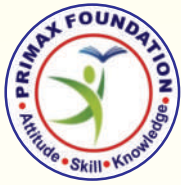# VET FIRST GRADE COLLEGE

(Permanently Affiliated to Bengaluru City University, Listed U/s 2(f) &12(B) of UGC)
Accredited by NAAC
JP Nagar 2nd Phase, Bengaluru, Karnataka, India

In Association with

PRIMAX FOUNDATION

(Registered Under Karnataka Societies Registration Act 1960)
Reg. No. JNR-S211-2015-16, MSME Reg. No.: UDYAM-KR-03-0144791
CSR Reg. No.: CSR00038642, NITI AAYOG Reg.No. : KA/2022/0318909
Bengaluru, Karnataka, India

Organizes

FOUR DAYS

NATIONAL LEVEL FACULTY DEVELOPMENT PROGRAMME

ON

DATA ANALYSIS USING SPSS AND AMOS

(HANDS ON SESSION- OFFLINE)

REGISTRATION FEE

Rs. 1,800/-
For Research Scholar & PG Students

Rs. 2000/-
For Faculty Member

26th Oct to 29th Oct 2023

Time : 10.00 AM to 5.00 PM

For Registration ▶ CLICK HERE

Venue
B.V. Rathnaiah Setty Sabhangana VET Campus
J.P. Nagar, Bengaluru

About VET First Grade College

VET FIRST GRADE COLLEGE is one of the units of Vasavi Educational Trust established in the year 1996 and has completed 27 years of glorious service to the society in the field of education. The institution is permanently affiliated to Bengaluru City University, accredited by NAAC twice and listed under under 2(f) in 2012 and 12(B) in 2016. It aims to promote and sustain high academic principles while retaining the strong value system and ethics and believes in the rich culture of the motherland with special emphasis on practice based learning. The institution offers Under graduation programs like B.COM, B.Sc FAD, BCA, BBA, B.COM Data Analytics and BA and Post Graduation in M.Com. The institution offers short term and value added courses in addition to organising state, national and international level seminars, orkshops, conferences and guest lectures for the professional development of students. NSS, Rotract and other social activities are encouraged in the institution to promote holistic development of the students. The institution also has a rich research culture with notable number of publications in UGC Care listed journals and ISBN books.

About Primax Foundation, Bengaluru

Primax Foundation® was established in the year 2015 and it was registered under the Karnataka Societies Reg. Act 1960 (Reg. No JNR-211- 2015-16) with IT exemption 12A & 80G. Primax Foundation is a non-profit organization committed to the quality of Research & Training programme for the young generation living in villages. The primary aim is to ensure employability for the students and mold them to suitably fit into all aspects of corporate requirements. The Founders and the team members have expertise in the relevant areas to understand, guide and direct its clients towards fulfilling their objectives and realizing their future dreams. Primax has envisioned to provide educational & training services in the area of Training & Development for Higher Education, Entrepreneurship Education, Management Consulting and Research activities. Its initiatives have been appreciated by all the Professionals for the betterment of the Youth of our Nation.

About the Programme

The four-day faculty development workshop on "Data Analysis Using SPSS and AMOS" is intended to train and improve faculty and research researchers scholars in diverse areas of research. The curriculum is expected to deliver crucial tools and skills through hands-on experience. Keeping in view of the importance of Statistical Data Analysis, this workshop explores the basic and advanced statistical techniques using SPSS and AMOS. SPSS is a powerful tool for data analysis and reporting. The programme is designed to cover all relevant aspects of Statistical Data Analysis starting from the very basics of Data Preparation, Data Cleaning to Advance Statistical tools using SPSS. Structural Equation Modelling (SEM), is a powerful statistical tool that combines factor analysis and regression analysis to explain the relationship between variables. Whenever the researcher is interested in testing a particular theory, SEM helps in building and testing statistical models. This type of analysis is desirable because researchers often hypothesize that a given outcome of interest is influenced by more than one variable which will be shown through AMOS. This Programme shall provide the participants a descriptive theoretical and practical knowledge to SEM, moderation and mediation. SPSS and AMOS will be used to learn all the statistical technique, which is uniqueness of the programme.

Objectives of the Programme
- To improve the researchers' understanding through the use of quantitative & qualitative approaches.
- To raise understanding of the fundamental principles associated with the SPSS and AMOS softwares through hands-on lab sessions.
- To provide hands-on training in fundamental and advanced data analysis tools and methodologies using SPSS and SEM using AMOS.

Uniqueness of the Programme
- To educate participants on the significance of data analysis and structural equation modeling in research.
- To enable the faculty members of multidisciplinary areas (marketing, HR, finance, accounting, analytics, entrepreneurship) to gain insight for collection of data and how to utilise the various statistical analytical tools and Structural Equation Modelling.
- Practical lab sessions.

Who can attend?
Faculty members, Research Scholars and PG Students from all disciplines.

Key Information

- **Duration: 4 days** (26-10-2023 to 29-10-2023)
- **Timings: 10.00 AM to 5.00 PM**
- **Registration fees:** For Faculties **Rs.2,000/-** and for Research Scholars **Rs.1,800/-**.
- **Last date for Registration: 10th October -2023 by 5.00 PM**
- **OOD facility and participation certificates will be provided to the participants.**
- **There will be 'No spot registration'.**
- Limited to 80 seats only.
- Working Lunch and Two-time refreshment would be arranged.

Note:

- All participants will receive 'Hard copy of Certificate of Participation' after successful completion of the FDP
- **Registration fee can be done through NEFT/IMPS Transaction (or) Googlepay/ Phonepe / Paytm only**
- Necessary Demo / Trial version of statistical software will be provided to the registered participants
- For outstation Participants the accommodation will be provided near by VET Degree College, Bangalore and Room rent, Breakfast and dinner cost shall be borne by the participants.

RESOURCE PERSONS

Dr. R. Ravanan
Joint Director of Collegiate Education
Chennai Region, Tamil Nadu

Dr. V. Rajesh Kumar
Professor and Dean
School of Commerce and Management
Chanakya University, Bangalore , Karnataka

PROGRAMME SCHEDULE

Day	Topic	Timing	Resource Person
	Inauguration	**9.00 AM To 10.00 AM**	
Day- 1 26th October 2023	• Introduction to Research • Process of Research • Identification & Formulation of Problem • Formulation of Objectives & Hypotheses • Construction of Good Questionnaires • Method of Data Collection • Population, Census, Sample & its Methods • Research design • Meaning of Parametric and Non-parametric • Data Entry and Data Importing into SPSS • Data Transformation Data Cleaning • Test of Reliability, Test of Normality • One-sample, Two Sample & Paired t-test • One-way & Two-way ANOVA	**10.00 AM To 5.00 PM**	**Dr. V. Rajesh Kumar** Professor and Dean SCM, Chanakya University Bangalore, Karnataka
Day- 2 27th October 2023	• Chi-square Test of Goodness of Fit & Independence • Kruskal Wallis Test • Mann-whitney u Test • Wilcoxon Sign Test • Correlation: Pearson correlation- Partial correlation Multiple Correlation & Rank Correlation • Regression: Simple Regression- Multiple Regression & Logistic regression	**9.00 AM To 5.00 PM**	**Dr. V. Rajesh Kumar** Professor and Dean SCM, Chanakya University Bangalore, Karnataka

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Day- 3 **28ᵗʰ** **October** **2023**	• Cluster Analysis, Discriminant Analysis • Factor Analysis, Correspondence Analysis • Multidimensional Scaling (Mapping Tools) **Structural Equation Model (SEM) using AMOS** • Model Fit Summary • Goodness of Fit Index (GFI) • Adjusted Goodness of Fit Index (AGFI) • Normated Fit Index (NFI) • Comparative Fit Index (CFI) • RMR & RMSEA	**9.00 AM** **To** **5.00 PM**	**Dr. R. Ravanan** Joint Director of Collegiate Education Chennai Region, Chennai
Day- 4 **29ᵗʰ** **October** **2023**	**Confirmatory Factor Analysis (CFA) using AMOS based on One Factor** • Modification Indices • Model Fit Summary • Average Variance Extracted (AVE) • Construct Reliability (CR) • Convergent Validity • Discriminant Validity • Linear Model, Compound Model, ARIMA Model	**9.00 AM** **To** **5.00 PM**	**Dr. R. Ravanan** Joint Director of Collegiate Education Chennai Region, Chennai

Refreshment: 10.00 am to 10.15 am & 3.30 pm to 3.45 pm; Lunch: 1.00 pm to 2.00 pm

CHIEF PATRONS

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Vasavi Educational Trust
Bengaluru, Karnataka

Dr Manandi N Suresh
Honorary Secretary
Vasavi Educational Trust
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Director, Primax Foundation &
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