

1.00 P.M to 1.45 P.M		Lunch	
Practical - VIII 1.45 - 3.30 PM	Confirmatory Factor Analysis (CFA) using AMOS Based on One Factor 1. Modification Indices 2. Model Fit Summary		
3.30 PM to 3.45 PM		Tea/Coffee/ Biscuits	
Practical - IX 3.45 – 5.00 PM	Confirmatory Factor Analysis (CFA) using AMOS Based on Multi Factor 1. Average Variance Extracted (AVE) 2. Construct Reliability (CR) 3. Convergent Validity 4. Discriminant Validity Preparation of Questionnaire		
5.00 PM to 5.15P.M		Feedback	
5.30 pm to 6.00 pm	Valedictory and Certificates Distribution Dr. M. Sumathy Professor and Head, Dept. of Commerce, Bharathiyar University, Coimbatore Dr .R. Premkumar Principal - SNT Global Academy of Management Studies & Technology, Coimbatore. Dr. V. Selvaraj Secretary of Primax Foundation, Bangalore, Karnataka.		

Workshop Convener

Dr.K.V. Ramanathan
Primax Foundation., Bangalore.
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Faculty of Commerce
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Faculty, Coimbatore
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Divya R. Krishnan
Academic Director, Kochi, Kerala
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REGISTRATION FEE

Participants	Fee
Research Scholar (Ph.D, M.Phil & PG)	INR 2,400 /-
Academicians	INR 2,600/-
Corporates	INR 3,000/-

- The fee will include the Participation fee, SPSS & AMOS Demo Software, workshop kit, Materials, Certificate, refreshment, Lunch.
- Accommodation will be provided to outstation participants on prior request & Confirmation with an additional charge of Rs. 1,000/person/day.

The Participants are requested to send registration form along with the fee in the form of NEFT/ DD drawn in favour of "PRIMAX FOUNDATION" payable at Bangalore on or before 18-11-2017.

NEFT

Name of the Account : Primax Foundation
Account No. : 166111100001608
(Current Account)
Bank Name : Andhra Bank
Place : Kengeri Satellite Town,
Bangalore-60
IFSC Code No. : ANDB0001661
MICR CODE : 560011038

Postal Address

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Important Note

- Refreshment and Lunch will be provided
- Accommodation will be provided on request as stated above.
- No spot registration.
- Participants are requested to carry their Own Laptops for Practical session.
- Attendance certificate will be issued based on request.
- Demo version of SPSS & AMOS will be installed in your Laptop.



Prof. T. Rajeswari., M.Sc.,M.A(Eng),M.A (SOC),M.B.A.,(Ph.D)
President, Primax Foundation, Bangalore. 56

Prof. T. Rajeswari, founder of **Primax Foundation,** is an educationalist and a visionary with lot of innovative ideas. She is a staunch believer that "Progress can be attained only by research activities". As the President, she will spearhead all efforts and we will work to the best of our abilities. We look forward to continuously receive the support and encouragement from our faculty. I would like to personally invite you to our **8th Two Day National Level Workshop** on **2nd and 3rd December - 2017.**



PRIMAX FOUNDATION

Bengaluru, Karnataka

(Registered under the Karnataka Societies Reg. Act 1960)

Reg. No. JNR-S211-2015-16



In Association with
SNT Global Academy of Management Studies and Technology
(Affiliated to Anna University, Approved by AICTE)
Madukkarai, Coimbatore

8th

Two Day National Level Workshop on

"Research Methodology, Primary & Secondary Data Analysis and Interpretation

By Using Statistical Package For Social Science (SPSS) &

Analysis of Moments Structure (AMOS) - (A Complete hand on work)



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



Date: 2nd and 3rd December - 2017 Time 8.30 AM to 5.30 P.M

Venue : CAG Pride (Auditorium A/C)

Near A2B Hotel, Bharathiyar Road, Gandhipuram, Coimbatore, Tamil Nadu, India

Contact: Prof. T. Rajeswari

Ph: 08971725451

ABOUT PRIMAX FOUNDATION

Primax Foundation® is registered under the Karnataka Societies Reg. Act 1960 (Reg. No JNR-211-2015-16), Primax Foundation is established with towering ideals of imparting quality and non-profitable services to the society through Journals, Seminars, Workshops, Educational Training & Skill Development, Study Circles, Counseling & Rehabilitation, Initiating Research Activities etc., for total personality development in the society. Primax Foundation is an upcoming Training and Development Center at Bangalore offering a variety of need based training programs, through on and off campus modes. The primary aim is to ensure employability for the students and molding them to suitably fit into all aspects of corporate requirements. In addition, its intention is to upgrade the quality of research work among the faculty members involved in Science & Humanities, Commerce, Management Education and the allied fields to ensure that all the research work undertaken, is gainfully employed by the industry, society and corporate world. Its operational objective is to disseminate, strengthen and enhance knowledge, across all sections of the society.

About SNT GAMSAT

SNT GAMSAT, an exclusive Management Education Academy, is a unique initiative of Sri Niketan Trust, Which is a registered Charitable and Educational Trust promoted by 31 Managing Trustees with rich experience in industry, business, academia, legal, defense and administrative sectors of the economy. With high class infrastructure, SNT GAMSAT imparts quality education, provides extensive managerial training, and enhances the professional and leadership skills of the students, thus making them competent to face the challenges of the complex and dynamic global environment. The Academy provides a conducive ambience for intellectual pursuits and creative thinking. Emphasis is to produce managerial personnel who will follow ethical principles, adhere to value based practices and become leaders with integrity and fairness.

About the workshop



Most of the users of statistics, as a decision making tool, feel themselves handicapped in selection of an appropriate statistical tool, understanding the theoretical concept and interpretation of results in a meaningful way. It is really difficult for a person who is not well versed with research methodology and the core philosophy of statistics. The present workshop aims to expose the participants towards simple and exhaustive ways of data analysis through interactive and practice based sessions along with theoretical learning. Well designed and structured training sessions covering the topics outlined in the programme will be organized. The topics have been so chosen that the issues of research methods and data analysis may be understood by even those participants who do not have any initial background of statistics. This workshop is designed to appeal the different learning styles, with an emphasis on active interactive participation through lab sessions running along with theory sessions. Participants will be provided with sample data set to analyse so that they may gain confidence and expertise in conducting researches in their respective subject domains.

Objectives of The Seminar

- To help the participants to familiarize with the statistical concepts.
- To train the participants in access data from various domain
- To help the participants in descriptive and inferential analysis
- To develop confidence as independent SPSS and AMOS data analyst.
- To facilitate the establishment of a network of Researchers
- To guide participants for publishable technical writings

Who all
can
participate?

Academicians, Practitioners from Universities, Colleges, Hospitals, Laboratory research centres.
Researchers / Research Scholars, Post graduate students of Pure science, Medical, Biomedical Engineering, Biotechnology, Genetic Engineering, Biostatistics, Nursing etc
Executives from Corporates in medical or pure science field. Anyone who is interested in Data science.

Programme Methodology

- Interactive Lectures & Discussions
- Hands-on Practice

Our Chief Resource Persons



Dr. R. Ravanan, M.Sc., M.Phil., Ph.D.,

Head, Department of Statistics, Presidency College, Chennai General Secretary, Tamilnadu Statistical Association (TNSA), Tamilnadu Treasurer, Indian Society for Probability and Statistics (ISPS), India

He has about 25 years of research, consultancy and teaching experience in the application of Statistics to Bio-statistics especially in the estimation of HIV/AIDS. He has extensive experience in the application of statistical concepts to HIV/AIDS. He has been teaching and training Advanced Operation Research, Stochastic Processes, Statistical Inference and Multivariate methods to

Post Graduate students and researchers and have provided consultancy support to scientists in the field of biomedical sciences and was part of multi-disciplinary research teams in charge of providing statistical guidance. He has more than 21 years of experience in using statistical software's SPSS and AMOS.

Dr. K.V.Ramanathan, M.Com., M.Phil., M.B.A., (GEN), M.B.A., (Fin) P.G.D.B.S., Ph.D.,

Professor of Finance & Marketing, Research Advisor.

He is presently working as Professor of Finance and Marketing, in various reputed Business School, Bangalore. He has more than 18 years of Post Graduate teaching and research experience in different reputed Management Institutes. He has published and presented more than 60 articles in National & International Journal. He has conducted many workshops on Research Methodology and Data analysis using SPSS (www.primaxijcmr.com) in various colleges and universities level.



Day	Time	TOPICS COVERED
Day 1 st : 2 nd December 2017	08-00 -8.30 A.M. 08-30 A.M. To 9.00 A.M.	Registrations Inaugural Session Chief Guest Dr. A. Ganapathi , Vice-Chancellor, Bharathiar University, Coimbatore, Tamil Nadu. AVM (Retd) Dr. N.Vijayakumar , AVSM,VSM. Vice-Chairman, SNT Global Academy of Management Studies & Technology, Coimbatore. Dr. S. Sekar , Principal, Meenakshi Ramasamy Arts and Science College, Udayarpalayam Syndicate Member, Bharathidasan University, Trichy.. Dr. V. Selvaraj , Secretary of Primax Foundation, Bangalore, Karnataka.
	Practical - I 9.00 - 10.30 AM	 Statistical Concepts and its Application 1. Population and Sample -Parameter and Statistic-Organizing data-Sampling Techniques 2. Determine sample size-Stages in Data Analysis-Procedure for Testing of Hypothesis 3. Concept of P value-Parametric and Non-parametric test-Interpretation
	10.30 A.M. to 10.45 A.M	Tea/Coffee/ Biscuits
	Practical - II 10.45 - 1.00 PM	Steps in analyzing data with SPSS Enter your data into a data file- Read the data file- Provide labels for input file -Transform the data into suitable form- Prepare Descriptive Statistics -Prepare graph the data.
	1.00 P.M to 1.30 P.M	Lunch
	Practical -III 1.45 – 3.15 PM	Statistical Techniques in Univariate and Bivariate Analysis using Secondary data 1. Hypothesis Testing for a Single Population 2. Hypothesis Testing to compare Two Populations Hypothesis Testing to compare Multiple Populations (ANOVA) (Using SPSS One Sample t-Test, Two Independent Samples, Paired Sample t-Test, One way ANOVA, Two way ANOVA, Chi-square test & Discriminant analysis)
3.15 P.M to 3.30 P.M	Tea/Coffee/ Biscuits	
Practical - IV 3.30 – 5.30 PM	 Bivariate Quantitative Data: 1. Testing Independence of Two Categorical Variables 2. Correlation Analysis & Regression Analysis Non-Parametric Test 1. Mann Whitney U test 2. Krushkal Wallis test 3. Wilcoxon test 4. Friedman Test	
Day 2 nd : 3 rd December 2017	Practical - V 8.30 – 9.00 AM	Reliability Analysis Mapping Tools
	Practical - VI 9.00 – 10.30 AM	Multivariate Analysis 1. Multiple Regression Analysis 2.Factor analysis
	10.30 A.M. to 10.45 A.M	Tea/Coffee/ Biscuits
Practical - VII 10.45 – 1.00 PM	 Structural Equation Model (SEM) using AMOS 1. Model Fit Summary 2. Goodness of Fit Index (GFI) 3. Adjusted Goodness of Fit Index (AGFI) 4. Normated Fit Index (NFI) 5. Comparative Fit Index (CFI) 6. RMR 7. RMSEA	