

Three Days Offline Workshop
On

Statistics and Data Handling through Excel and SPSS

(for the Faculty Members/Research Scholars)

Jointly Organized by
CDS, Department of Economics, Department of Statistics & Department of Zoology
Rajiv Gandhi University

18th to 20th May, 2022



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About the workshop:

The use of statistical tools and techniques for qualitative research is found to be enormous in recent times. A clear understanding of the theoretical issues and the skill of operating the software are two significant requirements for proper use of such tools and techniques. With this backdrop, the aim of the workshop is to provide a proper understanding of some of the important statistical tools and techniques and for enhancing the skill in handling of software. The **THREE** days offline workshop on “**Statistics and Data Handling through Excel and SPSS**” will be held during **18th to 20th May, 2022** for Faculty Members and Research Scholars.

How to apply: Interested faculty/research scholars may submit the filled-in application form using the link <https://forms.gle/oMEB2hi9Sa2LCw86A>. Around 30 participants will be selected for the workshop. The last date of submission of application form is 13th May, 2022.

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Tentative Schedule

Date & day	9.30-11.00	11.00-12.30	12.30-1.30	1.30-3.00	3.00-4.30
18-05-2022 (Wednesday)	Description & Exploratory analysis	Basic Probability distributions	Lunch	Hands on Session (Preparing frequency distribution, chart, measure of central tendency, dispersion, skewness, kurtosis, idea of outlier, idea of normal distribution etc.)	
19-05-2022 (Thursday)	Correlation and Different types of Regression analysis	Test of Significance for qualitative and quantitative variables	Lunch	Hands on Session (Parametric and Non-parametric correlation, simple regression, multiple regression, non-linear regression convertible to linear, checking of assumptions of linear regression, test of significance of means, proportions)	
20-05-2022 (Friday)	ANOVA	Hands on Session (Testing of equality of several means and validation of assumptions)	Lunch	Factor Analysis	Hands on Session (Understanding of dimension of data and its dimension reduction, generating index, naming factor variables etc.)

