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Course Co-ordinator of DBT-Star Status College Award
K. C. College, HSNC University, Mumbai

Last Date for Registration: 01st December, 2021

Commencement of FDP: 03rd December, 2021

Registration Details

Particulars	Fees
Professor/ Academician	₹ 1000/-
Research Scholar/ Student	₹ 750/-

Mode of Payment

Account Name:

Rizvi College Non-Salary Expenditure Account

Bank Name: Bank of Maharashtra

Account No: 60097341510

IFSC Code: MAHB0000327

Registration Link

<https://forms.gle/cyC9KwJda21EUXZp8>

For more program details, you can visit

www.rizvicollege.edu.in

For queries, connect with us at

fdponspsssem@gmail.com

Chief Patrons

Dr. Akhtar Hasan Rizvi

Hob'ble President

Rizvi Education Society

Adv. (Mrs.) Rubina Akhtar Hasan Rizvi

Hon'ble Director

Rizvi Education Society

Patron

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Hon'ble Vice-Chancellor

University of Mumbai

Program Convenor

Dr. (Mrs.) Anjum Ara Ahmad

Principal I/C

Rizvi College of Arts, Science & Commerce

(84510 46220)

Dr. Hemlata K Bagla

Vice-Chancellor, HSNC University, Mumbai

Principal K. C. College

Program Co-Convenor

Dr. Asha Jindal

UG-Head & PG Co-ordinator

K. C. College, HSNC University

(98212 35627)

Joining Virtual FDP

The FDP session will be conducted on an online platform and further instructions on how to join will be provided after successful registration.



Rizvi Education Society's

RIZVI COLLEGE

OF ARTS, SCIENCE & COMMERCE

Rizvi Educational Complex, Off Carter Road, Bandra
(W), Mumbai- 400 050

Affiliated to University of Mumbai | Recognised by UGC

In Collaboration With

DEPARTMENT OF STATISTICS, K. C. COLLEGE

HSNC University, Mumbai

(Under the aegis of DBT-Star Status College)

**(Internal Quality Assurance Cell,
Research Cell & Department of
Mathematics and Statistics)**

Organises an

Online National Level FDP

(Faculty Development Program)

On

**IBM Statistical Package &
Structural Equation Modeling with AMOS**

IBM (SPSS): 03rd December, 2021-08th December, 2021

SEM (AMOS): 09th December, 2021-12th December, 2021

The 10 days Faculty Development Program will cover 30 hours of the teaching & learning process. On successful completion of the entire program, an E-Certificate will be issued to all the participants.

Those who are pursuing their PhD./ M.Phil this FDP can be a part of their Coursework and for Academicians, they can use this FDP in Table 1

About the National Level FDP

The intensive FDP program aims to empower research scholars, professors and academicians in statistical data analysis & interpretation. With insightful presentations & discussions from industry experts, this program brings to you a promising opportunity to learn SPSS & SEM.

The industry-based curriculum is specifically designed to facilitate a comprehensive understanding of statistical data tabulation & SEM. Adopting an interactive discussion approach, this program aspires to instil professional confidence of statistical data management among its participants.



Objectives of FDP

- To learn the art of complex data tabulation & management using SPSS.
- To master the technicalities of SPSS & SEM software
- To empower the FDP participants to be self-reliant in statistical data analysis & management
- To support professors & academicians in systematic data analysis & interpretation
- To facilitate research scholars in enhancing their research work with accurate statistical support

About Rizvi College of A / S / C

Rizvi Education Society was founded by Dr. Akhtar Hasan Rizvi in the year 1982, who set his heart on the realization of a dream 'The Establishment of a Mini University', catering to diverse educational interest and aspirations. Rizvi College of Arts, Science & Commerce was established started in the year 1985-86. 'Humanize, Equalize, Spiritualize' is the motto of the college.

The College offers three years Bachelor Degree in Arts, Science & Commerce in Aided Section, Accounting & Finance, Management Studies, Mass Media, Banking and Insurance, Computer Science, Information Technology, aster Degree in Commerce and Self Finance Courses. The College is also a Research Centre for Commerce, Botany, Zoology and Chemistry.

About Department of Statistics, K. C. College, HSNC University, Mumbai (Under the aegis of DBT-Star Status College Award)

Statistics, a subject which offers immense and varied employment opportunities was first offered as a major subject at the B.Sc. level in 1958, K. C. College was amongst the first colleges of University of Mumbai to do so. The Department is committed to enhancing knowledge, and promoting research. The faculty have published several research papers in noteworthy journals, organized various seminars for faculty and students. The Department is part of the Star-DBT Status Scheme awarded to the College. Under this scheme, a computer laboratory for students has been set up and infrastructure is upgraded. Number of workshops are conducted under the scheme for faculty and students. Our graduates are placed in organizations all over the world.

About the Resource Persons

Dr. Suresh Kumar Sharma

Revered for his excellence in the area of Biostatistics, Professor Suresh Sharma (Panjab University, Chandigarh) has also undertaken many research projects in collaboration with ICMR in the area of medical sciences. He has published more than 120 research papers in National and International Journals of repute. His research expertise includes statistical inference, bioinformatics, predictive modeling and statistical genetics.

Key achievements:

Felicitated with Jacob Wolfowitz Award (2003, USA), Best research award (2003, AIIMS, New Delhi), S.G. Gaur Award (2010), and many more.

His book on Medical Statistics has been launched by International Medical Olympiad, Greece (2019).

Delivered 37+ talks in International Conferences and 650+ invited talks in India.

Developed websites on CancerPDF and Dis-Face.

Dr. Parul Kumar

Dr. Parul Kumar, Assistant Professor, Delhi Skill and Entrepreneurship University, Delhi. PhD in Commerce With 11 years of industry experience, she specialize in conducting training sessions for topics like Advance Excel, Smart PLS, AMOS, SPSS & EViews along with consulting projects.

Key achievements:

Awarded Best Business Academic of the year (BBAY'17) award by Indian Commerce Association for best technical research paper.

Holds certifications in Data Analytics, Statistical Modelling, Advance Excel, Predictive Modelling, Regression Analysis, R Programming & Tableau from Coursera.

Published various papers in prestigious journals like SSCI, SCOPUS, UGC & ABDC indexed journals

IBM SPSS Schedule | Dr. Suresh Kumar Sharma

Date, Day & Time	Topics to be covered
03 rd December, 2021 Friday 03:30 pm to 05:00 pm & 05:30 pm to 07:00 pm	Measurement Scales And Nature Of Variables: Type Of Data. Introduction to SPSS, Entering Variables, Labelling Variables, Labelling Values, Entering String Variables, Transformation of Variables, Exporting and Importing Data Files from Other Packages, Selecting Cases, Recoding Data, Computing Functions (Creating New Variables). Measures of Central Tendency and their Interpretation, OLAP Cubes. Summary Statistics (Overall and for Groups of Cases) Dispersion, Skewness, Quartiles, Percentiles and Kurtosis
04 th December, 2021 Saturday 03:30 pm to 05:00 pm & 05:30 pm to 07:00 pm	Correlation and Regression. Multiple Correlation, Partial Correlation, Multiple Regression. Problem of Multicollinearity and Autocorrelation and their Remedies. Checking Normality Of Data: Graphical Procedures and Exact Test: Kolmogorov-Smirnov and Shapiro-Wilk Tests
05 th December, 2021 Sunday 03:30 pm to 05:00 pm & 05:30 pm to 07:30 pm	Parametric Tests: Basic Concepts of Testing, One-Sample, T-Test, Two Independent Samples T-Test, Paired T-Test, One -Way & Two-Way ANOVA. Repeated ANOVA
06 th December, 2021 Monday 03:30 pm to 05:00 pm & 05:30 pm till 07:00 pm	Non-Parametric Tests: Sign Test, Wilcoxon- Signed Rank Test, Mann-Whitney U- Statistic, Kruskal Wallis One-Way ANOVA, Friedman Two-Way ANOVA.
11 th December, 2021 Saturday 03:30 pm to 05:00 pm & 05:30 pm till 07:00 pm	Multivariate Techniques: Factor Analysis and Problems Faced in Factor Analysis, Cluster Analysis

Date, Day & Time	Topics to be covered
12 th December, 2021 Sunday 03:30 pm to 05:00 pm & 05:30 pm to 07:00 pm	Multivariate Techniques: Logistic Regression and Discriminant Analysis
<h3>About SEM with AMOS</h3> <p>Abbreviated as SEM, Structural Equation Modeling with AMOS is a statistical technique that is popularly used in behavioural research sciences. It offers a flexible framework for data analysis.</p> <p>Being a combination of factor analysis and multiple regression analysis, SEM is used by research scholars to evaluate structural relationships between latent constructs and measurable variables.</p>	
<h3>SEM Schedule Dr. Parul Kumar</h3>	
Date, Day & Time	Topics to be covered
07 th December, 2021 Tuesday 03:30 pm to 05:00 pm & 05:30 pm to 07:30 pm	Introduction to SEM Assessment of Measurement Model
08 th December, 2021 Wednesday 03:30 pm to 05:00 pm & 05:30 pm to 07:30 pm	Correction of Validity & Reliability Issues Assessment of Structural Model
09 th December, 2021 Thursday 03:30 pm to 05:00 pm & 05:30 pm to 07:30 pm	Assessment of Structural Model
10 th December, 2021 Friday 03:30 pm to 05:00 pm & 05:30 pm to 07:30 pm	Mediation & Moderation Analysis

Guidelines for the FDP

- Participants without prior knowledge of SPSS & SEM can also attend this program.
- Support or presence of SPSS software with participants can be a great tool to get practical hands-on training.
- Registration for the online FDP is mandatory. Participants need to join the official Whatsapp group for successful registration.
- Registration has two categories: Professor or Academician (Associate/ Assistant) & Research Scholar/Student (If registered as a Research Scholar, the participant needs to upload a document, as proof for the same during the registration process.)
- Attendance link will be shared on daily basis.
- Participants need to fill in the feedback form which will be shared periodically for successful completion of FDP.



Organizing Secretaries

Mrs. Shweta Dubey (99202 46341)
Dr. Suhana Khan (99878 67827)

Organizing Committee

- Asst. Prof. (Dr.) S. B. Muley (93238 17918)
- Asst. Prof. Haider Zaidi (88982 53962)
- Asst. Prof. (Dr.) Pratiksha Kadam (75071 62816)
- Asst. Prof. Hina Mahmood (88799 21218)
- Asst. Prof. Shailaja Rane (75069 86359)
- Asst. Prof. Nadeem Parve (88983 05815)
- Asst. Prof. Mehvish Shaikh (70454 20219)