

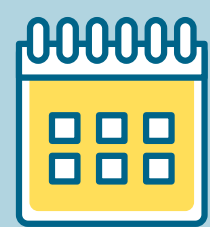


JYOTI NIVAS COLLEGE AUTONOMOUS POST GRADUATE CENTRE, BENGALURU

RE-ACCREDITED BY NAAC WITH A+ GRADE

DEPARTMENT OF MBA AND M.COM(FA)

5 DAY FACULTY DEVELOPMENT PROGRAMME ON EXPLORING RESEARCH USING SPSS



28/11/2022- 02 /12/2022

Time: 1:00pm-3:00pm



CHIEF PATRON

Dr. Sr. Lalitha Thomas
PRINCIPAL

JYOTI NIVAS COLLEGE AUTONOMOUS



RESOURCE PERSON

Dr. Ratchana R
ASSISTANT PROFESSOR
ISME, BENGALURU

Platform:

Microsoft
Teams



ABOUT THE COLLEGE



Jyoti Nivas College Autonomous, Bengaluru (India) was founded in 1966 as a minority Christian college by the Sisters of St. Joseph of Tarbes, with the specific aim of providing an opportunity for higher education for young women in India.

For over 50 years the college has been committed to the intellectual progress and spiritual development of young women from across India and other parts of the world. In recognition of its dedication to the cause of women's education and its commitment to excellence for these past five years, it has received many honours and numerous awards.

The Post-Graduate Centre began in 1991 with MA in English, followed by MCA, MBA, MSc Chemistry, M.Com (FA), and M.Voc (Banking and finance). The Postgraduate Studies programme has added new and emerging areas to the curriculum and adopted an innovative and engaging teaching methodology with the aim of inspiring young women to better themselves and stand apart from the mass.



About SPSS

SPSS is short for Statistical Package for the Social Sciences, and it's used by various kinds of researchers for complex statistical data analysis. The SPSS software package was created for the management and statistical analysis of social science data. As the world standard for social science data analysis, SPSS is widely coveted due to its straightforward and English-like command language and impressively thorough user manual. SPSS is used by market researchers, health researchers, survey companies, government entities, education researchers, data miners, and many more for processing and analyzing survey data, such as those you collect with an online survey platform. Most top research agencies use SPSS to analyze survey data and mine text data so that they can get the most out of their research and survey projects.

About JAMOVI

Jamovi is a free and open-source computer program for data analysis and performing statistical tests. Jamovi is an open-source graphical user interface for the R programming language. It is used in statistical research, especially as a tool for ANOVA (analysis of variance) and to understand statistical inference. It can also be used for linear regression, mixed and Bayesian models. Data is entered into a spreadsheet interface that can be imported into Jamovi. Over 40 modules have been created by the jamovi community and extend the functionality of the program. These additional analyses include agreement and reliability analyses mediation models, meta-analysis, power analysis, psychometrics, structural equation models, and survival analysis.

Key Takeaways

- **PPT**
- **Data sets**
- **E-certificates**
- **Recording of all sessions**



SCHEDULE

Date	Time	Topic Coverage
28th November 2022	1:30-3PM	INTRODUCTION TO THE SOFTWARE: SPSS
		Data Entry & Data Cleaning
		Basic functions: Merge, Recode, Transform, Analyze & Graphs
		Special functions: Select & Sort cases, Splitfile, Missing frequency analysis
		Assumptions of Normality, Linearity, Homogeneity of Variance
		Univariate Analysis – Mean, Median, Mode, Standard deviation
29th November 2022	1-3PM	BIVARIATE ANALYSIS
		Hypothesis testing (Parametric & Non-parametric tests)
		Correlation & Simple Regression
		Cross-tabulation & Chi square test
30th November 2022	1-3PM	MULTIVARIATE ANALYSIS
		Multiple Regression
		Times Series Analysis
		Panel Data Regression
1st December 2022	1-3PM	MULTIVARIATE ANALYSIS
		Exploratory Factor Analysis
		Confirmatory Factor Analysis
		Structural Equation Modeling
		Mediation, Moderation effects
2nd December 2022	1-3PM	INTRODUCTION TO OPEN SOURCE STATISTICAL ANALYSIS SOFTWARE
		Jamovi (Interface and Operations)
		Jasp (Interface and Operations)

CO-ORDINATORS

Dr.Percy Bose -7639261015
Mr.Vincent Paul -9071997142

REGISTRATION LINK

https://docs.google.com/forms/d/e/1FAIpQLSeQ2geXEOsCbgEHsrvUnuYLpXJQoncBRZ3_LBVV-EknRF3_yg/viewform?usp=sf_link

REGISTRATION FEE

- Research Scholar- RS.500
- Academician-RS.750
- Corporate Delegate-RS.1000

Scan to Pay

