

# DATA ANALYSIS TECHNIQUES

## Using SPSS Software

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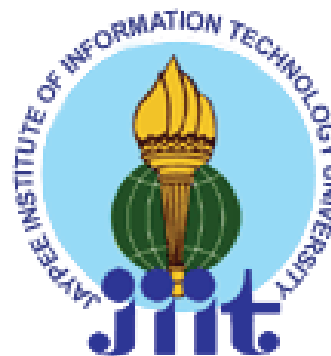
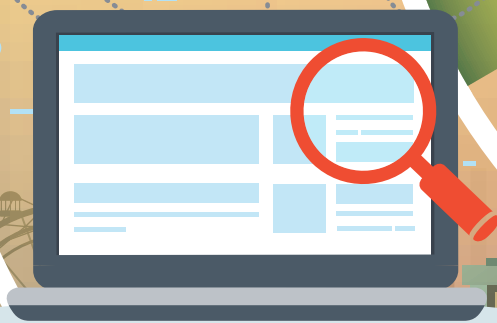
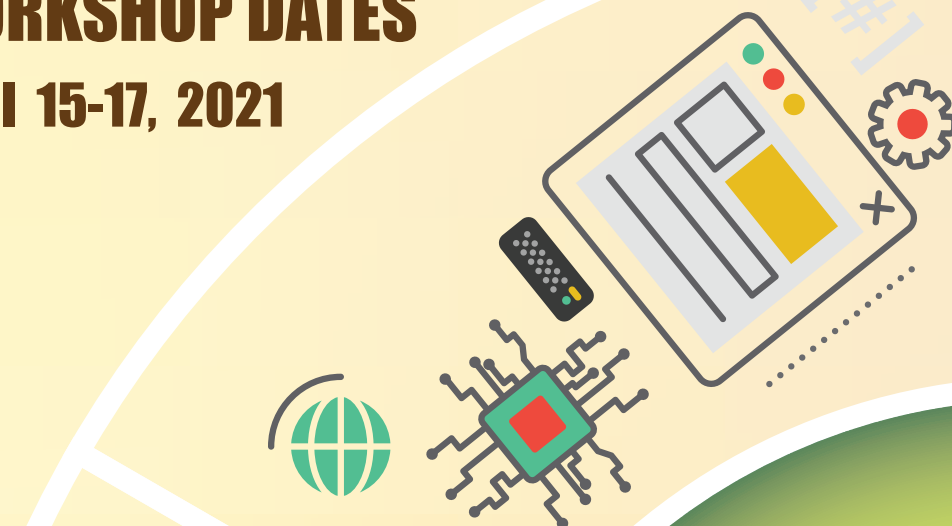
Economics and Finance Research Group,  
Department of Humanities and Social Sciences,  
Jaypee Institute of Information Technology, Noida

## WORKSHOP DATES

April 15-17, 2021



JAYPEE INSTITUTE OF  
INFORMATION TECHNOLOGY



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JAYPEE INSTITUTE OF  
INFORMATION TECHNOLOGY



JIIT, a leading Engineering Institute was established in the year 2001 with the vision of becoming a center of excellence in the field of IT & related emerging areas of education, training and research comparable to the best in the world for producing professionals who shall be leaders in innovation, entrepreneurship, creativity and management. The Institute offers Undergraduate, Post-graduate and Doctoral programs in the disciplines of Computer Science Engineering, Information Technology, Electronics & Communication Engineering, Biotechnology and Management. The Institute aims to develop technocrats with skill and capability to design and implement computer based systems, tool and equipments.

The Department of Humanities and Social Sciences is a source of change-facilitators that serve to complement the existing and emerging educational programmes of the institute by imparting professional and behavioral competencies and, thereby, transforming students to become the New-age, Innovating, Competitive and Enterprising leaders in their chosen professions of service and technology. This department serves as a 'Center of Excellence' dedicated to the dissemination of professional and behavioral knowledge pertaining to communication skills, interpersonal and managerial skills. The department recognizes industry partnering in shaping humanities, social sciences and management education as a focus area.

**About the Speakers:**  
<http://www.jiit.ac.in/manas-ranjan-behera>,  
<http://www.iiit.ac.in/dr-akarsh-arora>

# ABOUT THE WORKSHOP

In almost every field of work, being confident and competent in analysing data and drawing conclusions is extremely helpful. Karl Pearson has rightly said, "Statistics is the grammar of science." Knowledge in statistics helps us to use proper methods to collect data, employ correct analyses and effectively present the results. Statistical methods and analyses allow us to evaluate claims based on quantitative evidence and differentiate between reasonable and dubious conclusions. With the availability of free and ubiquitous data, there is a growing demand for statistical analyses of the data in almost every field of work. Keeping this in the backdrop, this workshop has been designed to overcome the fear of statistics, learn the essential tools and feel confident in analysing your own data through the statistical package SPSS. SPSS is a comprehensive and user-friendly statistical package widely used by scientists throughout the social sciences to analyse quantitative data.



## Convenor

Prof. Alka Sharma, Dean, HSS Email: [alka.sarma@jiit.ac.in](mailto:alka.sarma@jiit.ac.in)

## Program Coordinators

Mr. Manas Ranjan Behera & Dr. Akarsh Arora,  
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## WORKSHOP HIGHLIGHTS

- Introduction to SPSS Environment
- Import and Export of Data
- Data Management
- Testing of Hypothesis using Parametric and Non-parametric Methods
- Correlation & Association
- Linear and Non-linear Regression
- Factor Analysis
- Discriminant Analysis

## WORKSHOP OBJECTIVES

The objective of the workshop is to strengthen the skills and knowledge of Research scholars / Academicians in Data Analysis Techniques using SPSS Software .

**MODE OF CONDUCTING:** ONLINE

## TARGET PARTICIPANTS

- Research Scholars
- Academicians
- Industry Professionals
- UG and PG Students

**REGISTRATION FEE:** NIL

**REGISTRATION LINK:** [bit.ly/3vWULp1](https://bit.ly/3vWULp1)

## PLEASE NOTE:

- Registrations will be confirmed on a first-come-first serve basis for the first 100 participants. The workshop will be conducted using the Google Meet application.
- Certificate of participation will be provided for eligible participants.
- Please install the SPSS software before the first session of the Workshop.
- 30-day Trial version of SPSS software can be downloaded from IBM SPSS website:

<https://www.ibm.com/account/reg/signup?formid=urx-19774>

## LAST DATE FOR REGISTRATION

**10th APRIL 2021**

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