



SINDHI COLLEGE

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Sponsors: Sindhi Seva Samiti
Permanently affiliated to Bengaluru City University,
Re-Accredited by NAAC B++, Recognized by UGC under 2(f) &12(B)
ISO 9001:2015 Certified Institution
33/2B, Hebbal, Kempapura, Bengaluru, Karnataka, India

In Association with



PRIMAX FOUNDATION



(Registered Under Karnataka Societies Registration Act 1960)
Reg. No. JNR-S211-2015-16, MSME Reg. No.: UDYAM-KR-03-0144791
CSR Reg. No.: CSR00038642, NITI AAYOG Reg.No. :KA/2022/0318909
Bengaluru, Karnataka, India

Organizing

8 DAY ONLINE - FACULTY DEVELOPMENT PROGRAM

ON

**“QUANTITATIVE DATA ANALYSIS USING
SPSS WITH INTERPRETATION AND
WRITING RESEARCH ARTICLE WITH AI”**



Registration Fee
Rs. 900/-

**14th to 21st
June | 2024**

For Registration

CLICK ME

Time: 6.00 PM to 8.00 PM

About Sindhi College, Bengaluru

Sindhi College, Bengaluru was established in the year 2002, under the aegis of Sindhi Seva Samiti, a philanthropic organisation managed by the Sindhis with, "**Service to Human kind**" as their motto and was inaugurated by Sri. L.K. ADVANI the then Deputy Prime Minister of India and Sri.S.M.Krishna the then Chief Minister of Karnataka. Since then, the growth of the Institution has been phenomenal and is recognised as one of the premier institutions not only in the city of Bengaluru but also among the other states of India. **The college is permanently affiliated to Bengaluru City University.** It is a self-financing, co-education college imparting quality education in the streams of Humanities, Science, Commerce and Management offering UG and PG courses.

About Primax Foundation, Bengaluru

Primax Foundation (Reg. No JNR-211-2015-16), Established in 2015 is a registered non-profit organization located in Bengaluru, Karnataka, India. Committed to social development, it offers high-quality educational and professional development opportunities through workshops, conferences, seminars, and training programs. These programs encompass journal publications, faculty development, management development, educational and skill development initiatives, and research activities. As an emerging training and development center, Primax Foundation provides both on-campus and off-campus programs, empowering students, research scholars, and faculty members with the knowledge and skills needed for academic and professional success.

About the Workshop

This online workshop aims to develop an understanding on how to utilize the various concept of research methodologies. It helps the participants to gain knowledge on data analysis using the SPSS tool providing experiential learning and also assists in problem solving. The program is designed to cover all the relevant aspects of statistical tools in the social science research.

Objective:

1. Provide an overview pertaining to the basic of research for doing data analysis in social science research.
2. Provide insight about the purpose and selection of statistical test based on the objective.



Who Can Join

Faculties, Research Scholars, PG Students and Corporates.



TOPICS TO BE COVERED

Date	Content	Resource Person
Day 1 (3 Hrs.)	Introduction to Research & statistics	Dr. Aarthy Christ University Bengaluru
	Types of variables	
	Qualitative Vs Quantitative Data & Method of Data Collection	
	Measurement of Scale	
	Identification of Problem & Formulation of Problem	
	Formulation of Objectives & Hypotheses	
	Construction of Good Questionnaires	
	Population, Census, Sample and Sampling Techniques Determination of Sample Size	
	Meaning of Parametric and Non-parametric	
	p Value (Significance Level)	
Day 2 (2 Hrs.)	Preparation of Questionnaire, Data Entry using SPSS	Dr. Janani Ravinagarajan VIT University Chennai
	Reliability & Validity	
	Frequencies	
	Descriptive Statistics	
Day 3 (2 Hrs.)	Writing of Hypotheses	Dr. Arthi Kristu Jayanti College Bengaluru
	One sample t- test	
	Independent Sample t-test	
	Paired t –test, Chi- Square & Content analysis & Reliability Test	
Day 4 (2 Hrs.)	One Way and Two Way ANOVA	Dr. Somasundaram Kristu Jayanti College Bengaluru
	Factor Analysis, Clusters Analysis, Multidimensional Scaling Analysis	
Day 5 (2 Hrs.)	Correlation and Regression Analysis	Dr. Sathish Christ University Bengaluru
Day 6 (2 Hrs.)	Mediation and Moderation based Regression Analysis	Dr. Arthi Kristu Jayanti College Bengaluru
Day 7 (2 Hrs.)	How to Write a Research Article, Selection of Journals indexed in Scopus, Web of Science, ADBC Listed Journals etc.	Dr. Sathish. P Christ University Bengaluru
Day 8 (2 Hrs.)	AI based tools for Research writing: Introduction to 15+ AI tools specific for the various aspects of scientific writing and publishing: validating research questions, literature review, Gen-AI writing, grant writing, presentation, image creation, data analysis, and more	Dr. Sowmiya Rani Editor, Editage Founder, Sowmis_AWW Coimbatore

Key Information

- Duration : **8 days (14-06-2024 to 21-06-2024)**
- Timings : **6 PM to 8 PM**
- Registration fees : **Rs.900** for participants from India and 50 US \$ for participants from outside India
- Only 50 seats are available, therefore registration shall be made on first come first serve basis.
- Recorded session link will be provided (Only View Option Max. Five Days)
- All participants will receive 'e-Certificate of Participation' after successful completion of the program
- Trial version of SPSS software will be provided to the registered participants

PATRONS

Sri Sanjeev Atmaram

President, Sindhi College
Bengaluru, Karnataka

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Bengaluru, Karnataka

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Happiness comes from giving Happiness...