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rofessional Development rogramme

IQA Institute of Analytics
The Global Body for Analytics

7-Day Virtual Professional Development Program on

Decoding Statistics for Data Analysis

organised by
Faculty of Management Studies,
CMS Business School, JAIN (Deemed-to-be University)

in collaboration with

Institute of Analytics (UK)

20th- 29th September 2023 | 05:30 PM - 07:30 PM (IST)

JAIN (Deemed-to-be University)

Ranked among the top universities in India and considered a cerebral destination for students across the world and Bangalore in particular, for its illustrious history of developing talent, JAIN (Deemed-to-be University) is a hub for learning in every sense of the word.

The University offers a conducive environment for learning, be it academically or extracurricular activities. Known for its emphasis on education, entrepreneurship, research and sports, JAIN (Deemed-to-be University) has some of the best minds in the educational and research fields, and centres that inspire entrepreneurship and ground breaking work to simplify and manage life better. What makes JAIN (Deemed-to-be University) different is its outlook towards life, its values and beliefs. Its ever-evolving and open-minded system and quest for continued success and resilience, has made it one of the top universities in India. JAIN (Deemed-to-be University) is a multidisciplinary University with 6 Faculties, 10 Schools, 25 Departments, 4 Allied Departments, 6 Research Centres, Chenraj Roychand Centre for Entrepreneurship (CRCE), Technology Business Incubator, and 13 Student Support Cells.

The university has been accredited with A++ with a cumulative grade point of 3.71 in the year 2021 by National Assessment and Accreditation Council (NAAC) and is ranked 68th nationally in the National Institutional Ranking Framework (NIRF), Government of India, in 2023.

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

CMS Business School, JAIN (Deemed-to-be University), established in 2009, is among the top 100 Business Schools in the country, in the latest ranking according to the National Institutional Ranking Framework (NIRF), Govt of India. The Business School was recently accredited by the National Board of Accreditation (NBA) for a period of 3 years.

The Business School has been ranked 10th in Outlook-ICARE's Annual Rankings - India's top private MBA institutions for 2022 in South Zone and also been awarded A* Grade, in Karnataka, by CRISIL.

CMS Business School, an integral part of JAIN (Deemed-to-be University) is one of India's leading business schools with an international perspective. It is a place where ideas are born, theories are debated and businesses are incubated. Much more than a source of knowledge, it is a catalyst that makes a difference to the career and the personal progress of its students.

CMS Business School is also an esteemed member institution of the Association to Advance Collegiate Schools of Business (AACSB), USA and the Business Graduates Association (BGA), an international membership and quality assurance body. BGA is part of the same organization as the Association of MBAs (AMBA)

Institute of Analytics (IoA):

The Institute of Analytics (IoA) is the Professional Body for Analytics and Data Science professionals in the UK and International. IoA is a not-for-profit organisation that exists to promote greater awareness, understanding and innovation in Analytics. IoA is fully supported in their mission by leading organisations in the sector. The Institute of Analytics provides members with the opportunity to network with other professionals in the industry, to learn about career development opportunities, to share knowledge and expertise, to access continuous professional development programmes and to carry the official designation of membership.

About the PDP

In today's world of data driven decision-making, many softwares such as SPSS, AMOS, R, Stata, Eviews, Gretl, etc. help one simplify complex statistical analysis, apart from saving time and effort. However, they often leave the curious mind with the following questions:

- 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.

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.

The event also seeks a closed-door policy. Such a policy allows only the registered participants and the organisers to be a part of it. This ensures the flow of learning smoothly and allows all the participants to engage in discussions without interruptions.

Dates: 20th - 29th September 2023

Time: 05:30 PM - 07:30 PM (IST)

Duration: 14 Hours
(+16 hours of asynchronous materials)

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

Day-1	Introduction to parametric and non-parametric tests
Day-2	Descriptive Statistics
Day-3	Measurement scales and Hypothesis testing
Day-4	One Sample T Test, Paired Sample, Independent Sample T Test
Day-5	ANOVA & Post Hoc and non-parametric tests
Day-6	Chi Square Test; Correlation & Regression
Day-7	Practicals, 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.

Resource persons:

Dr. G S Vijaya
Professor
CMS Business School
JAIN (Deemed-to-be University)

Dr. G.S. Vijaya is currently working as Professor in Decision Science Area. She has worked in various reputed institutions like Sri Jayachamarajendra College of Engineering, Mysore, Birla Institute of Technology, Mesra, Ranchi, Nitte Meenakshi Institute of Technology, Bangalore and JAIN (Deemed-tobe University). She has worked with Al Yamamah University, Riyadh, Kingdom of Saudi Arabia for six years.

Dr. Vijaya is a PhD Guide in Management, JAIN (Deemed-to-be University) since 2013. She is a Life Member of Indian Society for Technical Education and IAENG International Association of Engineers. She has participated in the MDPs, FDPs, workshops, seminars, Staff Development Programs, reviewed books and written articles. She has presented/published papers at the National and International level including Scopus and Web of Science.

Dr. Chaya Bagrecha
Professor & Area Chair - Finance
CMS Business School
JAIN (Deemed-to-be University)

Passion for learning new things and sharing knowledge has led Dr. Chaya Bagrecha, Professor of Finance at CMS Business School, JAIN (Deemed-to-be University) to a conscious decision of opting for teaching as a profession. She comes from a business family, which has helped her in hands-on training in entrepreneurial skills. She has done her MBA from Kuvempu University and secured First rank and two gold medals for the best outgoing student in 1993.

Having done her NET with JRF and SLET, she has come a long way, both in terms of academics and research. She was awarded the doctorte for her research in corporate governance. She is the recognized research guide of JAIN (Deemed-to-be University) and Bangalore University.

She has published more than thirty papers in various journals and presented more than fifty papers in National and International conferences. Her research interests are in the diverse areas of Corporate Governance, Universal Banking, Stock markets, Poverty alleviation, and Entrepreneurship. She has a keen interest in learning new packages and analytical tools in Statistics.

Dr. Rupesh Kumar Sinha
Associate Professor
CMS Business School
JAIN (Deemed-to-be University)

Dr. Rupesh Kumar Sinha has more than 25 years of experience in Management Education and Software industry and at present, he is faculty at CMS Business School, JAIN (Deemed-to-be University) Bangalore. He is a NASSCOM Licensed Master Trainer and Microsoft Certified Professional in Visual Basic, Windows Architecture. He has designed various courses in Analytics, Operations Management, Supply Chain Management at the level of MBA in the Business School and individual courses like Advanced Excel, Cognos, Tableau, Watson Analytics, SPSS etc. Before joining Business School he worked with Krupanidhi School of Management and was Professor in the area of Analytics.

He worked at the Imperial College, Bangalore as Academic Head for five months, and his role was to give training and developing course on Analytics. He gave training for IBM Analytics courses (IBM Cognos and IBM Watson) in various B-Schools and Engineering colleges. He worked with IFIM Business School, Bangalore for 10 years as HOD of Operations and IT.

Fee (per participant)

Industry Professionals
₹ 3,000/- inclusive of taxes

Academia/Research Scholars
₹ 2,000/- inclusive of taxes

Payment Procedure

Registration Fee must be paid by
Demand Draft/Digital Payments

Online Transfer / Bank Transfer

Bank Name	:	Karur Vysya Bank
Branch	:	Jayanagar, Bengaluru
Account Name	:	Jain University
Account Number	:	1315155000038088
IFSC Code	:	KVBL0001315

Patrons

Dr. Chenraj Roychand
Chancellor, JAIN (Deemed-to-be University)

Col (Hony). Dr. N. Sundararajan
Pro Chancellor, JAIN (Deemed-to-be University)

Professor (Dr.) Raj Singh
Vice-Chancellor, JAIN (Deemed-to-be University)

Dr. Easwaran Iyer
Pro Vice-Chancellor, JAIN (Deemed-to-be University)

Advisory Board

Dr. Dinesh Nilkant
Director, CMS Business School, JAIN (Deemed-to-be University)

Dr. Harold Andrew Patrick
Professor & Dean - Academics, CMS Business School, JAIN (Deemed-to-be University)

Dr. Vinod Kumar Murti
National Head, India - IT & Analytics Education - ISDC (UK)

Faculty Development Program Cell

Dr. Madhavi R	**Dr. V Y John**
Professor & Programme Coordinator	Assistant Professor
CMS Business School	CMS Business School
JAIN (Deemed-to-be University)	JAIN (Deemed-to-be University)
+91 9986593254	+91 8106036188
dr.madhavi@cms.ac.in	dr.vy_john@cms.ac.in

*e-certificates will be provided to all the registered participants

Registration link:https://forms.gle/edV1hA86Kym88KRy8

Joining link shall be provided after registration