



One Week Online Training Program on Data Analysis Using MS Excel and SPSS Software (27-31, January 2022)

Chief Patron

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Patrons

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Dr. Abhimanyu S. Yadav
Dr. Arun Kaushik
Dr. Mukesh Kumar
Dr. Rakesh Ranjan
Dr. Ankita Gupta
Dr. Suparna Basu
Dr. Reema Sharma

Objective:

Statistical analysis is an integral part of any scientific study that includes data organizations, data display through graphs, model fittings and other computational components. The visualization of the inherent characteristics of the raw data is also an important part of the data analysis. The appropriate understanding of statistical methodologies and manipulation with software such as MS Excel & SPSS lead to an effective data analysis. Researchers/ scientists/industry practitioners must be equipped with the knowledge of modern statistical methods and computing facilities to perform useful statistical analysis. Therefore, this training program is proposed with the aim to transmit knowledge on the understanding of statistical data with its manipulation and methodologies with their implementations through MS Excel and SPSS software. Eminent speakers from the department and the other reputed institutions will deliver live sessions based on the following course contents.

Contents:

MS Excel

Introduction to MS Excel
Inbuilt functions & Data Structure
Tabular and graphical representation of data
Numerical Descriptors
Normality of data
Statistical tests (t, F and Z)
ANOVA
Bivariate data analysis
Goodness of fit-test
Simulation random Sample
Introduction to PCA

SPSS

Introduction to SPSS
Managing data and files
Transferring Data and Files
Tabular & graphical representation of data
Numerical Descriptors
Normality of data
Statistical tests
ANOVA
Bivariate data analysis
Goodness of fit-test
Introduction to PCA

Who can attend:

PG/Research scholars and faculty members from Science/Life science/social science, management and other related disciplines.

Maximum Seats: 100,

Last date: 10/01/2022

Registration link: <https://forms.gle/E815nCd1dfQYYJzY9>

Fees: Rs. 1000/ Non-refundable (Details of payment procedure will be provided Later)

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