



**Workshop on Research Methodology in Social Sciences**  
**27<sup>th</sup>February – 02<sup>nd</sup>March2024**  
**Organised by School of Professional Studies, Sikkim University**  
**Registration Link: <https://forms.gle/2j1YxXF7ojerTxxH6>**

### **About the Workshop**

*Research is of paramount significance in the modern world; its effective conduct and presentation ensures application in academics and industry. Ranging from academics to practitioners,' implications of step wise research have contributed to effective decisions. Statistics and statistical analysis play a crucial role in research and analyzing data. The aim of this workshop is to provide hands on training in demonstration of research and statistical analysis using Free & Open Sources (Jamovi) Software. This workshop will help the participants in applying proper research methodology and improving their analysis by applying various statistical techniques.*

### **Objectives of Workshop**

*The objective of workshop is to cover theoretical discussion and practical exposure;including topics such as selection of research problem, parts of thesis, sampling, formulation of hypotheses and their testing, selection of appropriate research methodology, statistical analysis, citation styles, research ethics, etc.. Research problems of the participants if any will also be discussed. Further, participants will also be exposed to use Free Open-Source data analysis packages Jomavi.*

### **Topics to be covered**

- Day 1:** *Formulation of Research idea, Systematic Literature Review and Bibliometric Analysis*
- Day 2:** *Sample Design, Construction of Survey Instruments, Understand the Data & its Structure, Interface of Jomavi.*
- Day 3:** *Descriptive Statistics & Visualization Test of Normality, Parametric & Non – Parametric Statistical Test Suitability, Data Reduction Techniques: Factor & Cluster Analysis*
- Day 4:** *Cross Tabulation & Test of Associations, Hypothesis Testing: One Sample Test, Related & Independent Sample Test & Variance Test (Parametric & Non-Parametric tests). Correlation and Regression Analysis.*
- Day 5:** *Reference Management Tools, Drafting the Research Proposal & Research Ethics & Plagiarism.*

### **Who should attend?**

*The faculty members of universities, research scholars& PG Students of Social Sciences, participants from Government, Industry (Bureaucrats / Technicians / Industry experts, etc.) and professionals.*

### **Important Dates**

<b>Online Registration (Last Date)</b> 23.02.2024	<b>Selection list by E-mail</b> 25.02.2024	<b>Confirmation of participation</b> 26.02.2024
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## Resources Persons

**Prof. S N Dhar**, Professor, Department of Commerce, University of North Bengal, West Bengal.  
Senior Members of Faculty from the School of Professional Studies, Sikkim University, Gangtok.

## Important information to the participants

### REGISTRATION FEES ₹. 500/- (Non-Refundable).

Name of the Bank & Branch	Account Name	Account Number   IFSC Code
AXIS Bank, Gangtok	Sikkim University	112010100231541 UTIB0000112

- ✓ Registration fees includes the **Workshop Kit, Working Lunch & Light Refreshment** during the workshop.
- ✓ **We express regret for inability to provide the accommodation. Kindly arrange for yourself.**
- ✓ Participants are requested to register only through <https://forms.gle/2j1YxXF7ojerTxxH6>
- ✓ Number of participants is limited upto 40 and will be selected on first - come first - serve basis.
- ✓ Participants are kindly requested to bring their laptop for Hands on Training.
- ✓ It is also mandatory for the all participants to attend all the sessions to earn the course certificate.

## Patron

**Prof. AVINASH KHARE**

Vice - Chancellor, Sikkim University, Gangtok, Sikkim

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