: Enhancing Methodology with SPSS" 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 SPSS. Through hands-on training sessions, participants will gain practical insights into applying statistical methods in research.

This workshop is jointly organized by the School of Commerce and Management in collaboration with the Department of Economics 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

FIRST DAY TECHNICAL SESSION (10.03.2025)			
DATE & TIME.	SESSION	TOPIC	RESOURCE PERSON
10.03.2025	1 st Technical Session	Introduction: Type of Scale of Measurements, Choosing appropriate scale and measurement to the data, Preparing codebook. SPSS: Starting SPSS, Working with data file, SPSS windows, Menus, Dialogue boxes. Preparing the Data file: Creating data file and entering data, Defining the variables, Entering data, modifying data file, import file. Screening and cleaning data, Manipulation of data.	Prof.(Dr). Saket Jeswani, Dean, Faculty of Commerce and Management, Kalinga University, Raipur
10.03.2025	2 nd Technical Session	Preliminary Analysis: Descriptive statistics, Categorical variables, continuous variables, check normality, outliers checking. Choosing the right statistics: Overview of different statistical techniques, Decision making process.	
10.03.2025	3 rd Technical Session	Statistical techniques: Compare means : One sample and two Independent sample t test, Paired Sample t test, One way Analysis of variance, Two way ANOVA, Analysis of Covariance, Repeated measures.	
SECOND DAY TECHNICAL SESSION (11.03.2025)			
DATE & TIME.	SESSION	TOPIC	RESOURCE PERSON
11.03.2025	1 st Technical Session	Non-Parametric statistics: Independent Chi square Test, Mann- Whitney test, <u>Wilcoxon</u> signed rank test, <u>Kruskal-</u> Wallis test.	Prof.(Dr). Saket Jeswani, Dean, Faculty of Commerce and Management, Kalinga University, Raipur
11.03.2025	2 nd Technical Session	Advanced Models: Multivariate statistical Techniques. Correlation: Pearson product moment correlation, Spearman rank correlation, Partial correlation, Simple linear regression, Multiple Linear Regression: Assumptions, overall significance, <u>multicollinearity</u> and Discriminate Analysis.	

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: **15.02.2025**

Closing Date for Registration: **09.03.2025 (6:00PM)**

Intimation to Registered Participants by Email: **09.03.2025**

*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/upgQeGBxH2uxAQim8>

- ❖ 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
10th to 11th
March, 2025**