

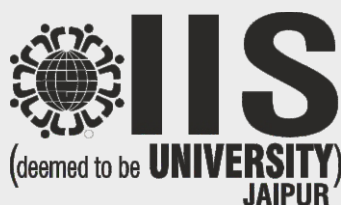


**ONLINE TRAINING PROGRAMME
ON
“DATA ANALYSIS USING MS EXCEL”
27 April 2020- 3 May 2020**

Organized by



Centre for Research, Innovation and Training (CRIT)



INTRODUCTION

In present situation when many of our students, research scholars and faculty members are unable to do their thesis work or write a research paper as most of them do not have access to statistical software at home Excel can be one of the most useful solutions for analyzing data. Excel in itself can do so much in research. Advanced Microsoft Excel skills can help academicians, research scholars and students in data analysis without using any expensive statistical software. The training programme will be beneficial for all who wants to learn essentials of data analysis in Excel and apply them in their research work or paper writing.

OBJECTIVES

- To use MS Excel to conduct data analysis.
- To identify right statistical tool for conducting data analysis.
- To enhance the analytical skills using MS Excel to promote quality research.

DATES

27 April, 2020 - 3 May, 2020

TIMINGS

4:00 pm - 6:00 pm all days

TOTAL TIME DURATION

14 hours

REGISTRATION DETAILS

**NO
REGISTRATION FEES**

LAST DATE OF REGISTRATION
25 April, 2020

TARGET PARTICIPANTS
Student, Research Scholars, Faculty Members, Industry Expert and Professional

PROCEDURE OF REGISTRATION

Participant is required to fill online registration form using the link given here.

<https://docs.google.com/forms/d/e/1FAIpQLSdY8MkkiPngTdNP3s89QOY1vHxG7sDkAJ-O0IDhzExDuZ-Q-g/viewform?vc=0&c=0&w=1>

Interested candidate is required to submit a soft copy of their university/college ID and a photograph compulsorily during online registration.

ABOUT THE UNIVERSITY

IIS (deemed to be University), Jaipur is among the pioneers in Rajasthan in imparting high quality education to women in different streams. It is known for excellence in delivering value-based education to students and encourages them to think innovatively in different walks of life.



ABOUT CENTRE FOR RESEARCH, INNOVATION AND TRAINING (CRIT)

The University has established the Centre for Research, Innovation and Training (CRIT) with an aim to giving impetus to research by way of workshops, seminars and conferences to train and encourage students as well as faculty members to take up research based activities.

IMPORTANT POINTS

- ☐ Limited seats available
- ☐ Registration will be confirmed on the basis of first come first serve basis
- ☐ Candidate is required to have his/her own laptop/desktop with internet connectivity and MS Excel 2007 version
- ☐ Online platform to be used: meet.google.com
- ☐ Attendance is compulsory in all the sessions to get e-certificate of participation.

TOOLS TO BE USED FOR TRAINING

MS-EXCEL with Analysis Toolpak, Megastat, XLSTAT Add-ins.

DAY	TOPICS TO BE COVERED
1	Basics of MS-Excel: Home, Insert, Page layout, Formulas, Data, Review, View option
2	Descriptive Data Analysis Using analysis toolpak add-in: Frequency distribution, Descriptive Statistics, Cross tabulation
3	Descriptive Data Analysis Using Megastat add-in: Qualitative frequency distribution, Quantitative frequency distribution, Quantitative frequency distribution using Bin Range, Probability and Probability distribution
4	Hypothesis testing using analysis toolpak and megastat add-in: Concepts of hypothesis testing, Assumptions of various tests, Z test, t test
5	Hypothesis testing using analysis toolpak and megastat add-in: One way ANOVA, Randomized block ANOVA, ANOVA: two factors with replications
6	Regression Analysis using data analysis toolpak: Basic Concepts of Regression including mediation concept, Application of regression in ms excel and its interpretation
7	Use of XLSTAT add-in: Factor analysis using XLSTAT addin of excel, Reliability Analysis using XLSTAT addin of excel, Other features of XLSTAT

ORGANIZING COMMITTEE

Training Programme Patron

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