RESEARCH EDUCATION SOLUTIONS

(Registered under MSME)

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One-Week Workshop on

Research Methodology and Data Analysis

SESSION WISE SCHEDULE OF ONLINE WORKSHOP

Timings: (10:00 AM to 05:00 PM)

SL. No.	Day/Date	Topic
1	26.04.2021	**Research Methodology:** 1. Introduction to Research Design 2. Types of research Designs 3. Scaling and Nature of Data 4. Problem Selection and Formulation
2	27.04.2021	**Literature Review** 1. Basics of Literature Review 2. Introduction to Systematic Literature Review 3. Meta Analysis and Bibliometric analysis
3	28.04.2021	**Correlation and Bivariate Regression:** 1. Concept of Correlation, Data Requirement for correlation 2. Practical exercises on correlation, Using and reporting correlation in business research 3. Concept of regression, Bivariate Linear Regression, applications of Bivariate regression in business research 4. Regression equation, Understanding residuals and Predictive analysis
4	29.04.2021	**Factor Analysis:** 1. Applicability and Scale Requirement for Exploratory Factor Analysis (EFA) 2. Factor Analysis and Multicollinearity 3. Reliability (Cronbach's Alpha) 4. KMO and Barllet Test, Anti Image Matrix/ Identity Matrix 5. Extracting Factors through rotated component matrix 6. Naming factors and determining Inputs for Multiple Regression
5	30.04.2021	**Multiple and Stepwise Regression:** 1. Concept of Multiple Linear Regression 2. Multicollinearity – Concept, Measurement and removal 3. Stepwise Multiple regression for automatic model fit and removal of multicollinearity 4. Formation of Multiple regression equation and prediction

FEE AND PAYMENT OPTIONS

Fee: Rs. 1599/-

Payment Option	
Google Pay and Paytm Number	8860417403
Link for making payment (click to make payment)	https://imojo.in/2a7vm5x

BENEFITS TO PARTICIPANTS

- Certificate of Participation to All participants
- All Data files will be shared
- PPTs of the Workshop will be shared

For registration, queries and clarifications please contact:

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ABOUT RESEARCH EDUCATION SOLUTIONS

Research Education Solutions is a skill development organization registered with MSME (Ministry of Small and Medium Enterprises) Government of India as micro business. The major aim of RES is to provide Quality training and consulting in the field of Research, Data Analytics, Business Analytics, Corporate Report Writing, Data Processing and other business and academic solutions. The organization has a team of experts having wide and deep experience in the fields related to business consulting and research.