



PRIMAX FOUNDATION

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Bengaluru, Karnataka, India



Be a Hero. Always say,
"I Have no fear"



In Association with

PG & Research Department of Commerce VIVEKANANDA COLLEGE

(Residential & Autonomous - A Gurukula Institute of Life - Training)

College with Potential for Excellence

Re-accredited with 'A'Grade (CGPA 3.59 out of 4.00) by NAAC

Affiliated to Madurai Kamaraj University, Managed by Sri Ramakrishna Tapovanam, Tirupparaiturai, Trichy

Tiruvedakam West, Madurai District - 625 234, Tamil Nadu



Swamy Chidbhananda
Founder



Organizing

8 Days – Hands on E- Workshop on **Data Analysis Using JAMOV**



For Registration



05-03-2022
to
12-03-2022



6.30 PM
to
8.30 PM

Resource Persons



Dr. Seema Malik is presently serving as Faculty of Commerce at Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan, Sonapat, Haryana (BPSMV) and having **more than 14 years** of teaching experience. She is the **Co-coordinator of CSUIR** (Centre of Society-University Interface and Research) and Nodal officer of UGC Cell at BPS Women University. She has been awarded **Minor Research Project** on “Corporate Governance” financed by the **University Grants Commission**. She has represented the BPS women university in an international programme on “**Training Techniques for Trainers of Co-operatives & Rural Financing Institutions in the SAARC Region**” organized by National Co-operative Union of India. She has published more than 20 research papers in the various journals of National and International repute. She has attended and presented papers in more than 35 national/international conferences. She has delivered lectures as resource person in more than 30 National workshops in very reputed university across India. Her **Research specialization includes Factor Analysis, Parametric and non-parametric tests, Correlation, Regression, Panel data analysis and Structural Equation Modelling.**



Dr. Vishal Shukla is a Faculty and trainer of Statistics and Data Science. He holds a doctoral degree from the prestigious Banaras Hindu University, Varanasi and MBA from HBTI, Kanpur, He is actively involved in providing hands on training on statistical tools such as IBM-SPSS, R, Python, Jamovi etc. to both the academia and the corporates. He has conducted many FDPs and MDPs both for the academia and the corporates. He has been nominated by the MHRD, Govt. of India as a subject expert to draft the contents of the vocational courses under the Skill India Program of Govt. of India. He is a member of American Marketing Association, USA.

About Jamovi

The theme of the workshop is "Data Analysis using Jamovi". Usage of statistical software for data analysis is very essential for every researchers. Jamovi is one of the most popular software for data analysis. This workshop attempts to provide a comprehensive coverage about the usage of Jamovi for data analysis. The workshop will be in online mode with convenient timings for both faculties and PG students.

About Dept. of Commerce, Vivekananda College, Madurai

The Post Graduate and Research Department of Commerce, Vivekananda College, Tiruvedakam West, Madurai District, was established in 1974-75 to offer B.Com. and M.Com. Programmes. The Department of Commerce was recognized as the Research Centre by the Madurai Kamaraj University to offer M.Phil. in Commerce (Full-Time) and Ph.D. in Commerce (Full-Time & Part-Time).

About Primax Foundation, Bengaluru

Primax Foundation was established during 2015 and it was registered under the Karnataka Societies Reg. Act 1960 with IT exemption 12A & 80 G. Primax Foundation is established with towering ideals imparting quality and non-profitable services to the society through Journals, Seminars, Workshops, Educational Training & Skill Development, study circles, Personality and Placement training Programme and add-on Program etc. for the personality development in the society. Primax Foundation is an upcoming Training and Development center at Bangalore offering a variety of need-based training programmes, through on and off campus modes.



COURSE CONTENT

DAY 1: INTRODUCTION TO STATISTICAL ANALYSIS AND JAMOVI

- Basics of Statistics
- Collection and tabulation of statistical data
- Measurements of Scale, Types of Data
- Types of statistical techniques
- Installing JAMOVI, Navigating JAMOVI

DAY 2: READING DATA & MANIPULATING DATA SOURCES

- Compute and Transform
- Cross Tabulation
- Filtering Data Sources
- Wrangling data, Entering data, Importing data
- Variable types & labels
- Computing means, Computing z-scores
- Transforming scores to categories
- Filtering cases

DAY 3: INTRODUCTION TO DESCRIPTIVE AND INFERENCE STATISTICS

- Descriptive statistics
- Compare one group to a hypothetical value
- Comparing two unpaired groups
- Measures of central tendency
- Measures of Dispersion
- Exporting tables and plots
- Frequency distribution

DAY 4: INFERENCE STATISTICS – I

- Introduction to Hypothesis
- Types of Hypotheses, Data Sampling

- Confidence and Significance Levels
- Assumptions of Parametric test and non parametric tests
- One-Sample t-test
- Independent Sample t-test
- Comparing two paired groups (T-Test)

DAY 5: INFERENCE STATISTICS – II

- Quantify Association between two variables
- Comparing categorical variables
- ANOVA: chapter overview
- One Way ANOVA
- Two Way ANOVA
- ANCOVA & MANCOVA

DAY 6: NON PARAMETRIC TESTS

- Mann Whitney U test
- Chi Square test
- Friedman test
- Kruskal Wallis H test

DAY -7 CORRELATION & REGRESSION

- Correlations: Pearson, Spearman, Kendall's-Tau, Partial, Biserial and Point-biserial
- Introduction to Regression Analysis
- Types of Regression Analysis Models
- Linear & Non-Linear Regression
- Logistic Regression
- Regression Analysis with Multiple Variables

DAY 8: DIMENSION REDUCTIONS

- Factor Analysis
- Reliability Analysis
- Exploratory factor
- Confirmatory Factor Analysis

Important Note

Last Date of Registration: 20th Feb -2022

1. Registration fee for Indian ₹ 1,500/- , Foreign 50 USD.
2. Registration fee can be done through NEFT/IMPS Transaction or Paytm only.
3. E- Certificate will be sent to the Participants through registered email.
4. **Demo/Students - JAMOVI Trial version software** will be provided to the registered participants.
5. **No Recorded session.**
6. Who Can Join : Faculties, Research Scholar, PG Students and Corporates.

Through IMPS/ NEFT

Name of the Account : **Primax Foundation**
Account Number : **166111100001608**
Bank Name : **Union Bank of India**
IFSC Code : **UBIN0816612**
Place : Kengeri, Bengaluru, Karnataka, India.

Through Gpay / Phonepe / Paytm

Ph: 9108556012
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Happiness comes from giving happiness...