

Performance Development Plan

Event – 1

Date: 19-11-2024 – 27-11-2024

Activity Name: PDP - Performance Development Plan

Faculty Coordinator: Dr. Manita Shah, Dr. Shakeela Banu C

Contact No. 9448002316

Guest Name: Dr G S Vijaya, Dr Chaya Bagrecha, Dr Rupesh Kumar Sinha & Dr Vinodh

Guest Designation: Professor, Professor, Associate Professor

Company Name: CMS Business School, JAIN (Deemed-to-be University)

Topic: Decoding Statistics for Data Analysis

Duration: 2 Hours

Venue: CMS Business School Jain (Deemed to be University), FMS, CMS, BS - JU

No. of Participated: 30

Summary: (Write-up required minimum 4 to 5 lines)

In today's world of data driven decision-making, many software's such as SPSS, AMOS, R, Stata, Eviews, Gretl, etc. help one simplify complex statistical analysis, apart from saving time and effort.

Duration: 14 Hours

Objectives: To uncover the basic tenets of statistics that aid data analysis to explore descriptive and inferential statistics without the use of a statistical software Detailed Contents

Pedagogy: This Professional Development Program focuses on allowing participants to learn statistical concepts from the basic to intermediate level to better understand the usage of statistical software packages and interpretation of output. Exercises are actively included for practicing the discussed concepts and applications. Participants are encouraged to bring their live data and queries for discussion and solutions. The online sessions will be delivered on

Zoom (secure) platform. To ensure focused learning and promote interactions, this PDP will cater to the first 25 registrations. 19th- 27th November 2024 05:30 PM - 07:30 PM (IST) (+16 hours of asynchronous materials) The event also seeks a closed-door policy. Such a policy allows only the registered participants and the organizers to be a part of it. This ensures the flow of learning smoothly and allows all the participants to engage in discussions without interruptions. Introduction to parametric and non-parametric tests Descriptive Statistics Measurement scales and Hypothesis testing One Sample T Test, Paired Sample, Independent Sample T Test ANOVA & Post Hoc and non-parametric tests Chi Square Test; Correlation & Regression Practical's, Review and Valedictory Learning outcome: First hand practical exposure to descriptive and inferential statistical tools for data analysis Participant Profile: This PDP will be of interest to the beginners and intermediate researchers in exploring descriptive and inferential statistical tools for data analysis. It will also help them in the interpretation for each statistical tool for research paper writing and thesis writing. • What are the assumptions behind this test? • What is the formula for the test? • What is the statistical logic behind this test? And many more to address such inquisitive questions, this Professional Development Program (PDP) on 'Decoding Statistics for Data analysis' uncovers such knowledge to serve the learning interests of diverse stakeholders such as academicians, PG students, research scholars aspiring data scientists, students pursuing data sciences and business analytics, etc. The need to understand statistics as the core fabric of data driven decisions has over taken every aspect of business today with an intent to move from experience based projections to evidence based predictions. This offers high relevance to the decisions at operational and strategic level.

Seven Days' Virtual Professional Development Programme

on

Decoding Statistics for Data Analysis

📅 19th - 22nd & 25th - 27th November, 2024

🕒 05:30 PM - 07:30 PM (IST)

bschool.cms.ac.in

